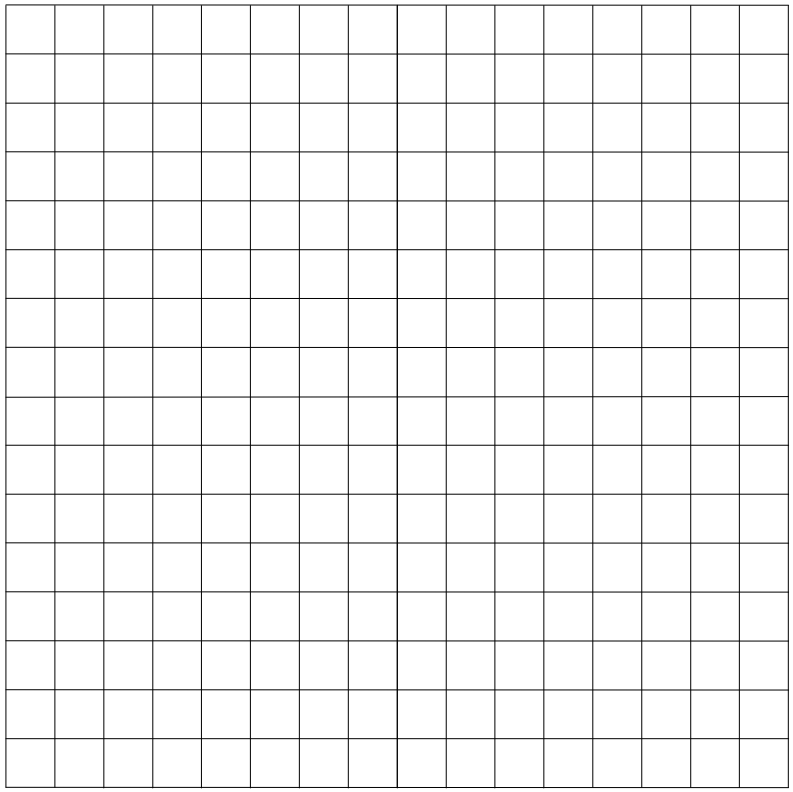
Algebra II Lesson #4 Unit 3
Class Worksheet #4
For Worksheet #4

Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

2. Graph function P.

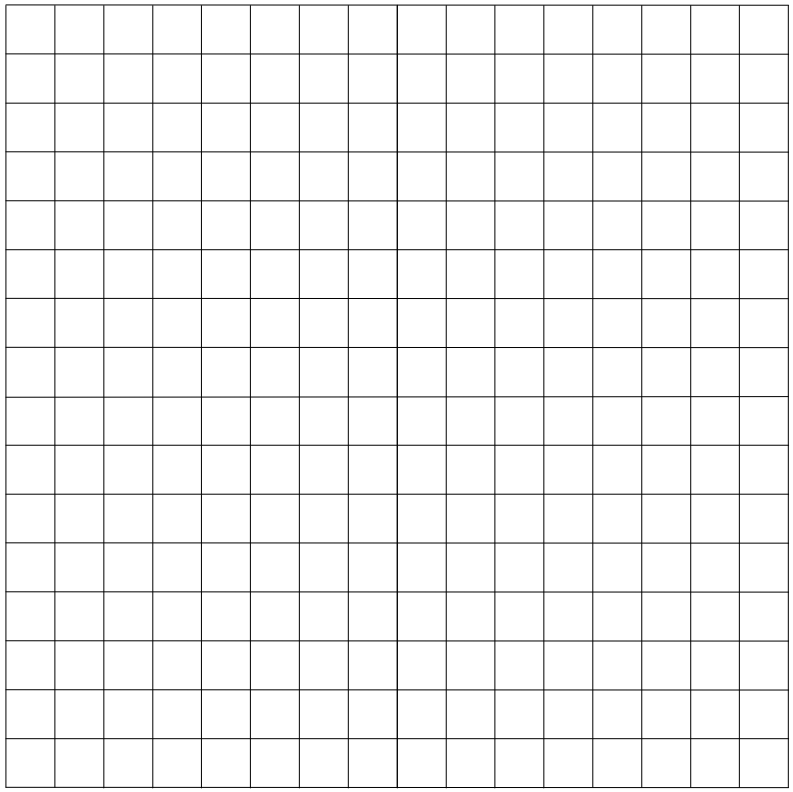


Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

2. Graph function P.



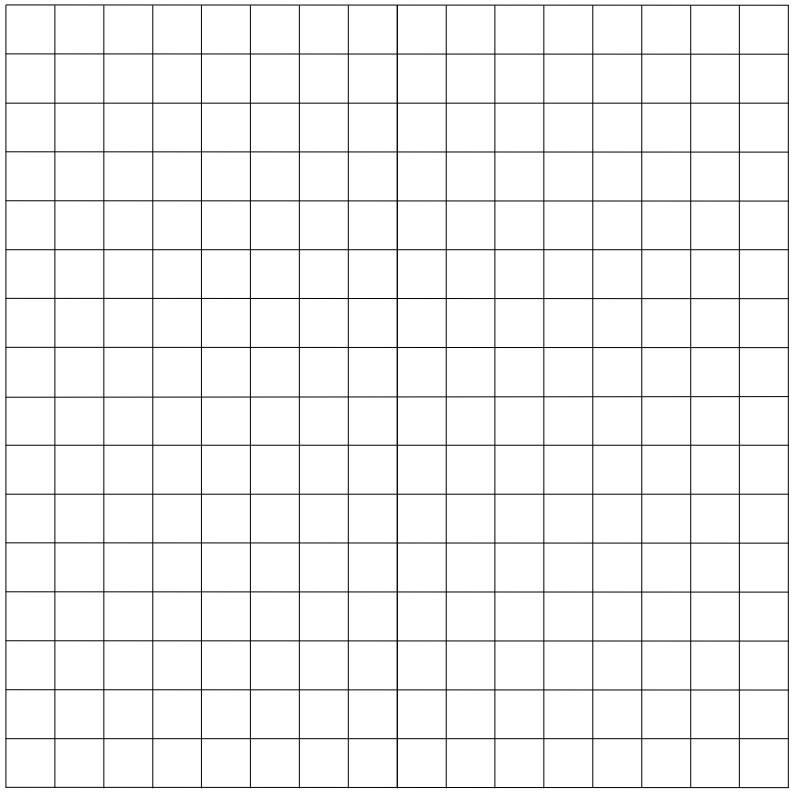
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)

2. Graph function P.



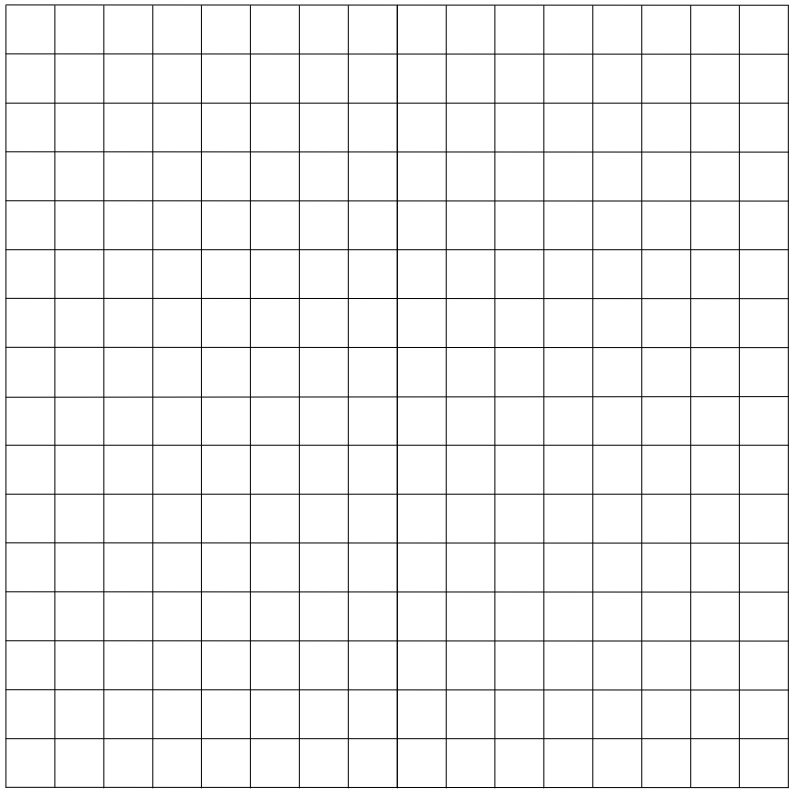
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	

2. Graph function P.



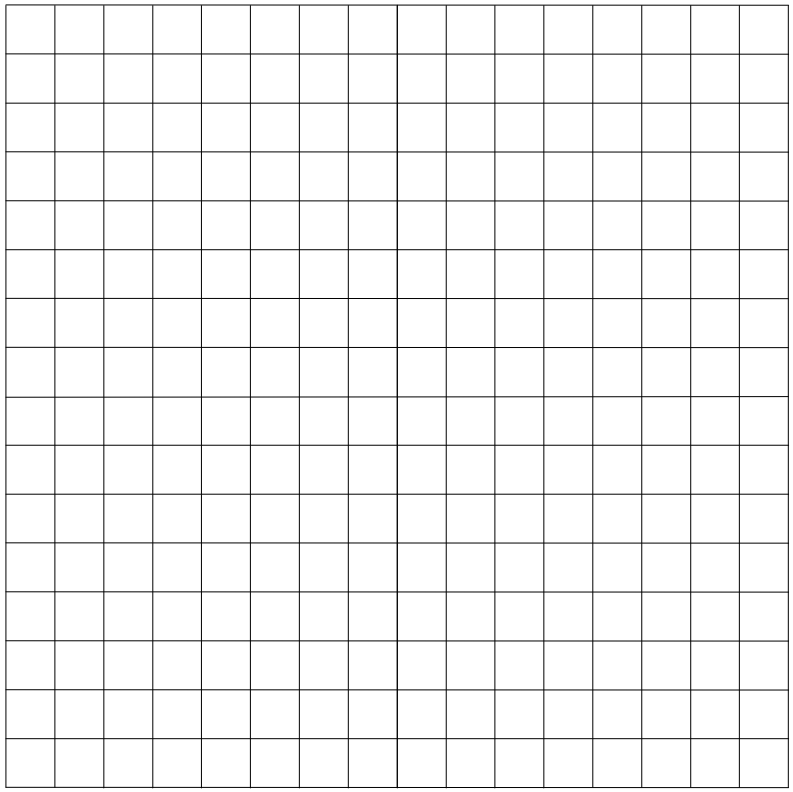
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0

2. Graph function P.



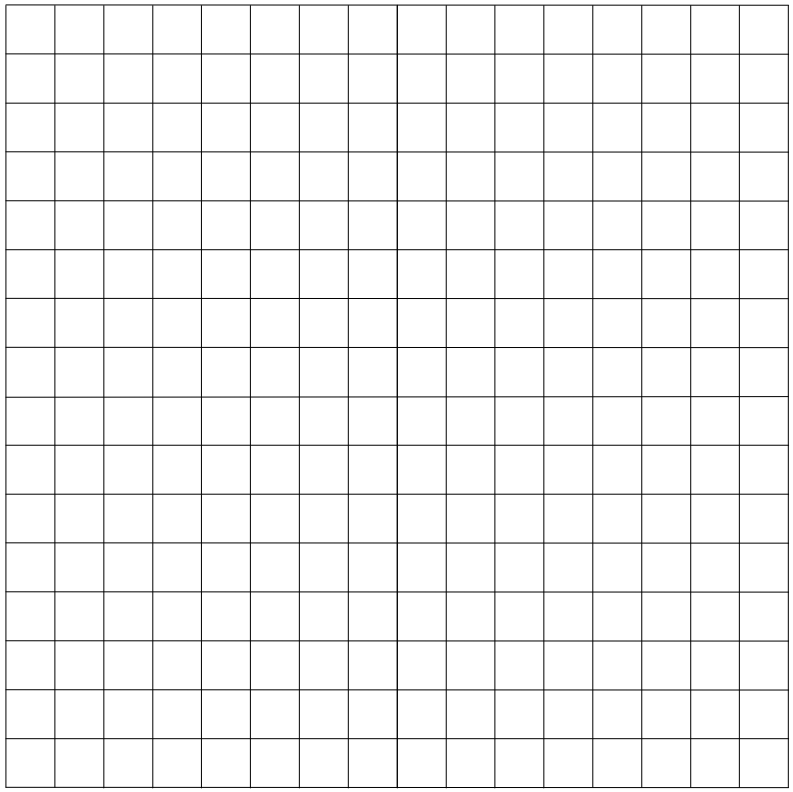
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	

2. Graph function P.



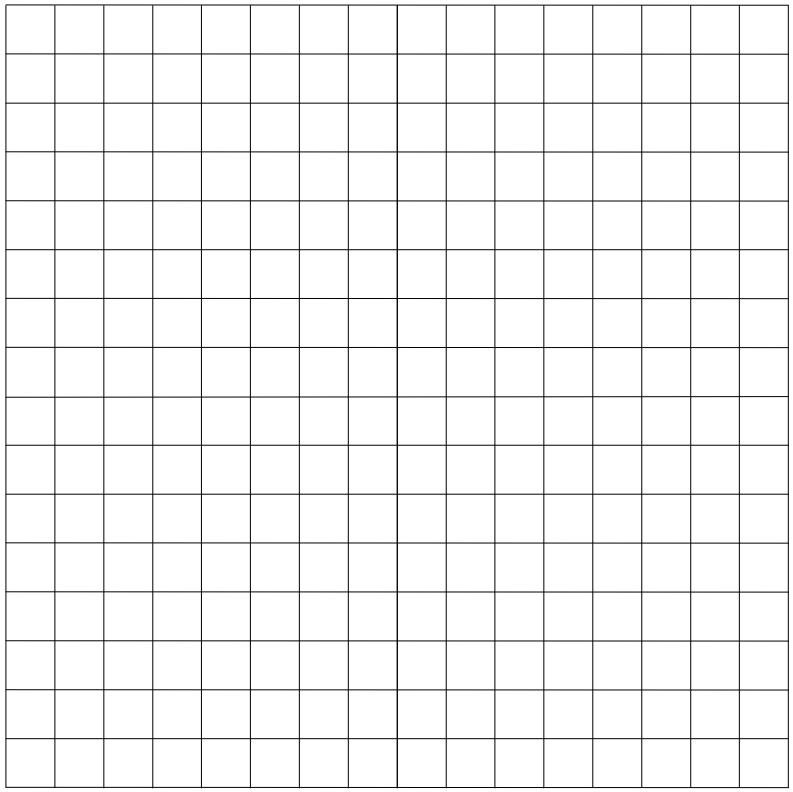
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32

2. Graph function P.



Algebra II Class Worksheet #4 Unit 3

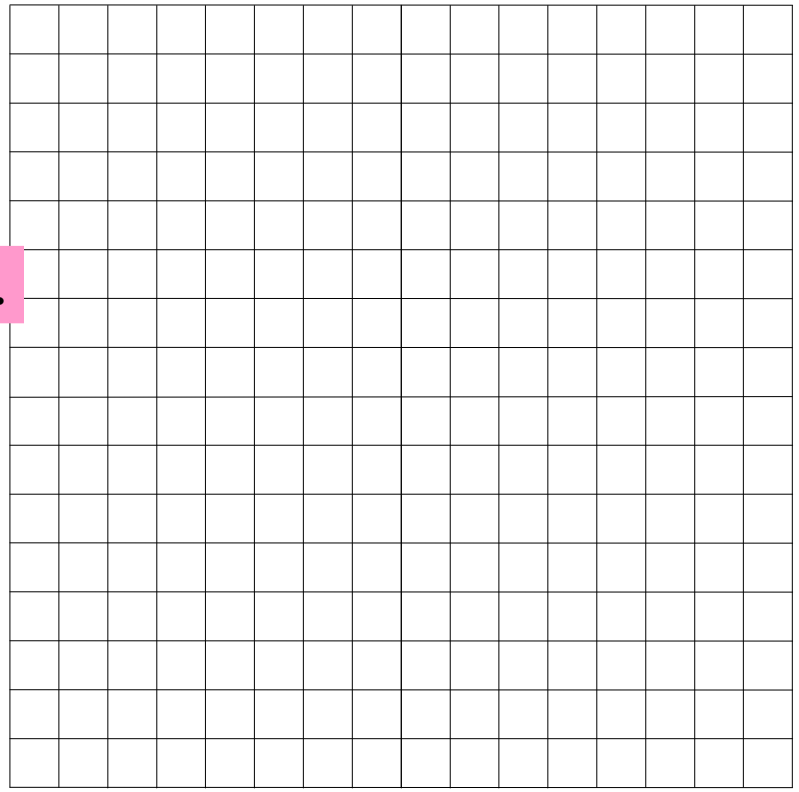
Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32

$8 per hour for 4 hours.

2. Graph function P.



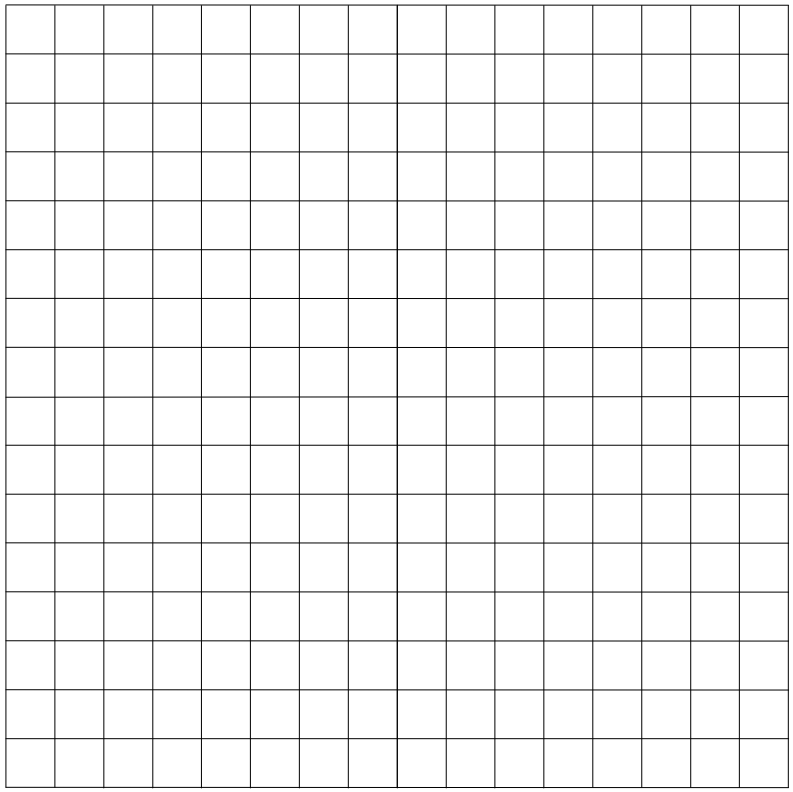
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32

2. Graph function P.



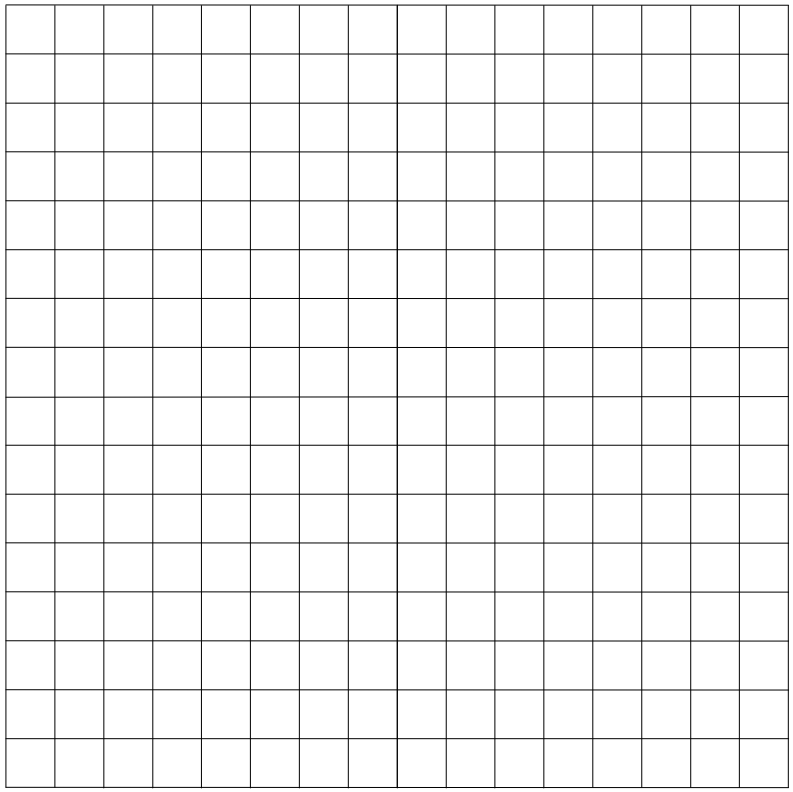
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	

2. Graph function P.



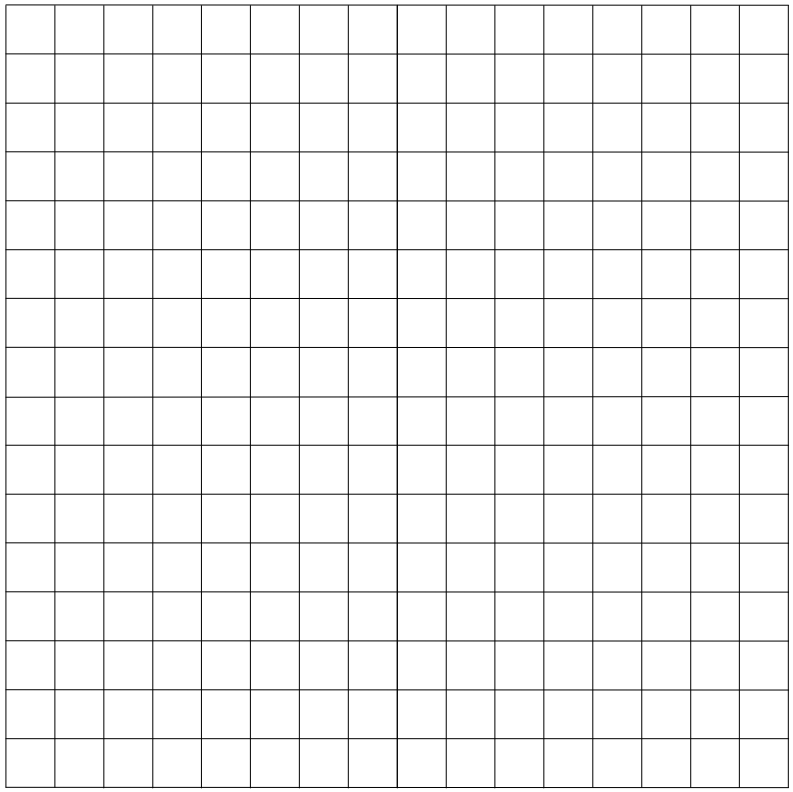
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64

2. Graph function P.



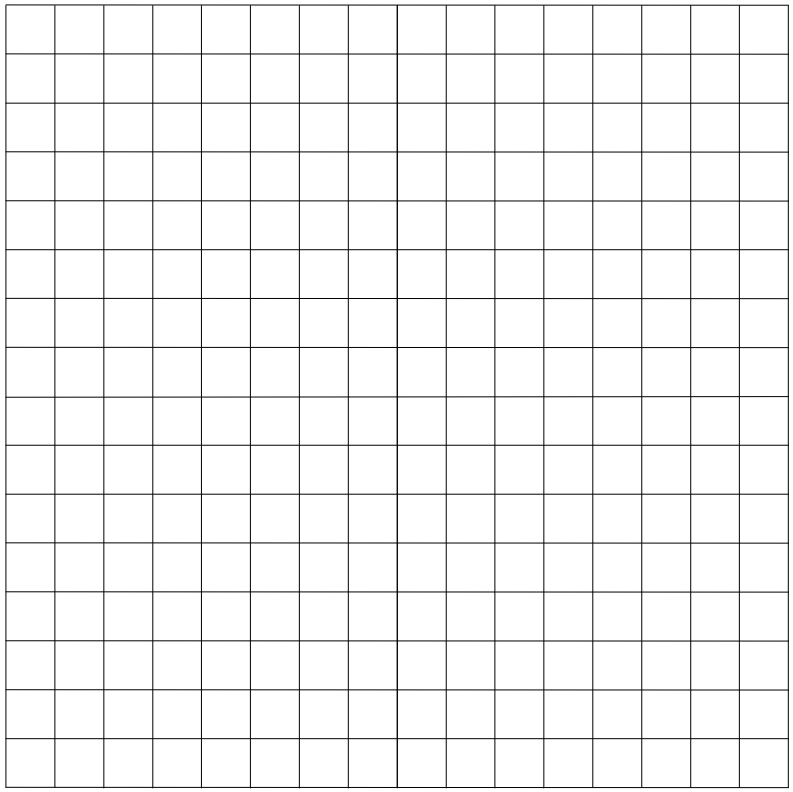
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	

2. Graph function P.



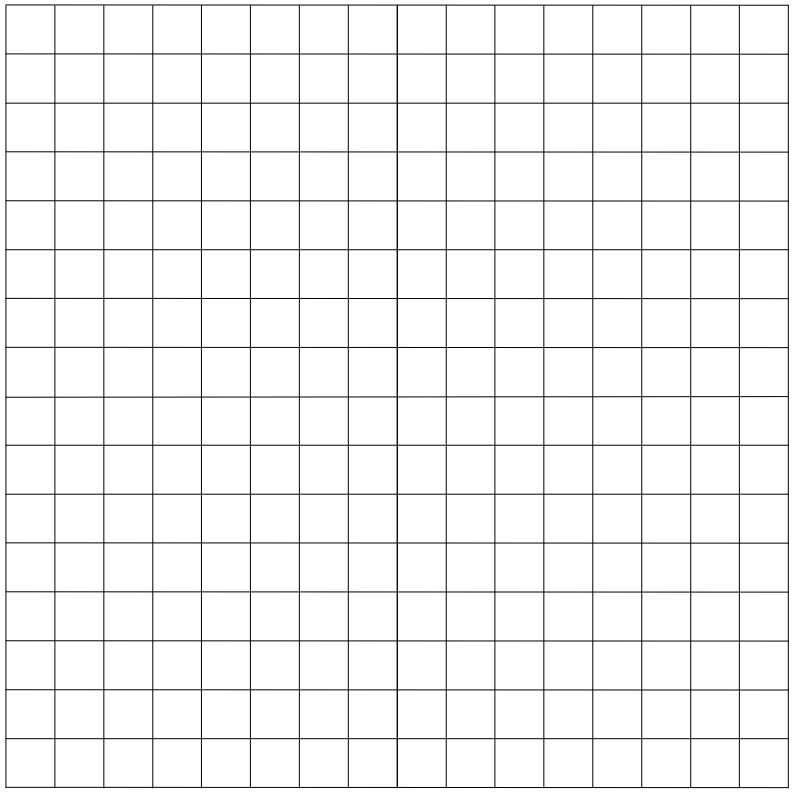
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96

2. Graph function P.



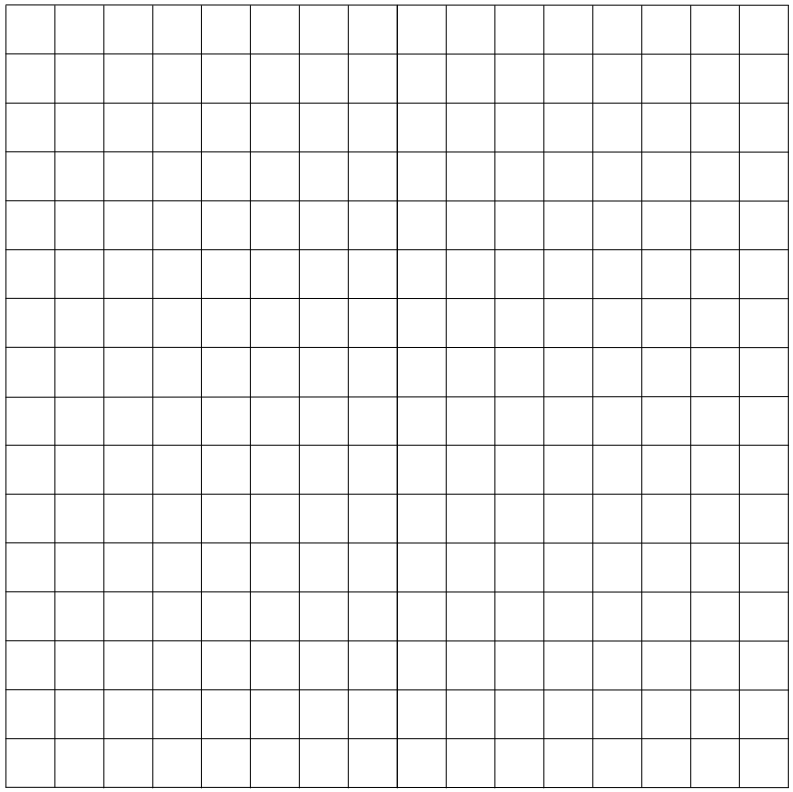
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	

2. Graph function P.



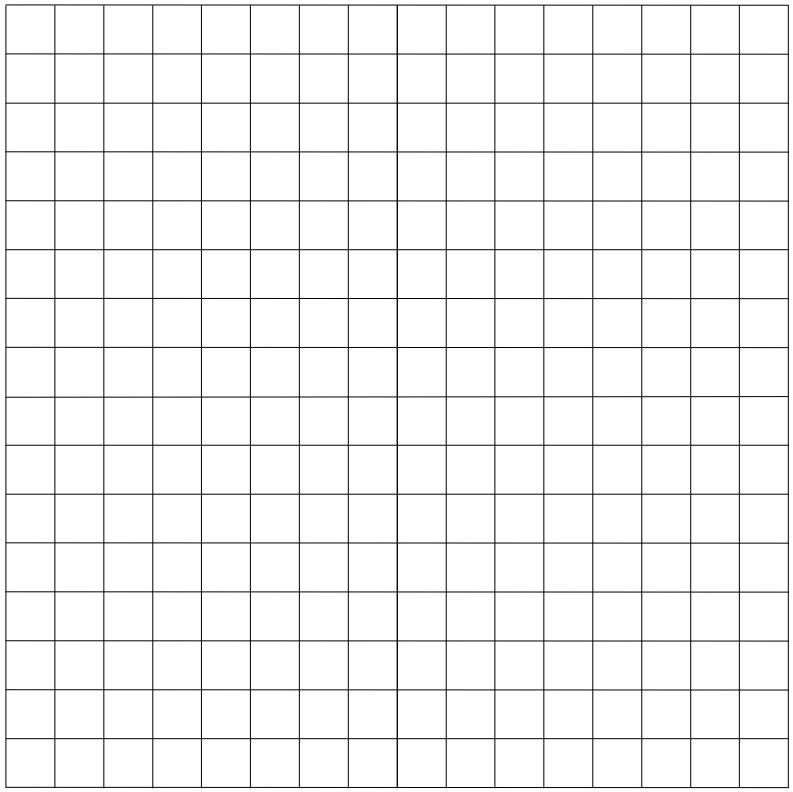
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128

2. Graph function P.



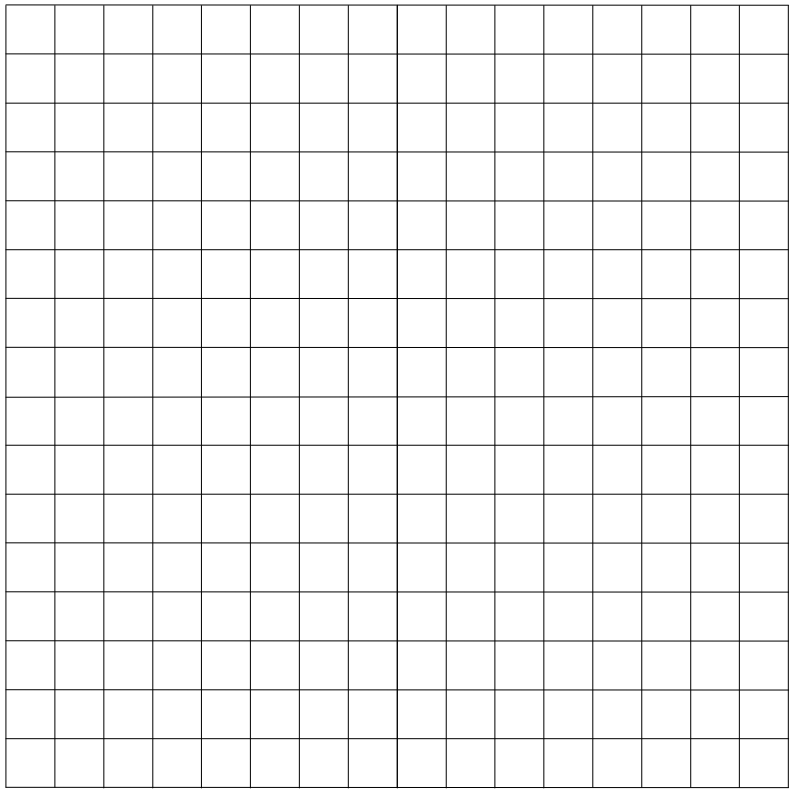
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	

2. Graph function P.



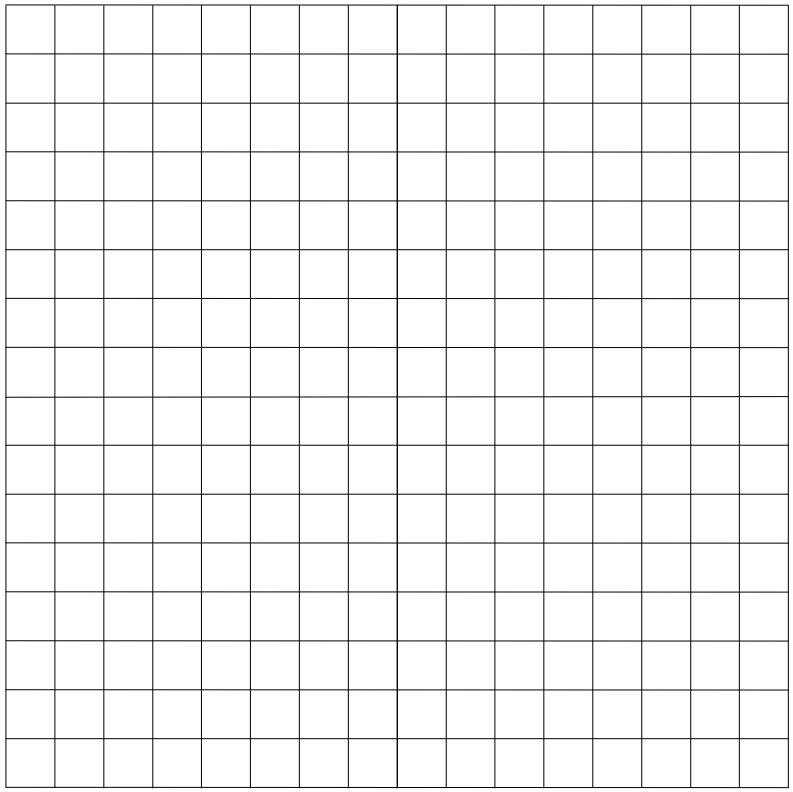
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

2. Graph function P.



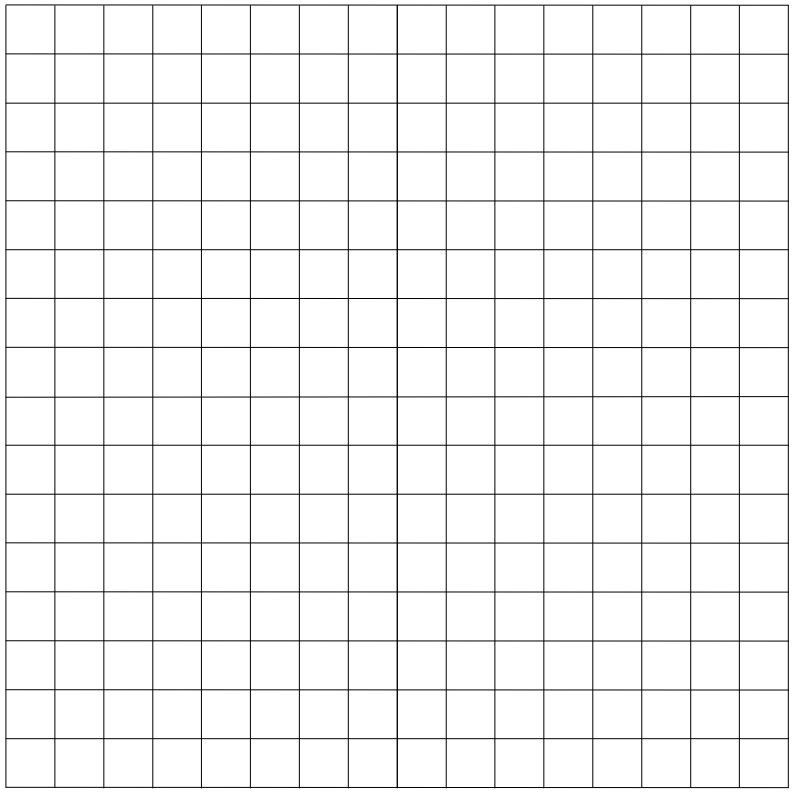
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

2. Graph function P.



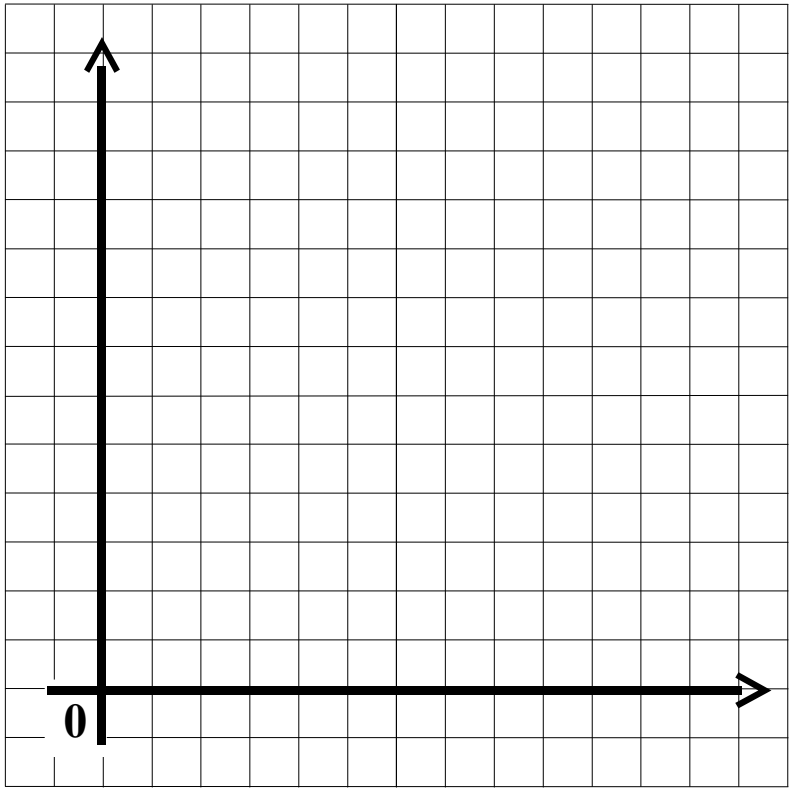
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

2. Graph function P.



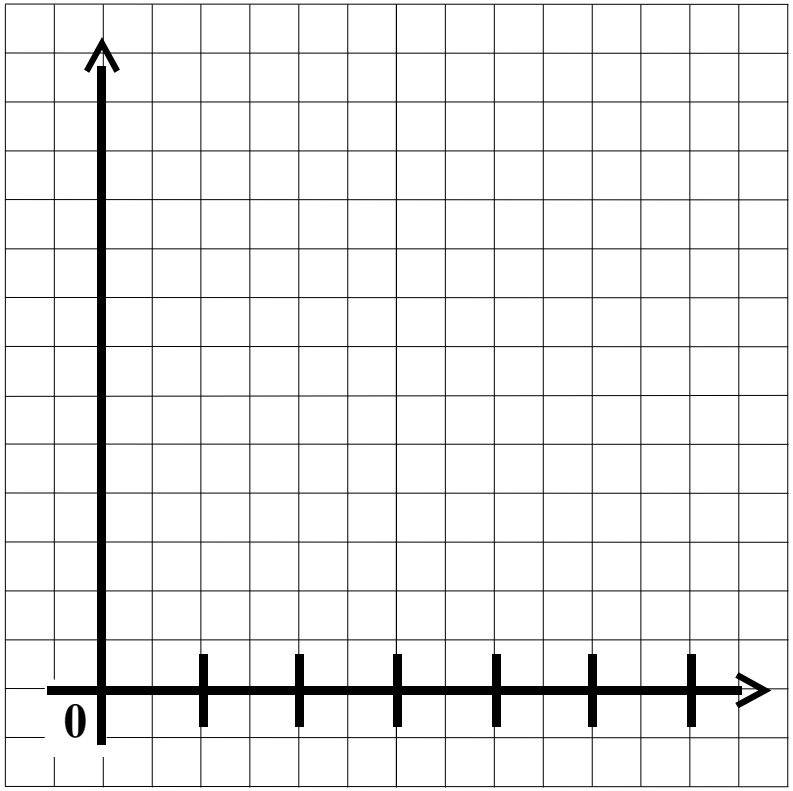
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

2. Graph function P.



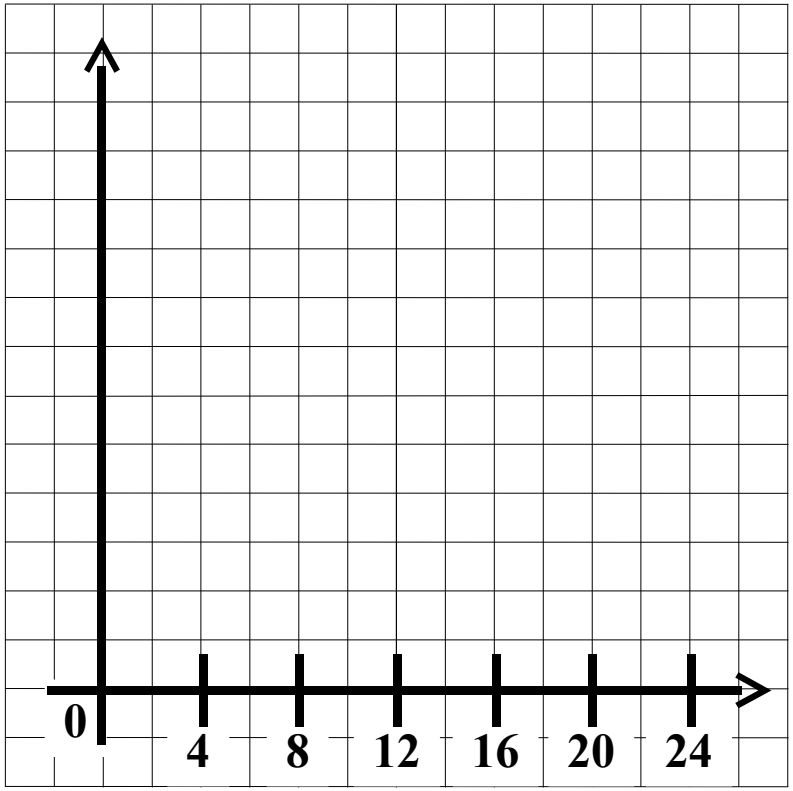
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

2. Graph function P.



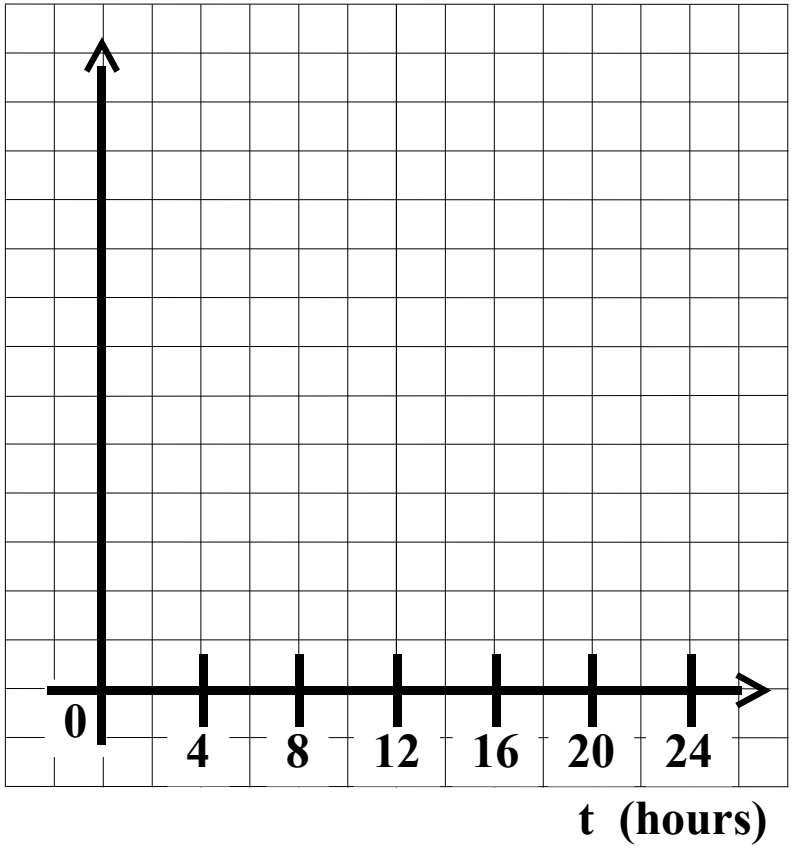
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

2. Graph function P.



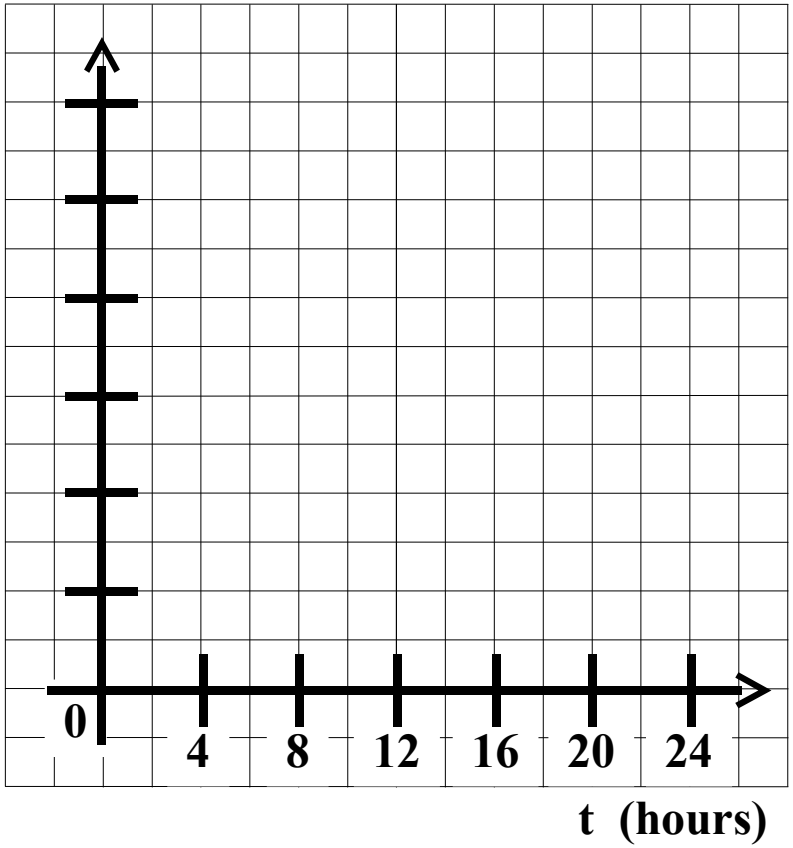
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

2. Graph function P.



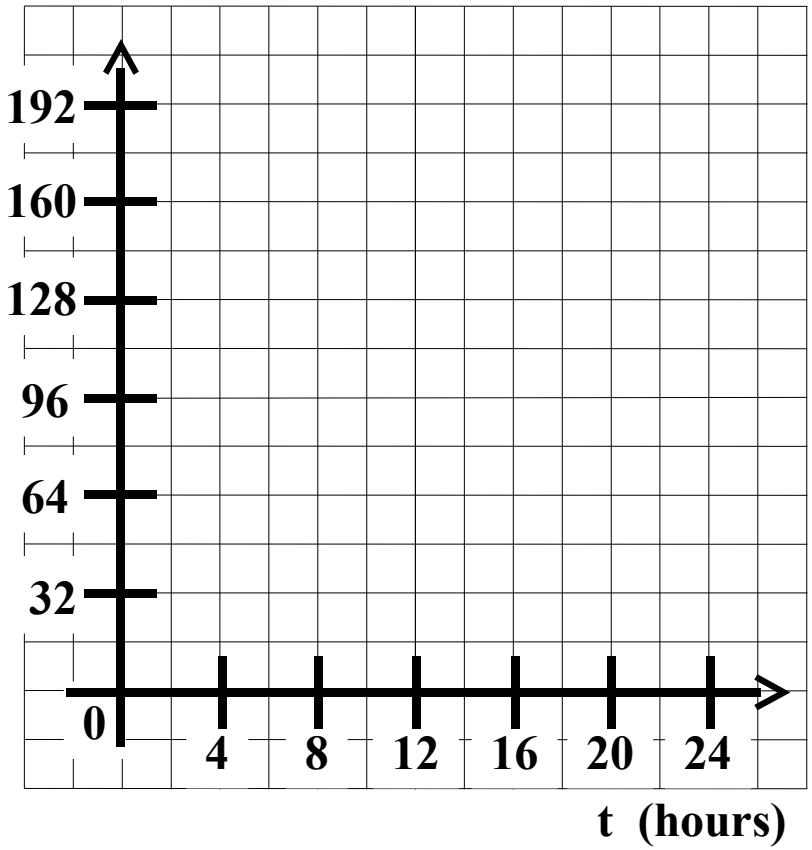
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

2. Graph function P.



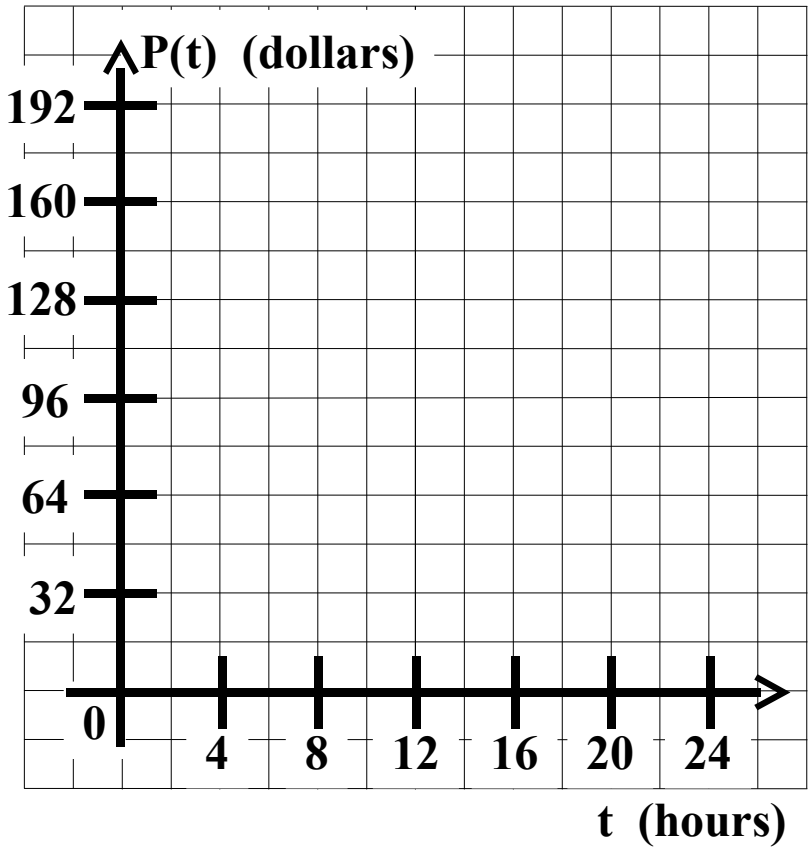
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

2. Graph function P.



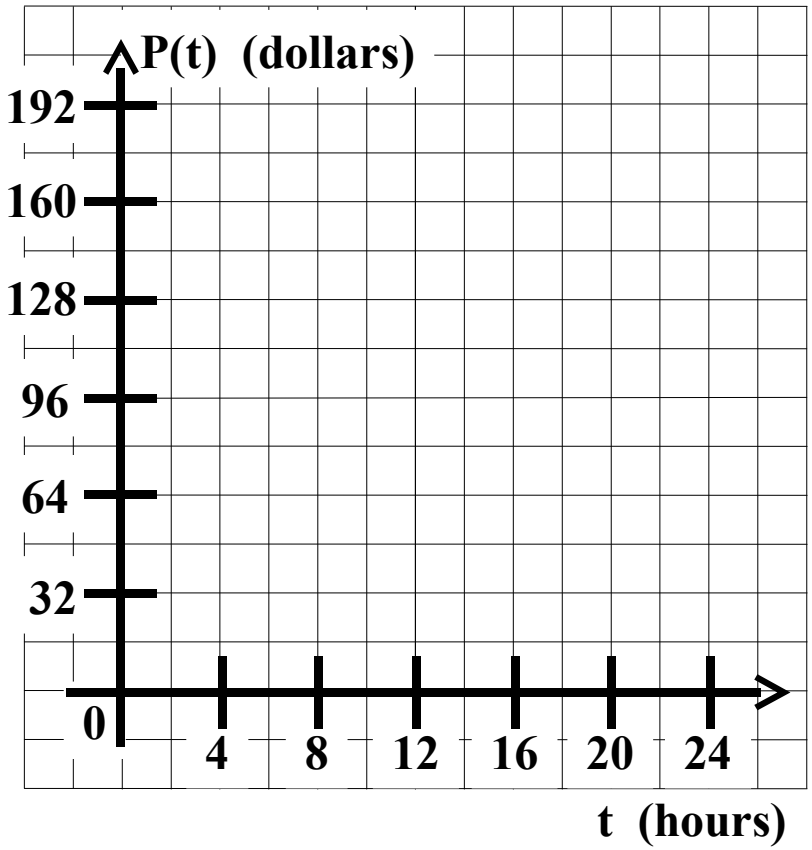
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

2. Graph function P.



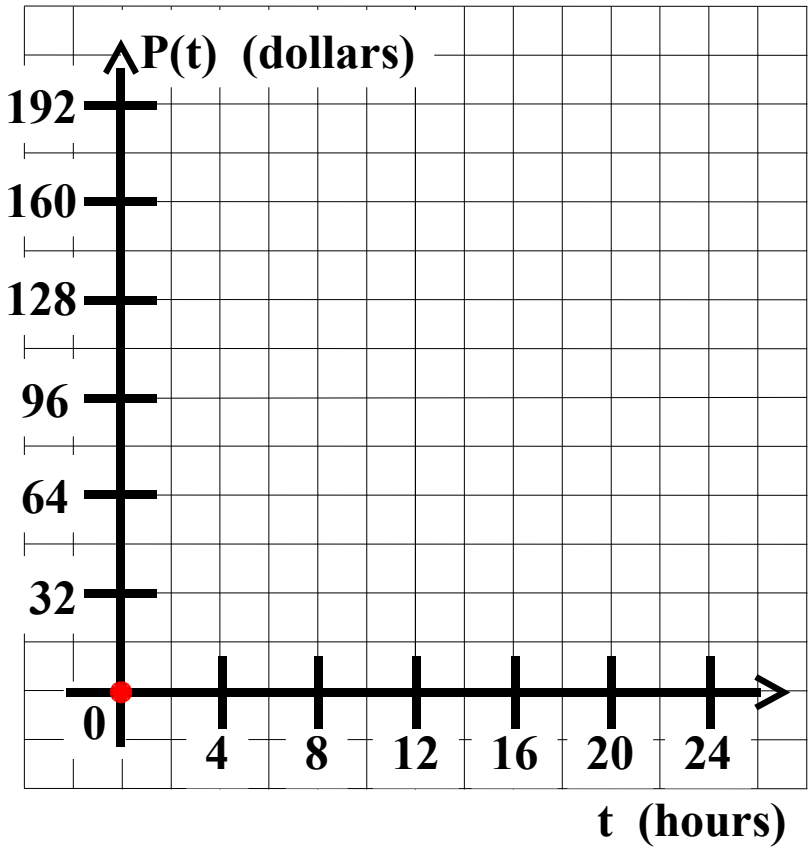
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

2. Graph function P.



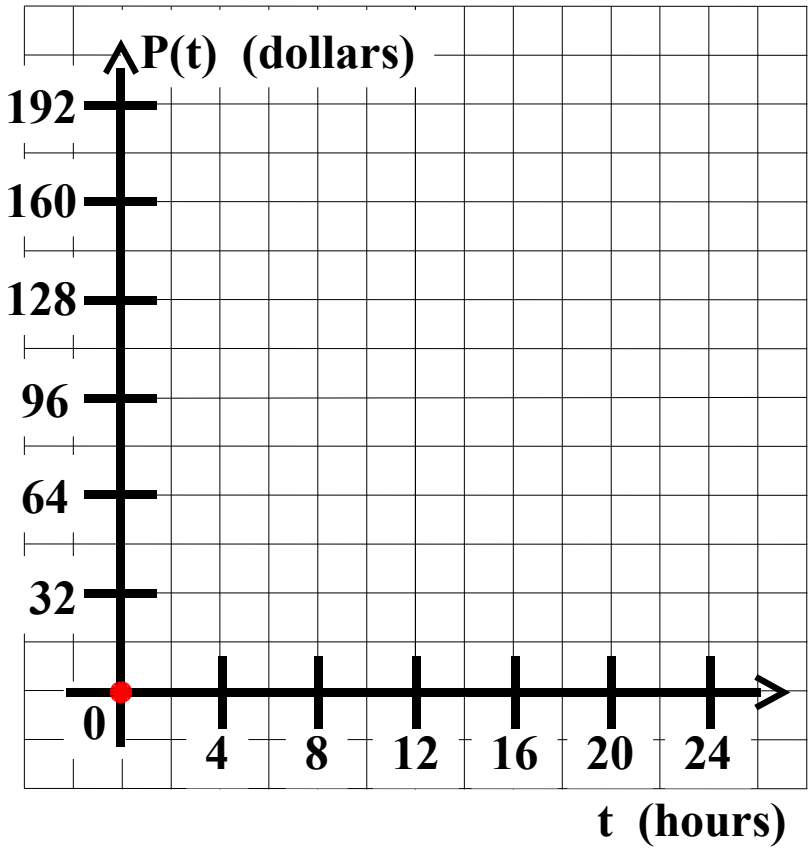
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

2. Graph function P.



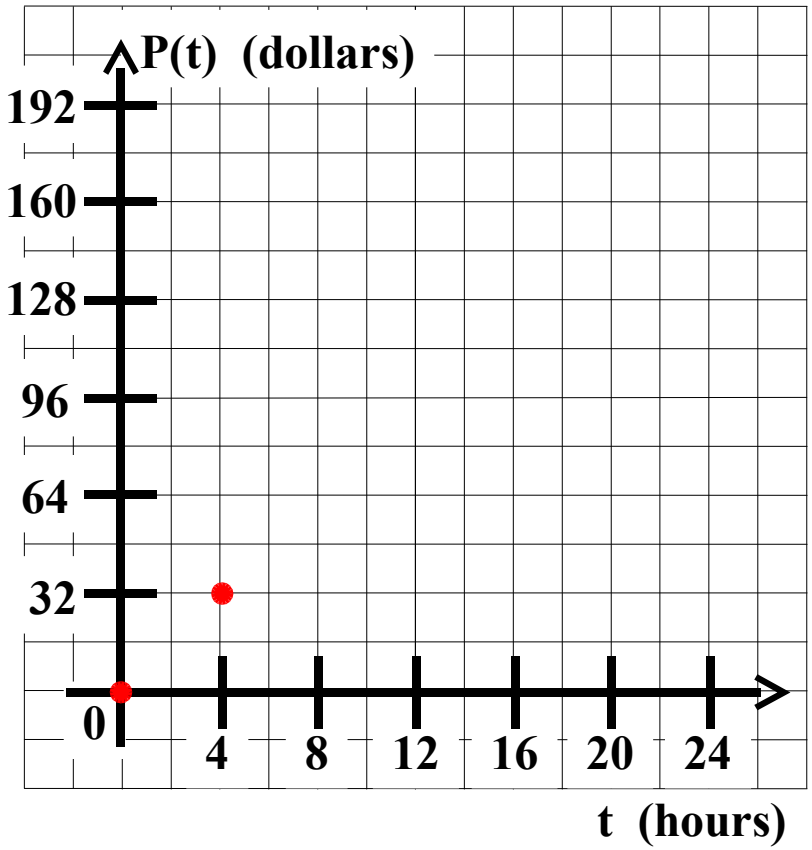
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

2. Graph function P.



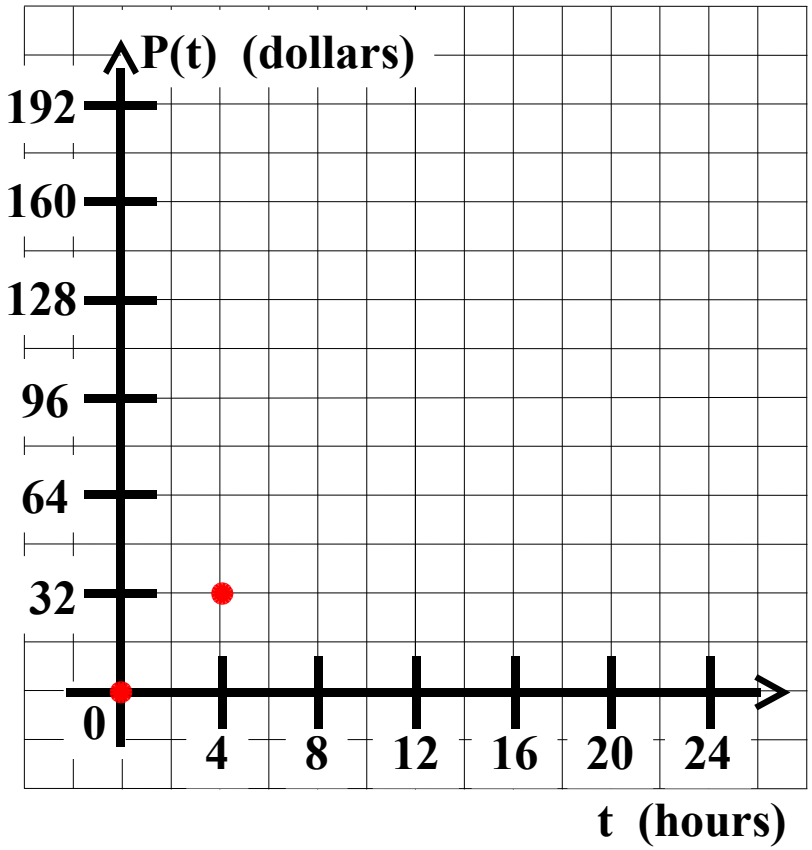
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

2. Graph function P.



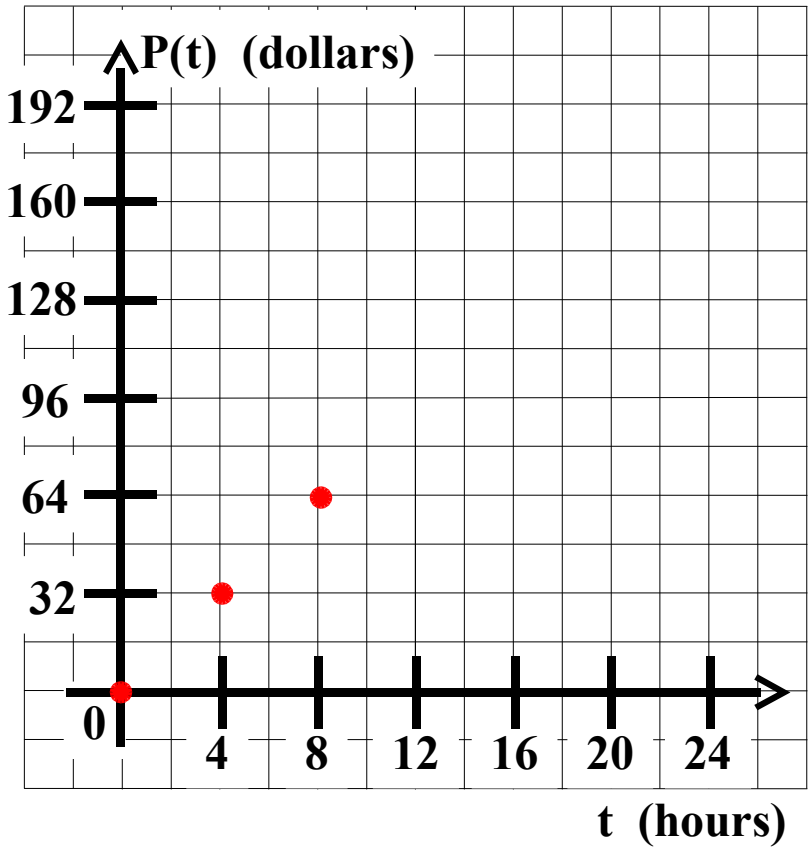
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

2. Graph function P.



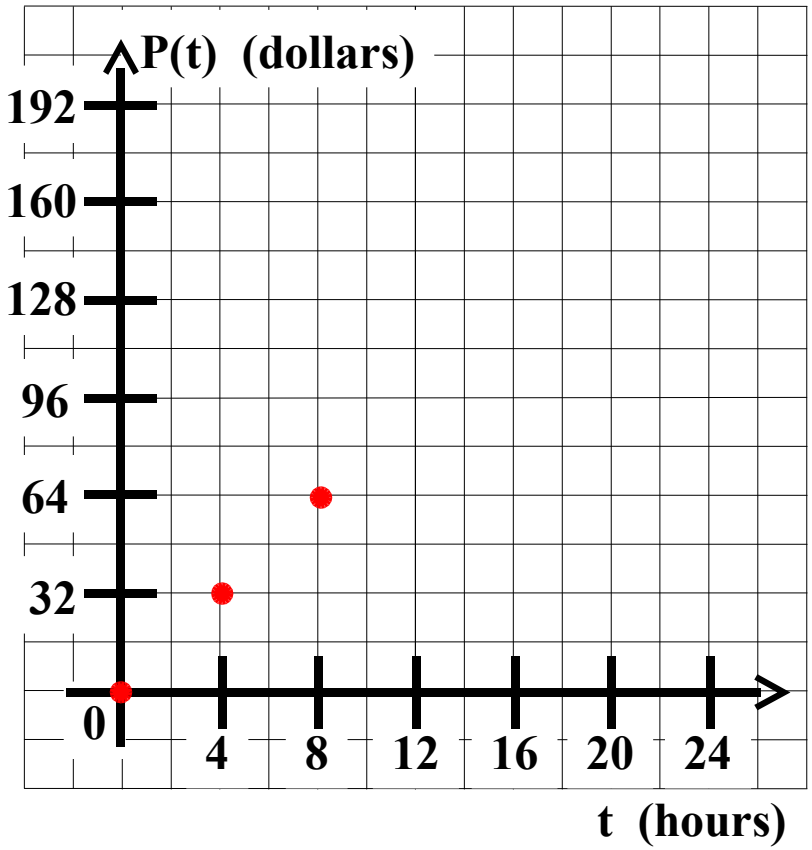
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

2. Graph function P.



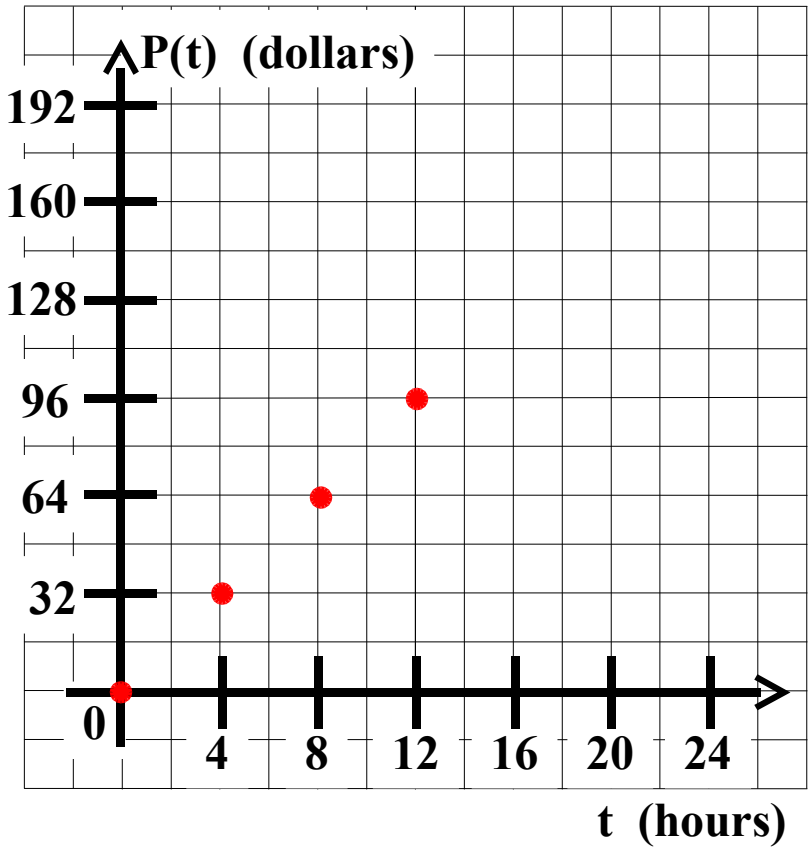
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

2. Graph function P.



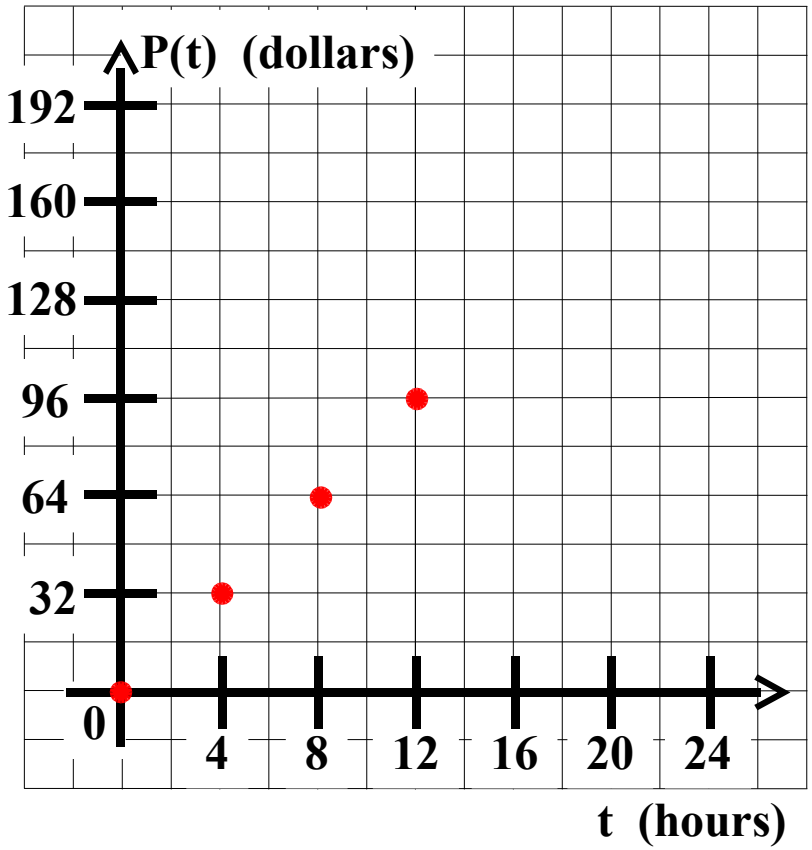
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

2. Graph function P.



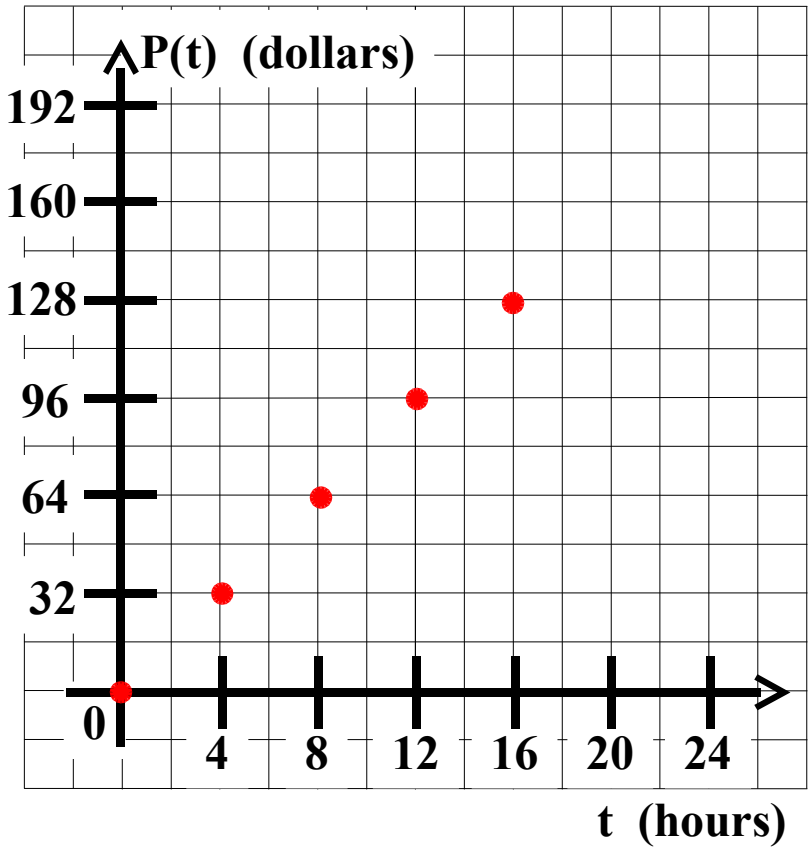
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

2. Graph function P.



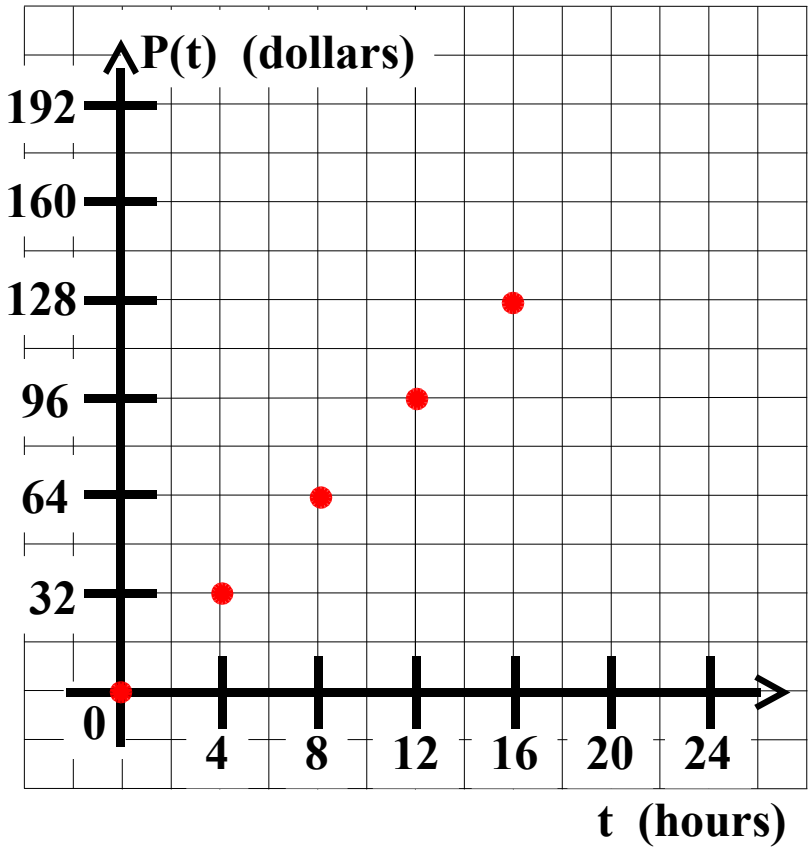
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

2. Graph function P.



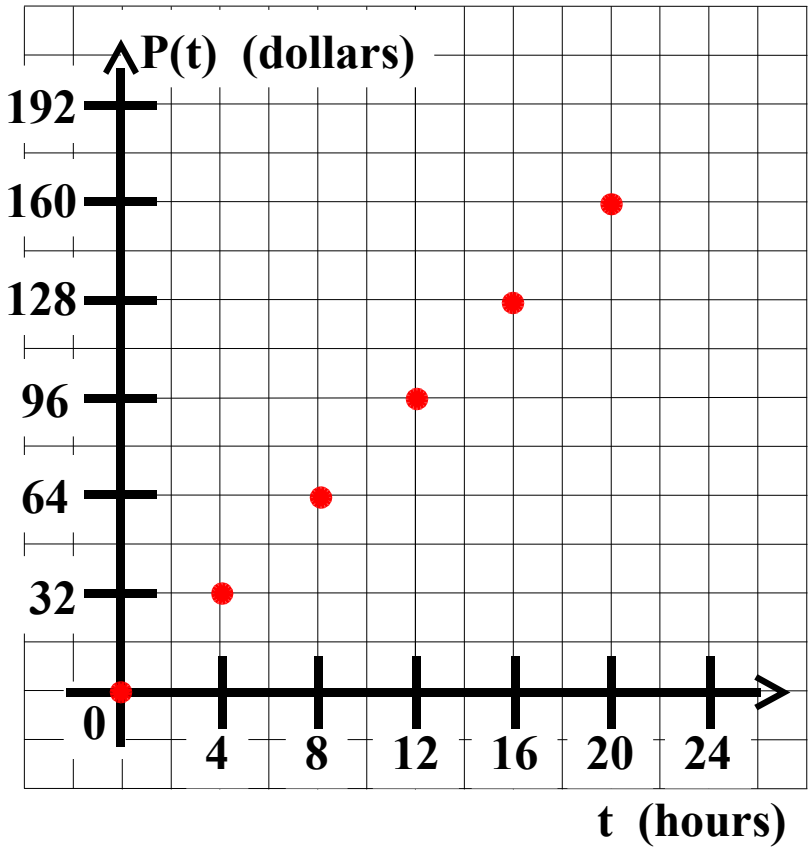
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

2. Graph function P.



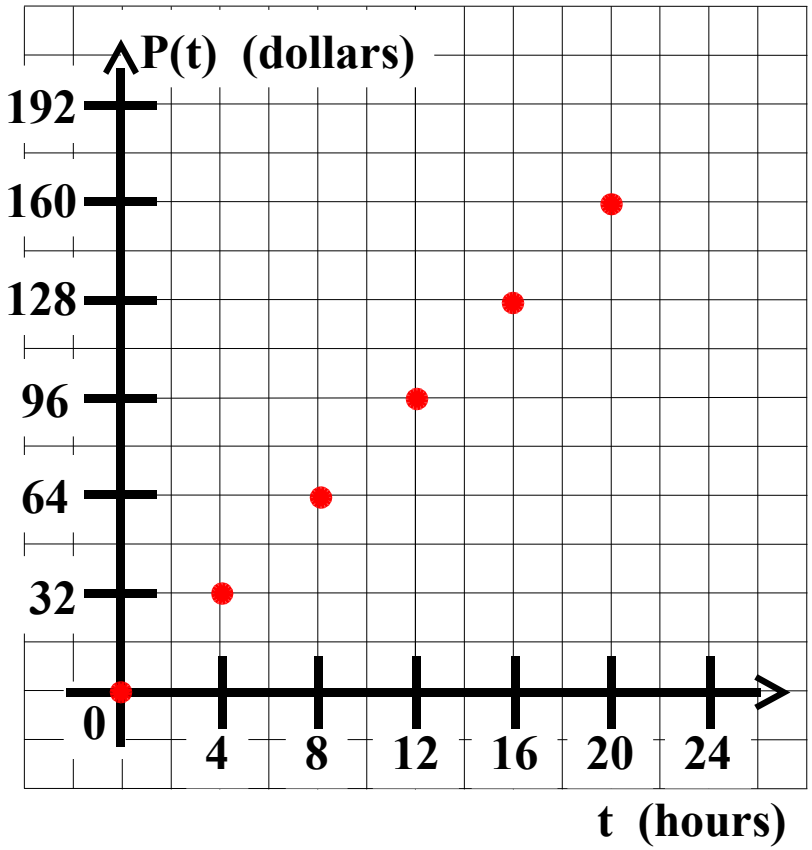
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

2. Graph function P.



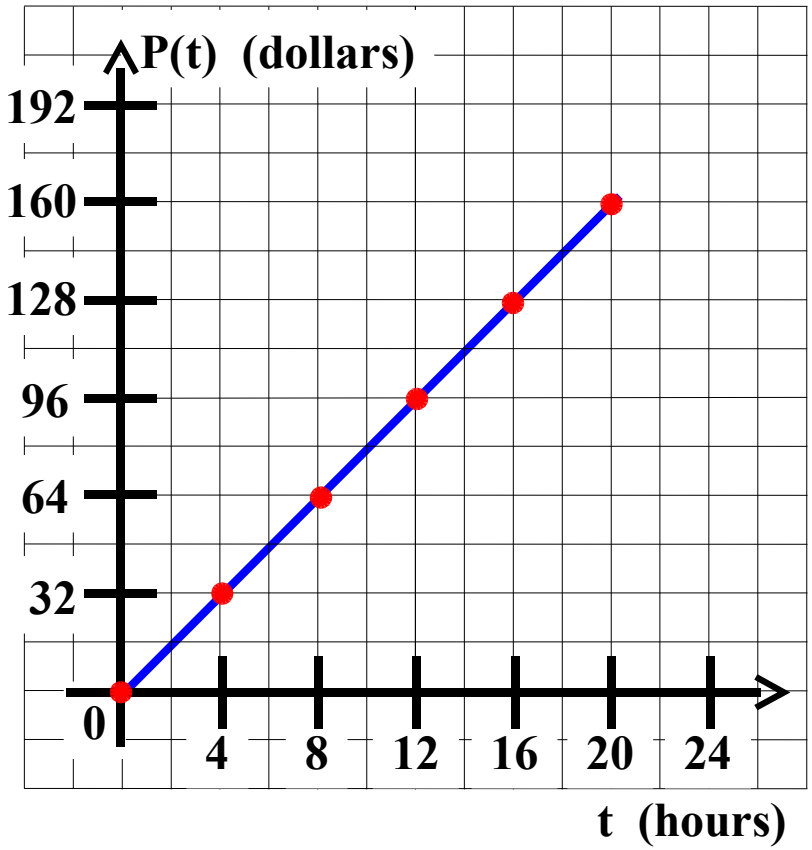
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

2. Graph function P.



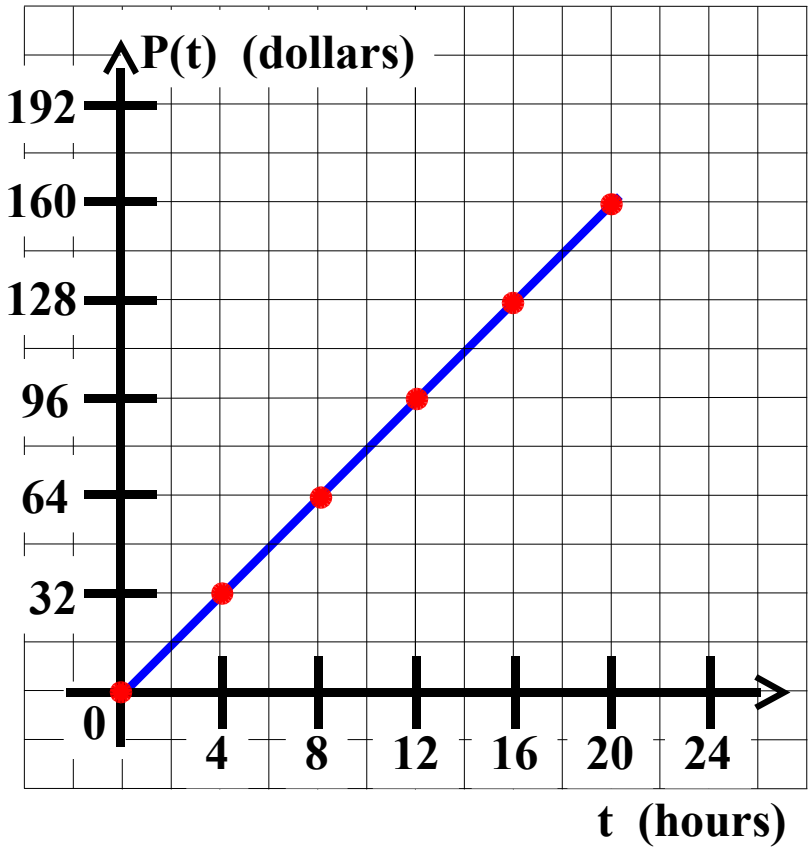
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

2. Graph function P.



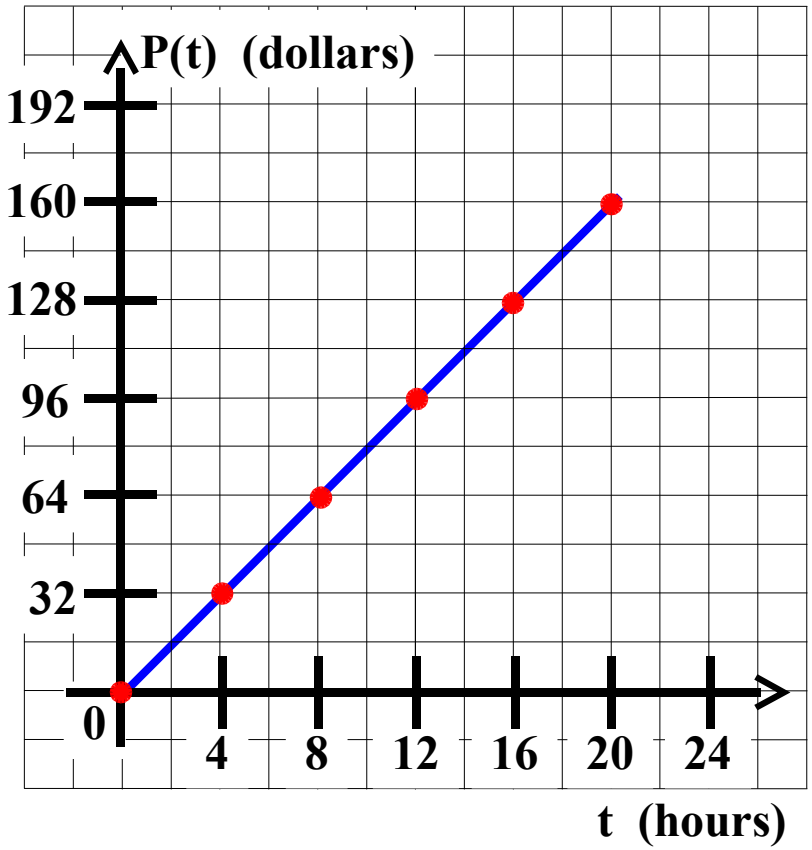
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

2. Graph function P.



3. Write an equation giving P(t) in terms of t.

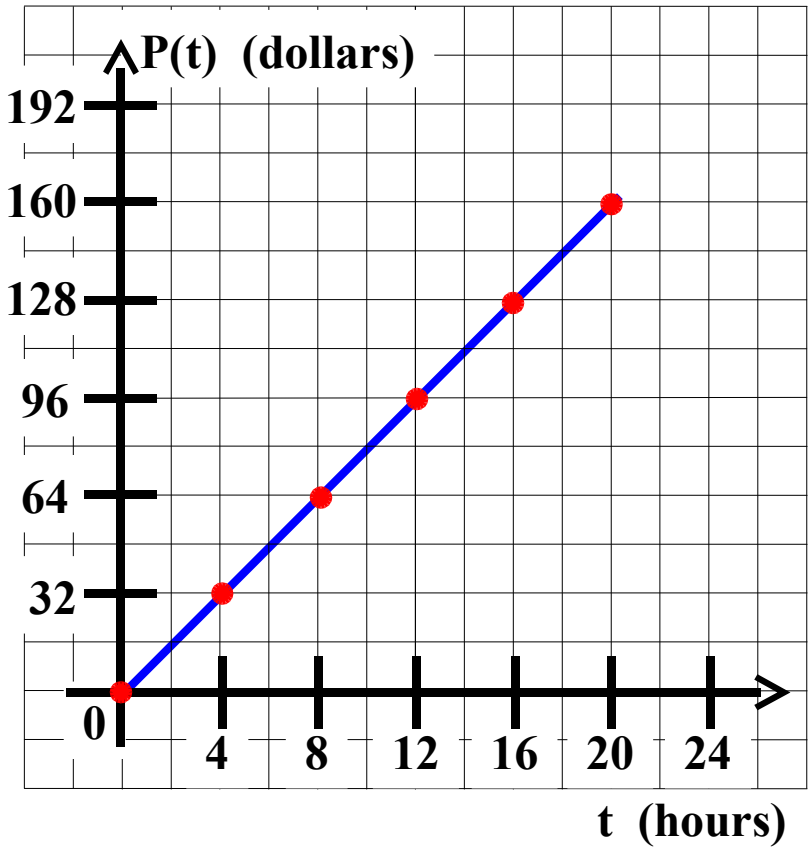
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

2. Graph function P.



3. Write an equation giving P(t) in terms of t. $P(t)$

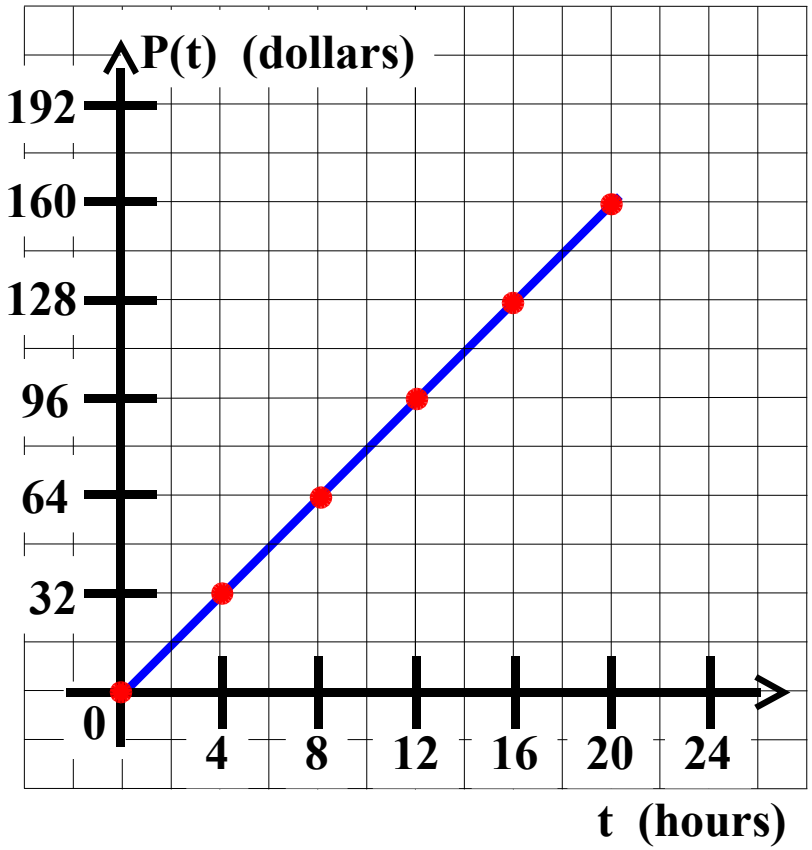
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

2. Graph function P.



3. Write an equation giving P(t) in terms of t.

P(t) =

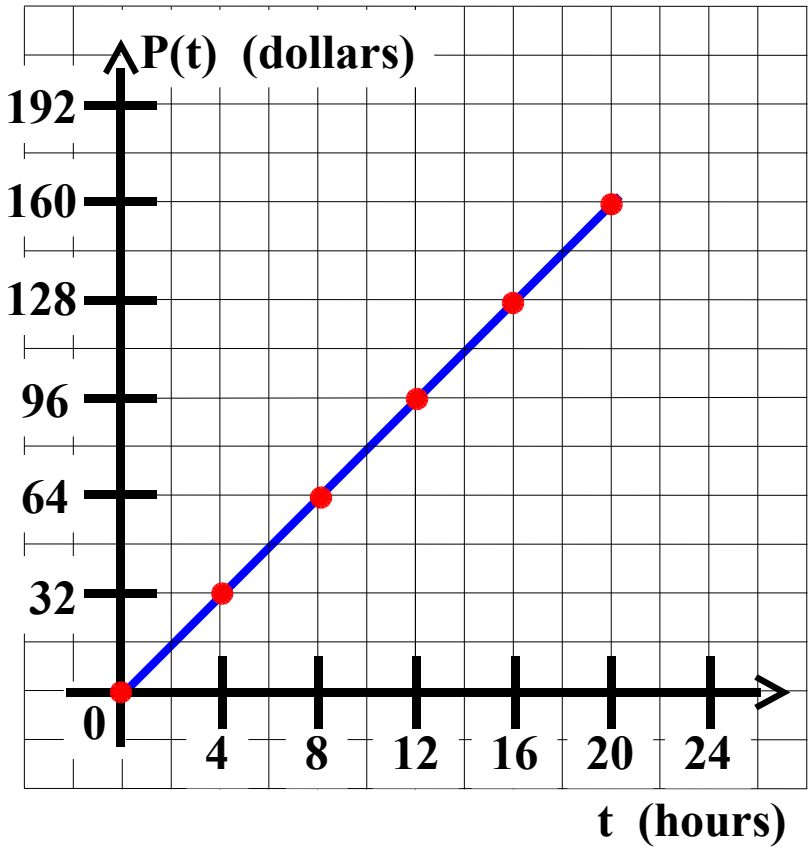
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

2. Graph function P.



3. Write an equation giving P(t) in terms of t. $P(t) = 8t$

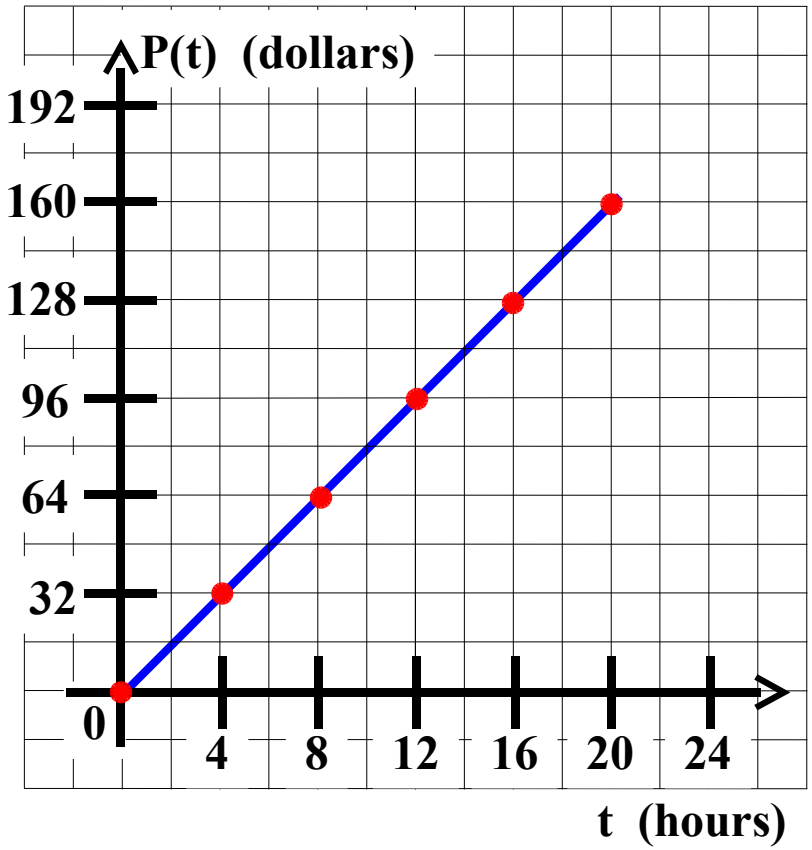
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

2. Graph function P.



3. Write an equation giving P(t) in terms of t.

$$P(t) = 8t$$

$8 per hour for t hours.

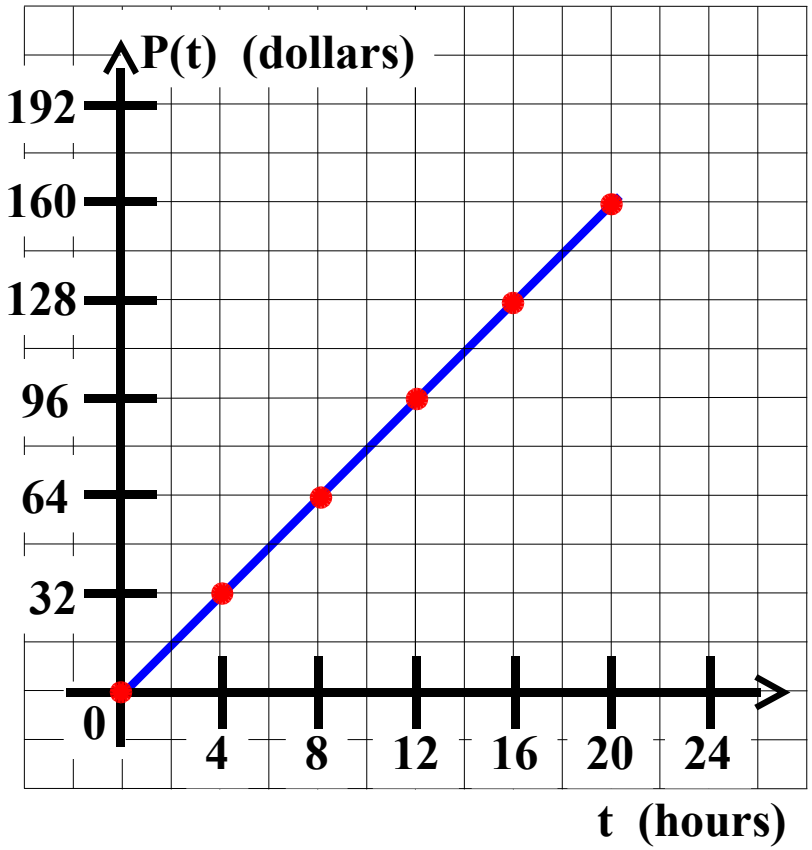
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

2. Graph function P.



3. Write an equation giving P(t) in terms of t.

$$P(t) = 8t$$

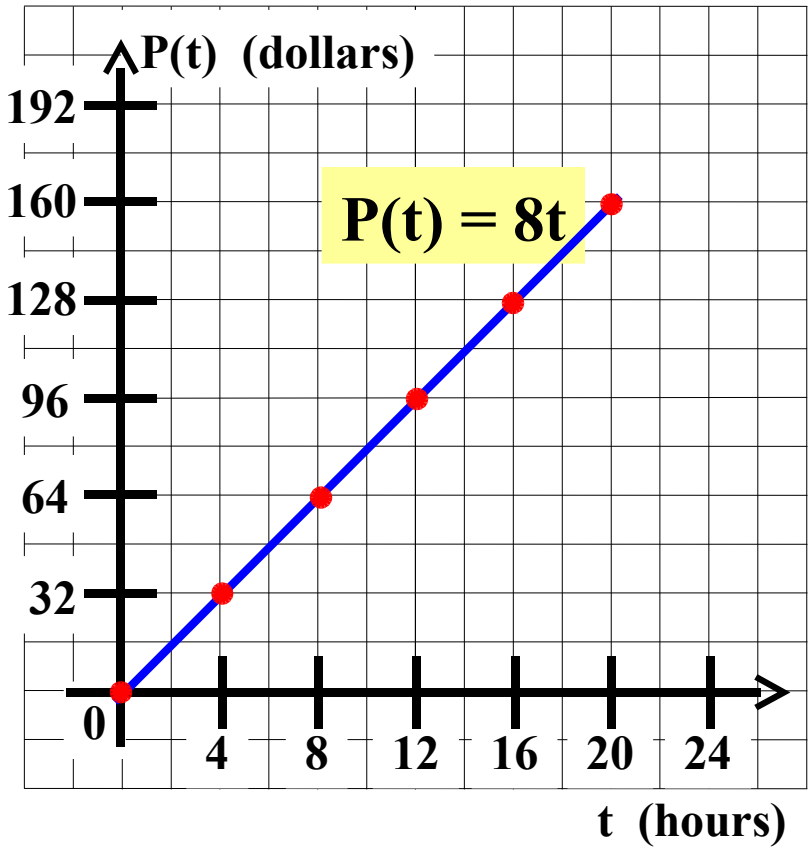
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

2. Graph function P.



3. Write an equation giving P(t) in terms of t.

P(t) = 8t

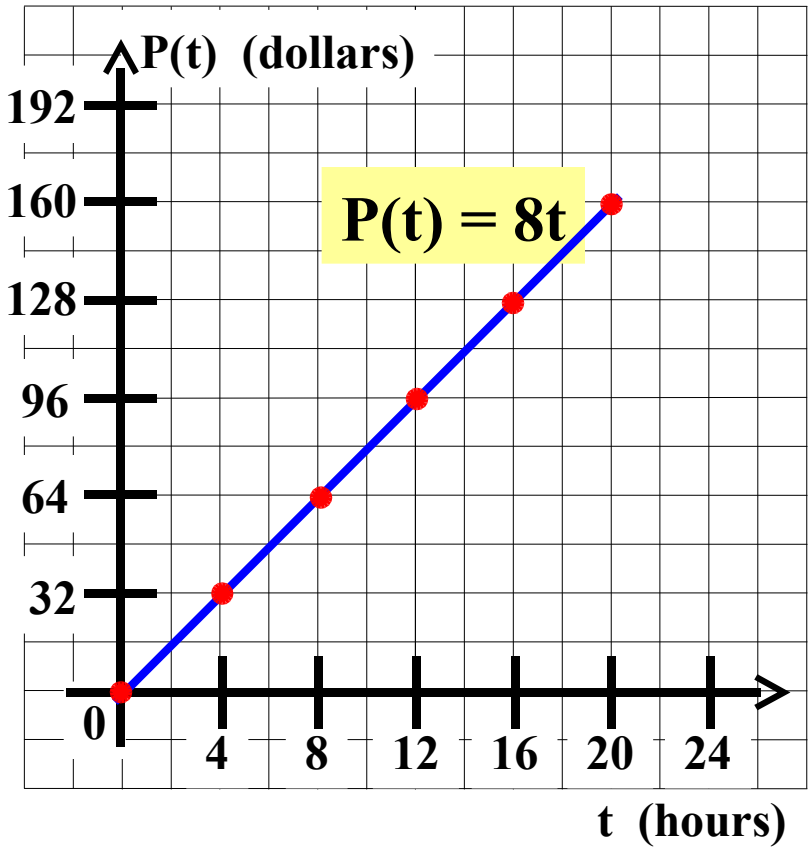
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

2. Graph function P.



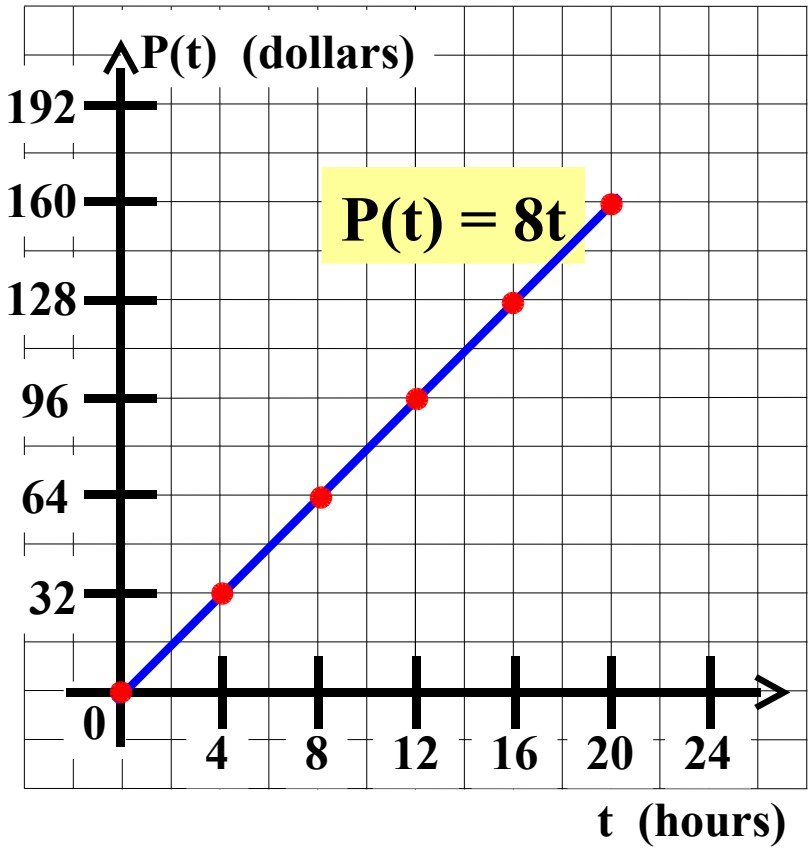
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

2. Graph function P.



4. What is the domain of function P?

_____

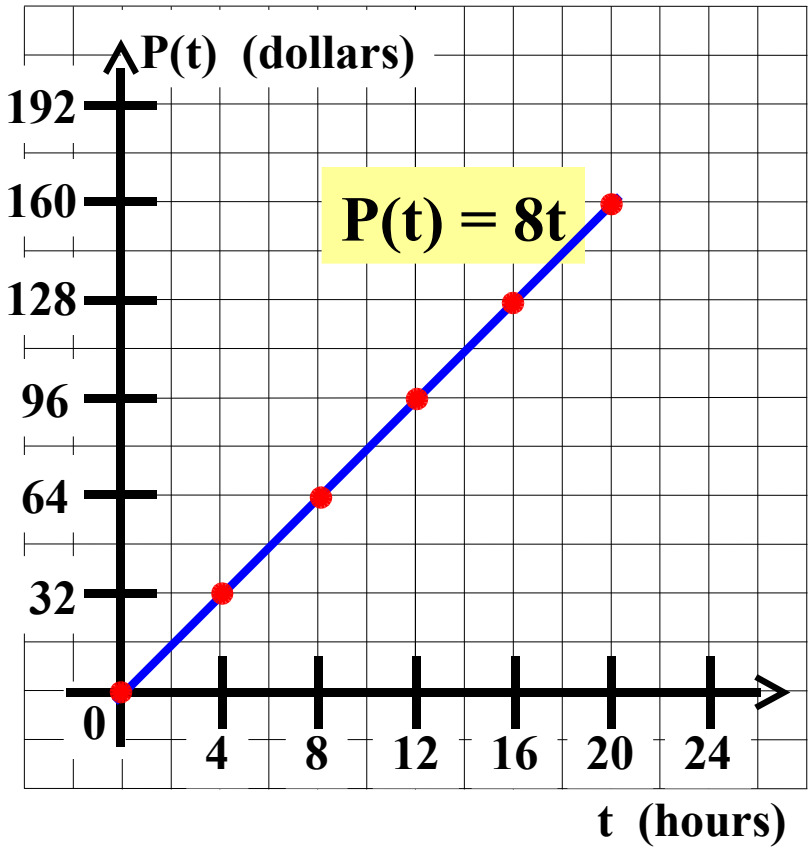
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

2. Graph function P.



4. What is the domain of function P?

_____

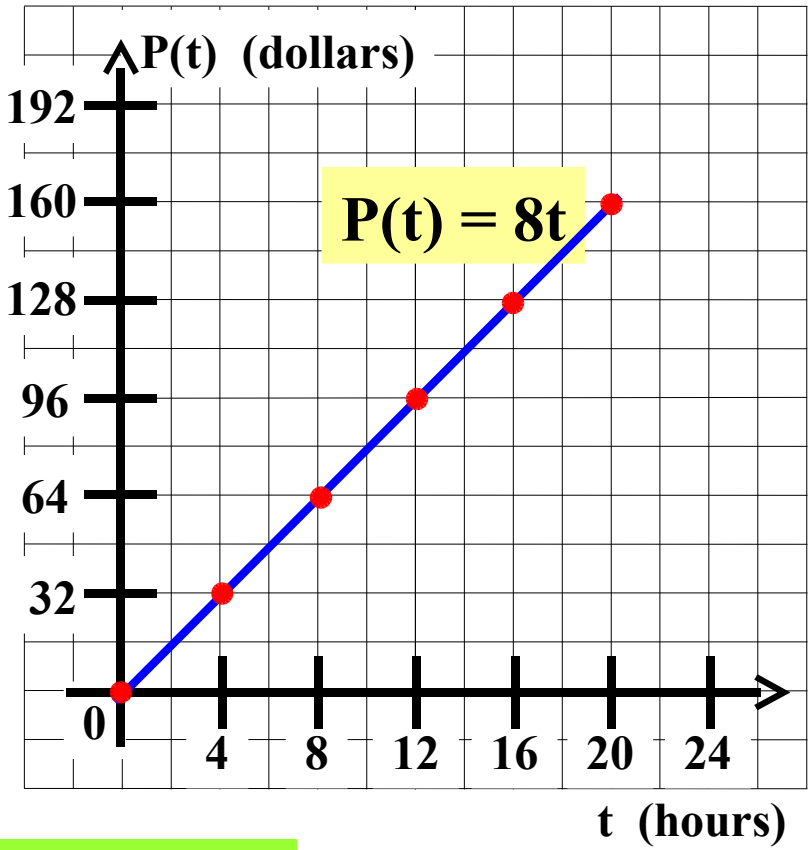
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

2. Graph function P.



4. What is the domain of function P?

[_____

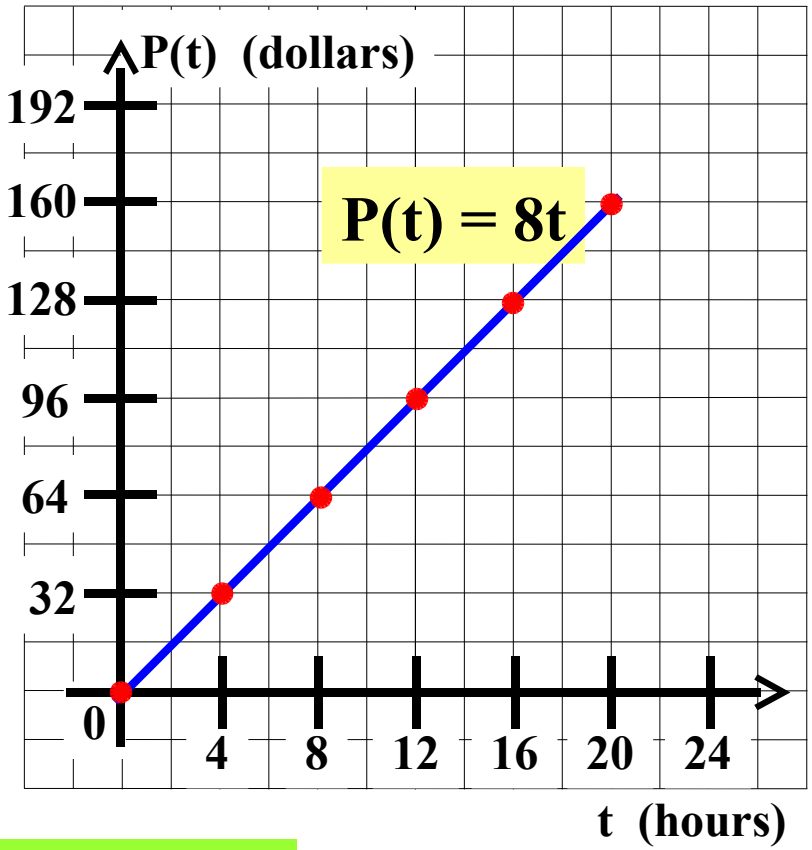
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

2. Graph function P.



4. What is the domain of function P?

[0,

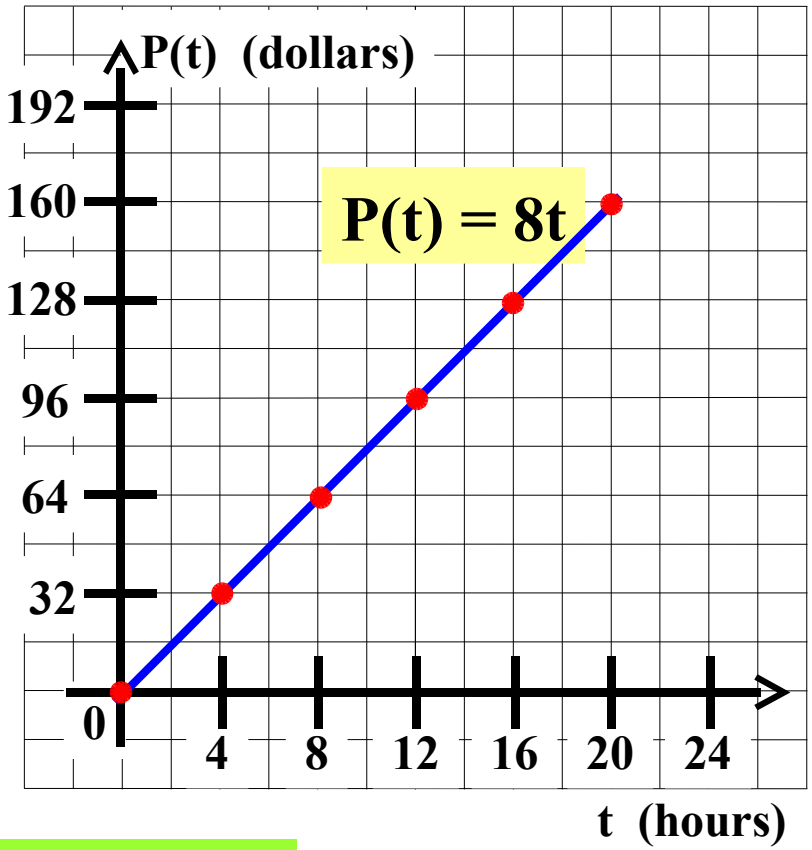
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

2. Graph function P.



4. What is the domain of function P?

[0, 20

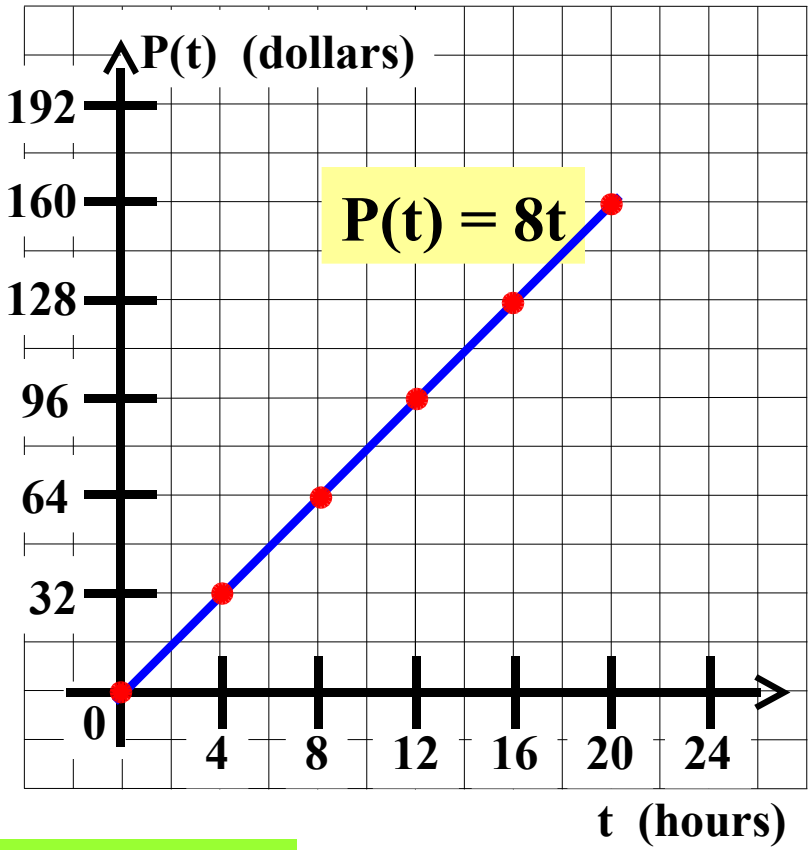
Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

2. Graph function P.



4. What is the domain of function P?

[0, 20]

Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

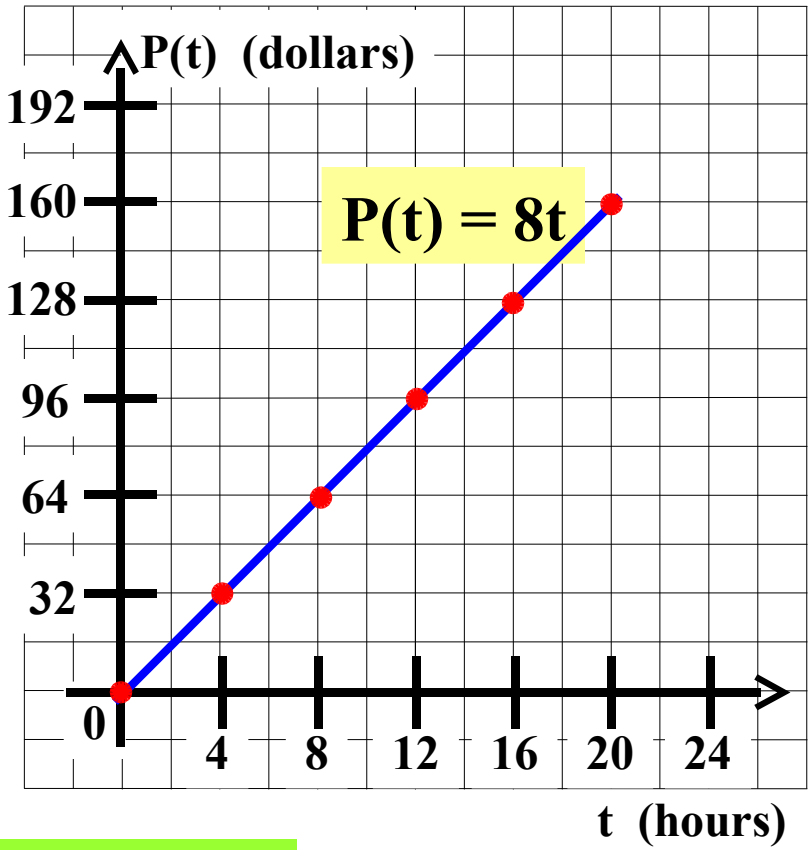
1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

domain

[0, 20]

2. Graph function P.



4. What is the domain of function P?

[0, 20]

Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

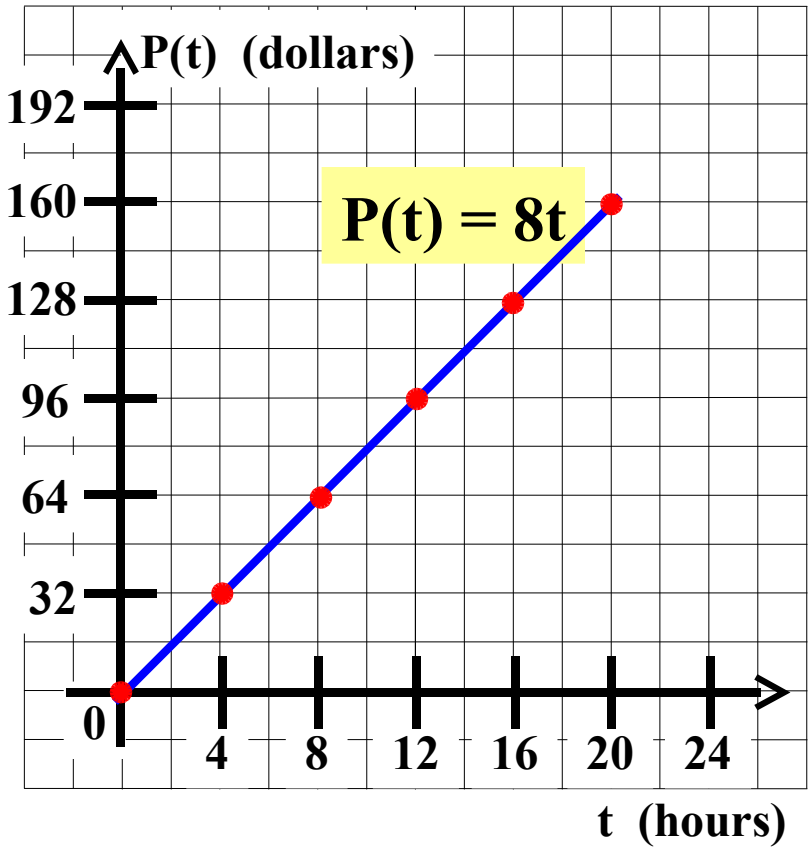
1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

domain

[0, 20]

2. Graph function P.



Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

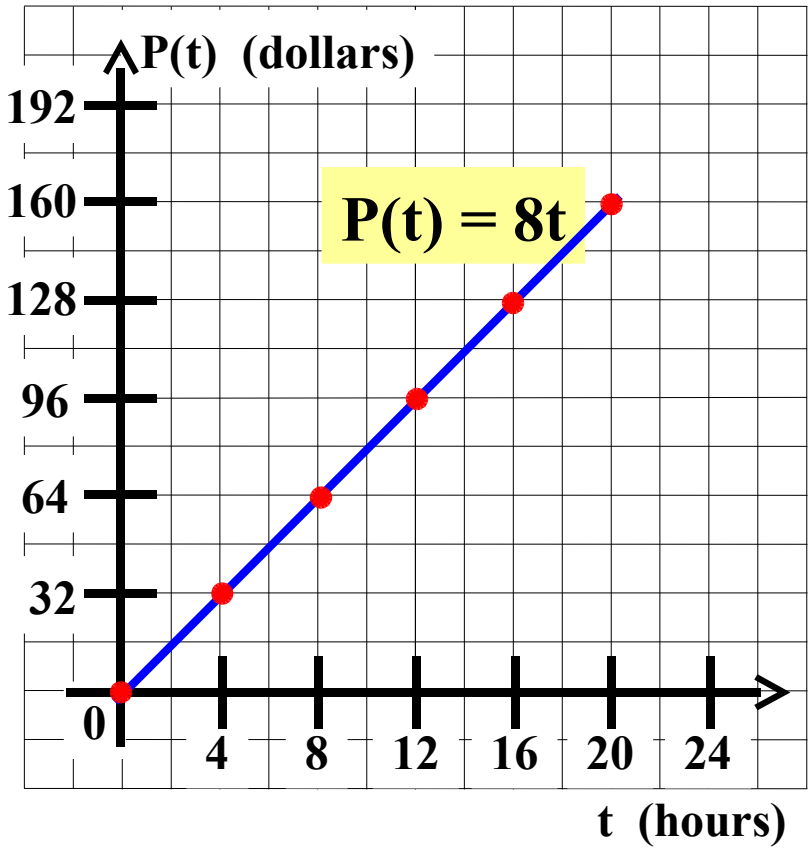
1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

domain

[0, 20]

2. Graph function P.



5. What is the range of function P?

_____

Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

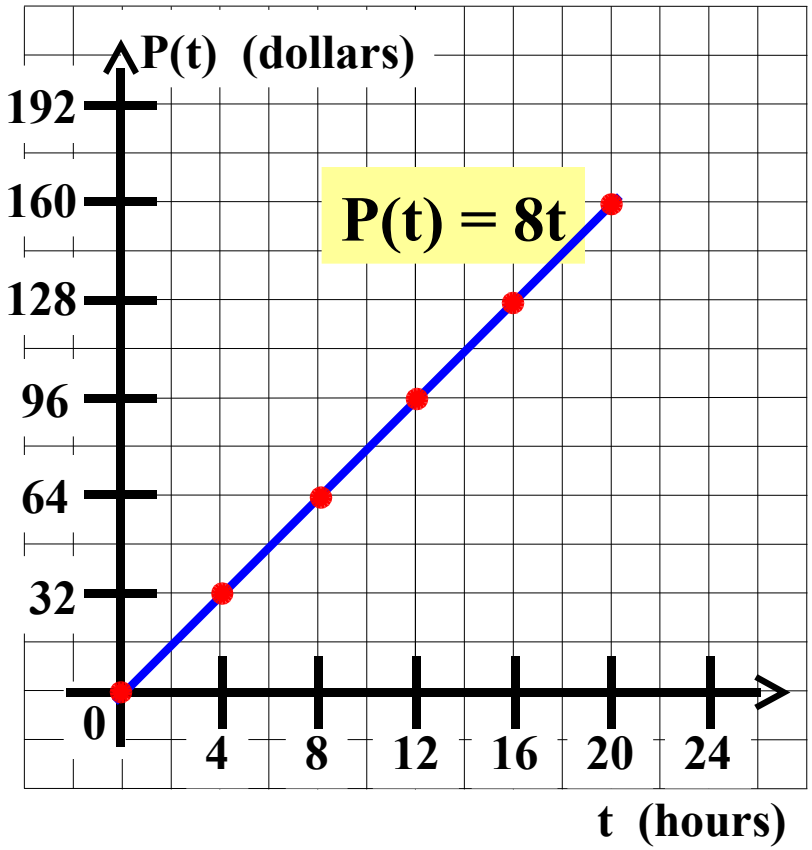
1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

domain

[0, 20]

2. Graph function P.



5. What is the range of function P?

_____

Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

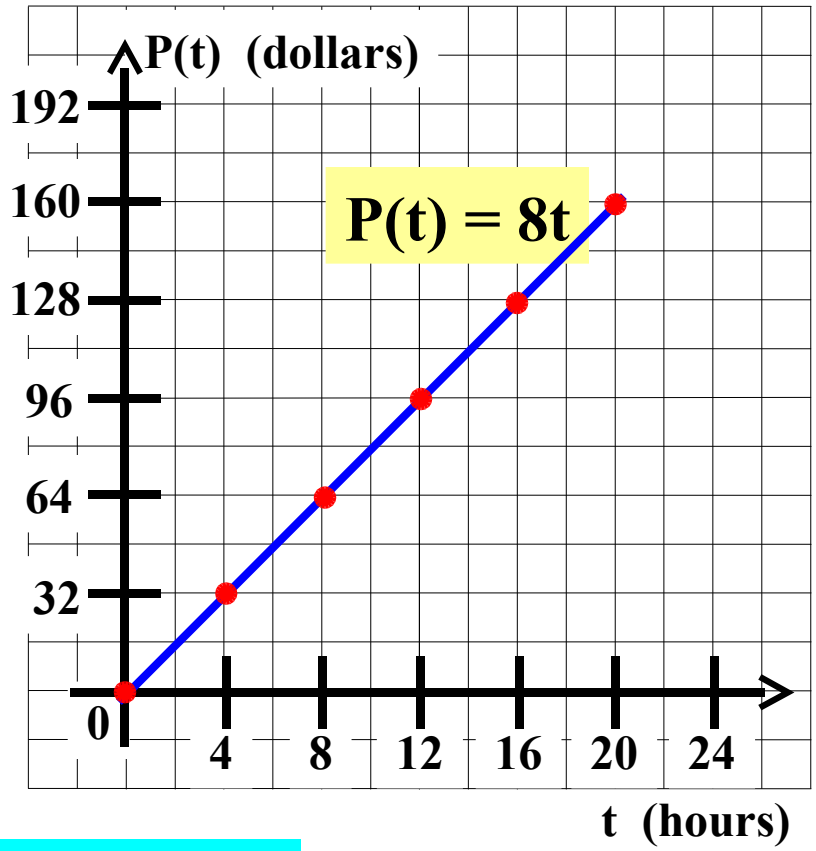
1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

domain

[0, 20]

2. Graph function P.



5. What is the range of function P?

[_____

Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

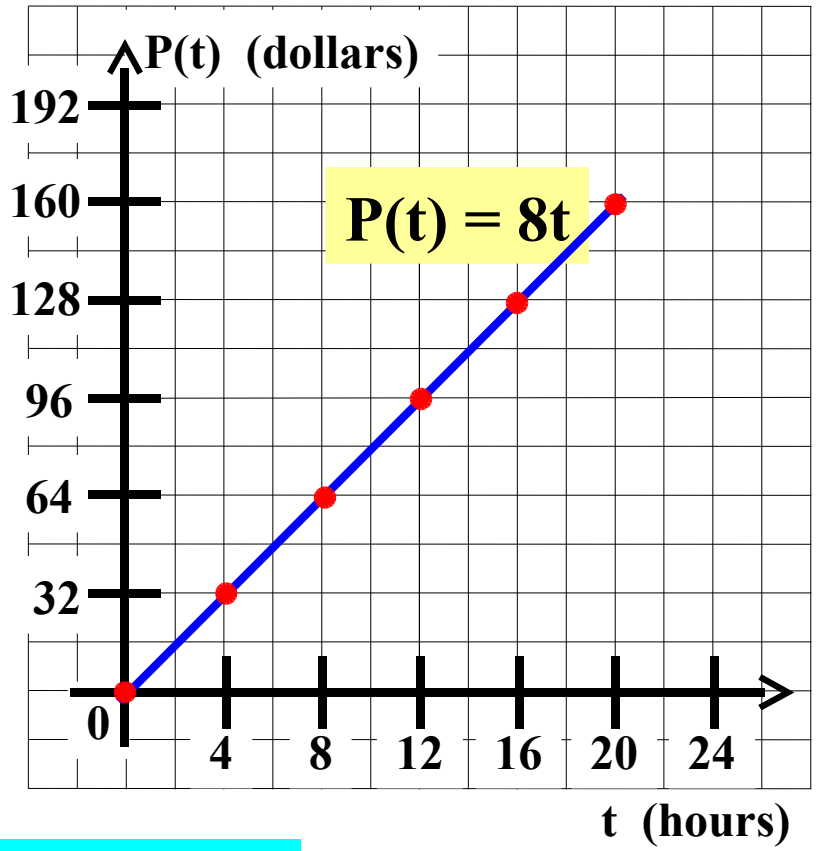
1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

domain

[0, 20]

2. Graph function P.



5. What is the range of function P?

[0,

Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

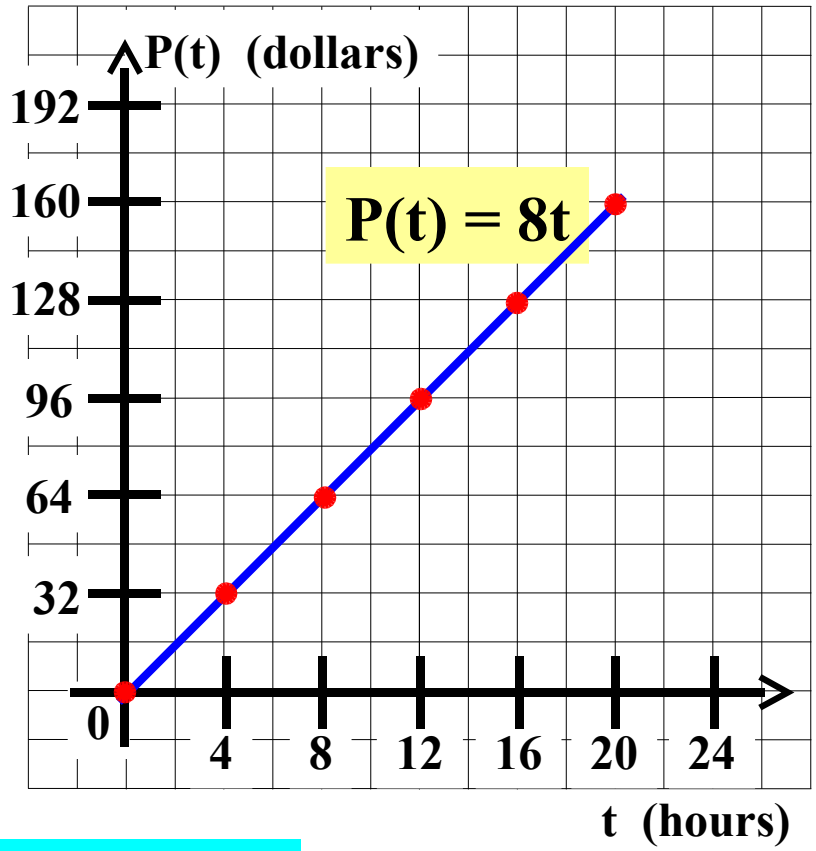
1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

domain

[0, 20]

2. Graph function P.



5. What is the range of function P?

[0, 160

Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

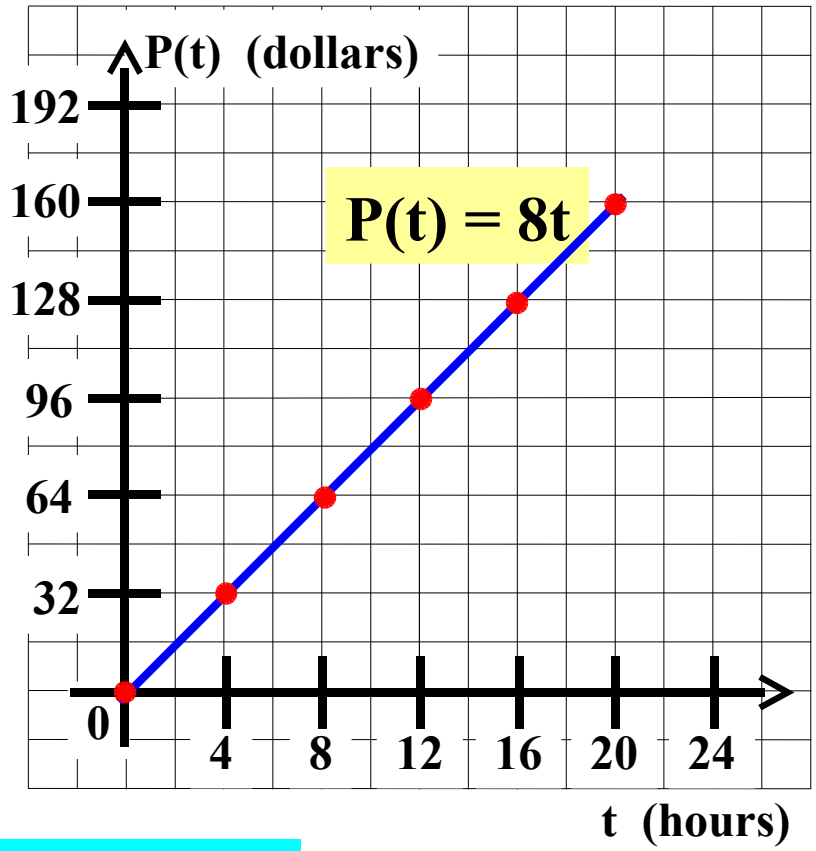
1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

domain

[0, 20]

2. Graph function P.



5. What is the range of function P?

[0, 160]

Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

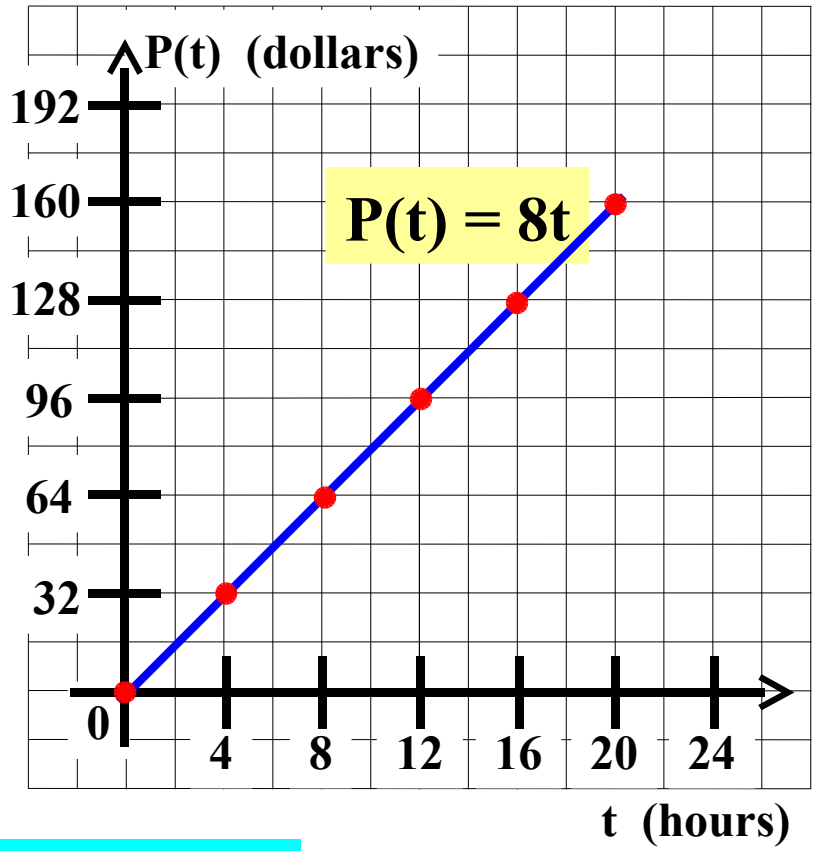
domain

[0, 20]

range

[0, 160]

2. Graph function P.



5. What is the range of function P?

[0, 160]

Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

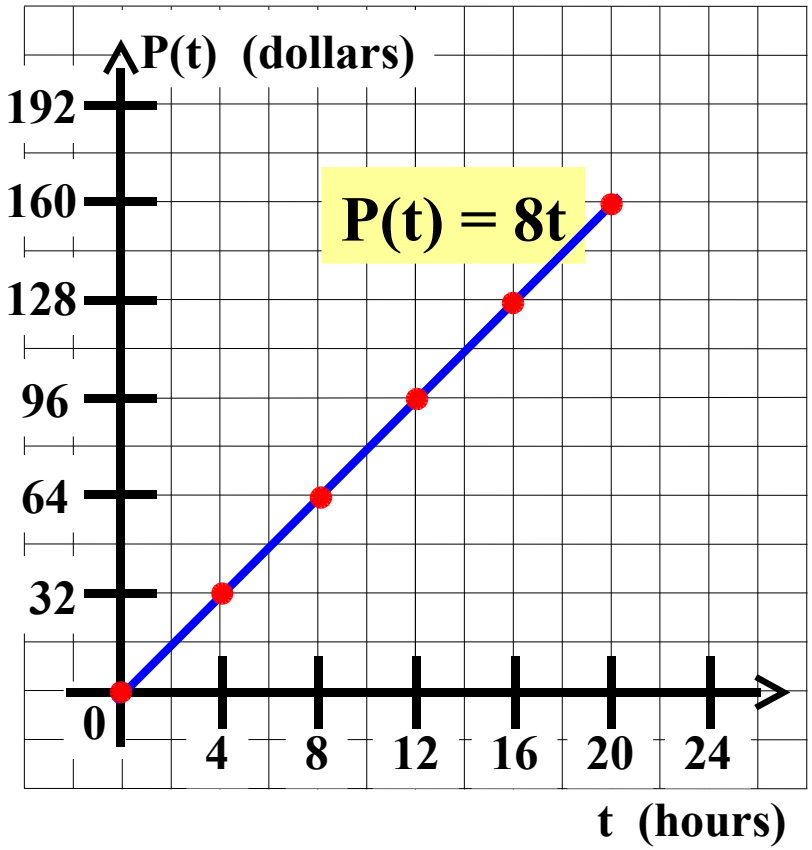
domain

[0, 20]

range

[0, 160]

2. Graph function P.



Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

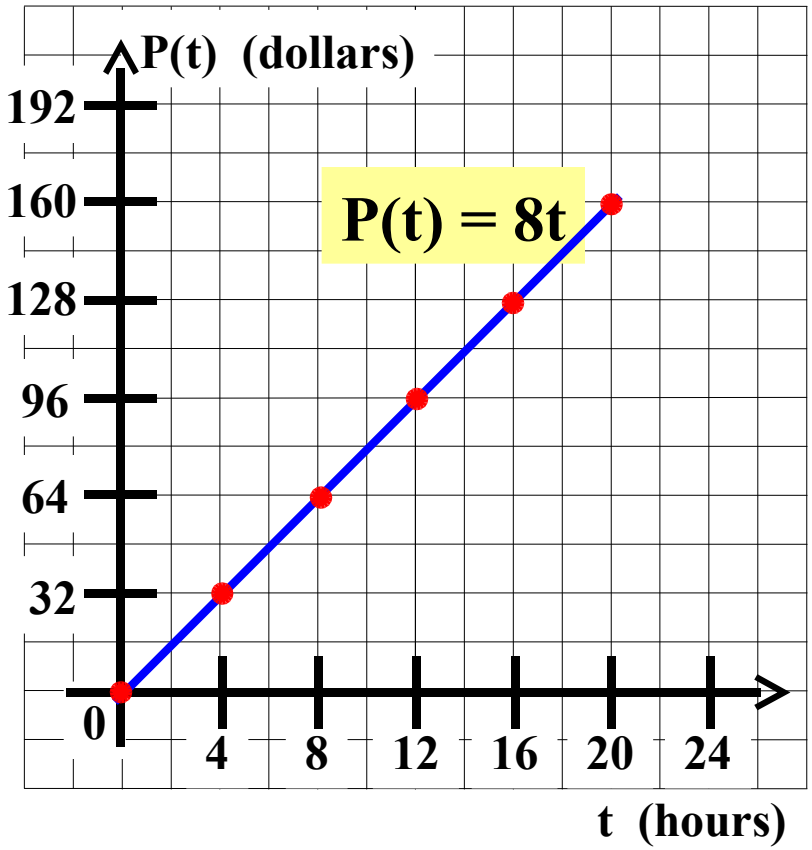
domain

[0, 20]

range

[0, 160]

2. Graph function P.



6. Evaluate P(8).

Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

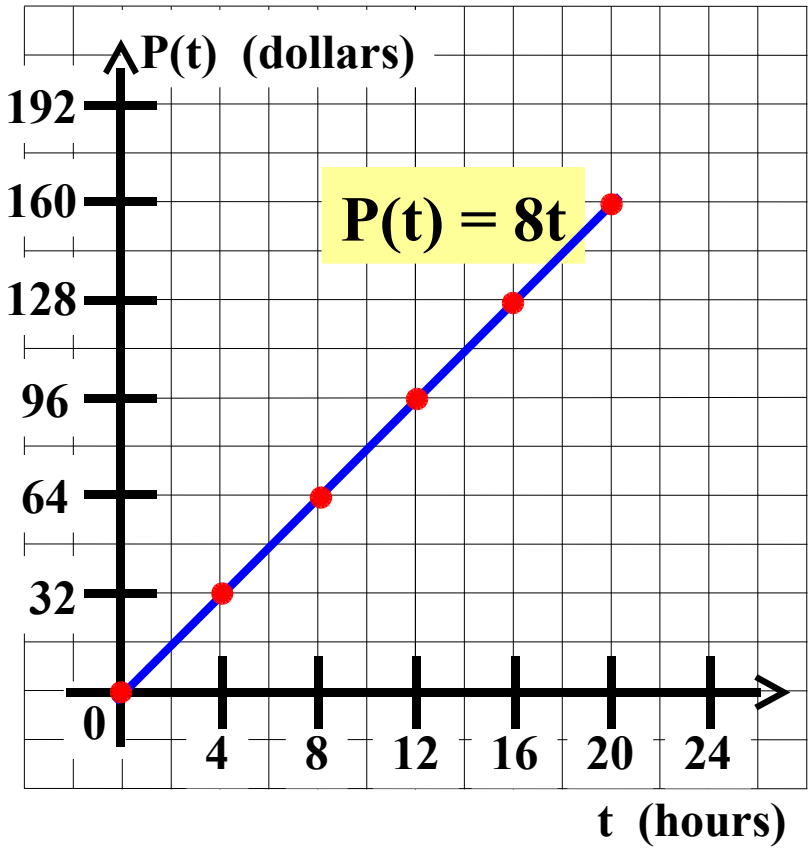
domain

[0, 20]

range

[0, 160]

2. Graph function P.



6. Evaluate P(8).

Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

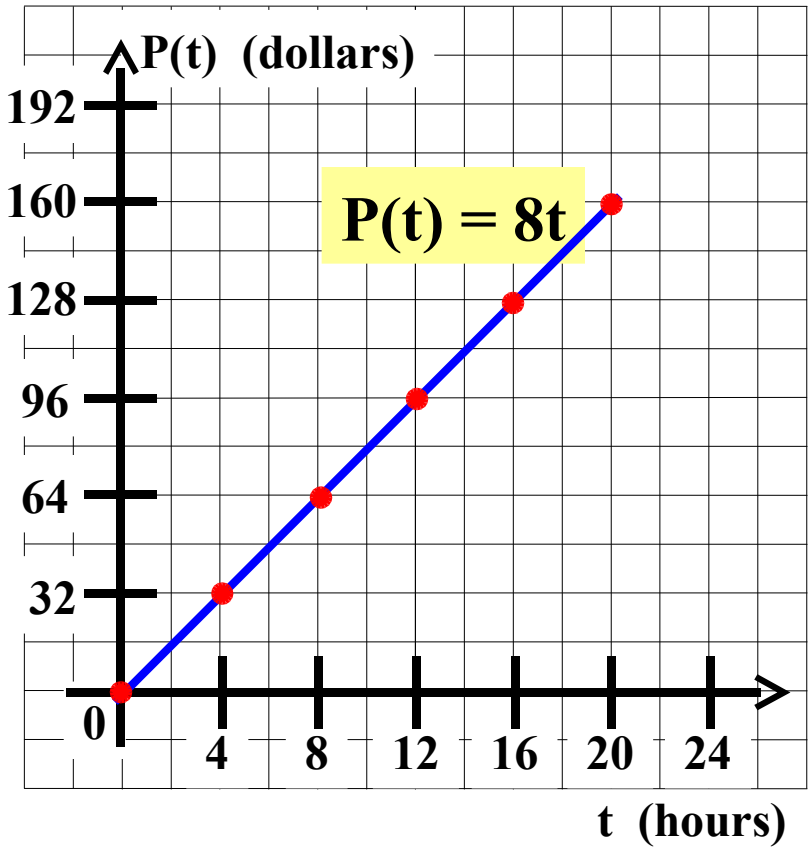
domain

[0, 20]

range

[0, 160]

2. Graph function P.



6. Evaluate P(8).

P(8)

Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

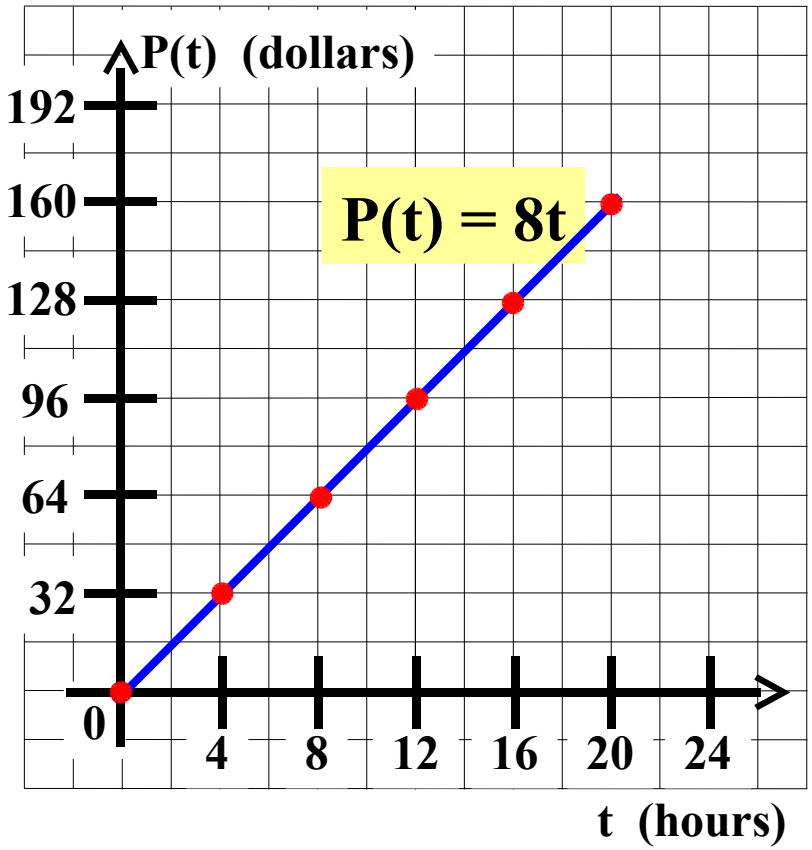
domain

[0, 20]

range

[0, 160]

2. Graph function P.



6. Evaluate P(8).

P(8) =

Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

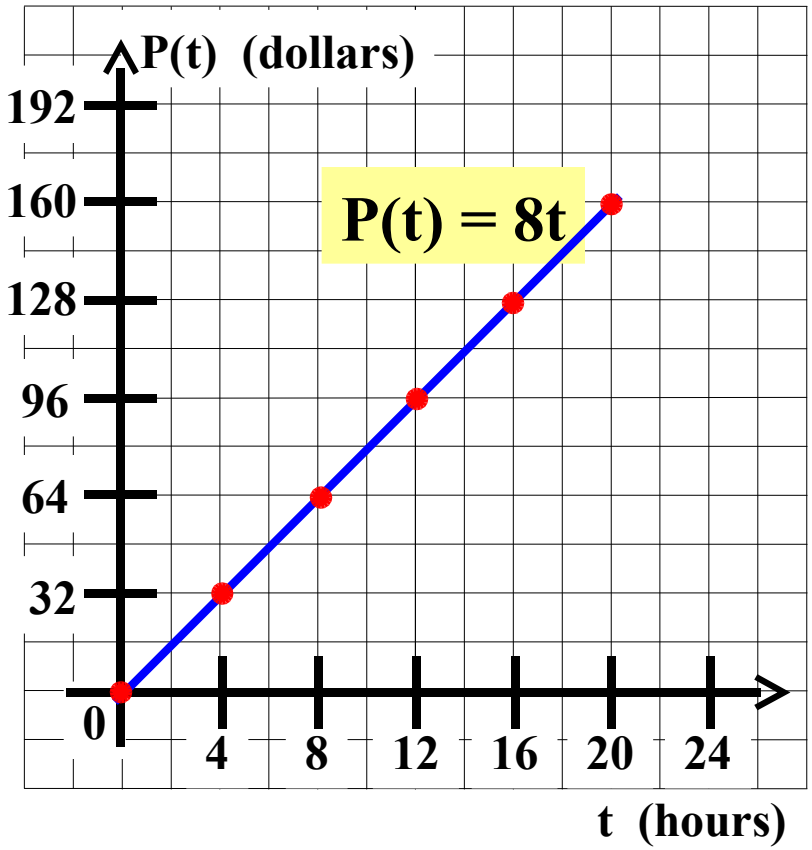
domain

[0, 20]

range

[0, 160]

2. Graph function P.



6. Evaluate P(8).

P(8) = 64

Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

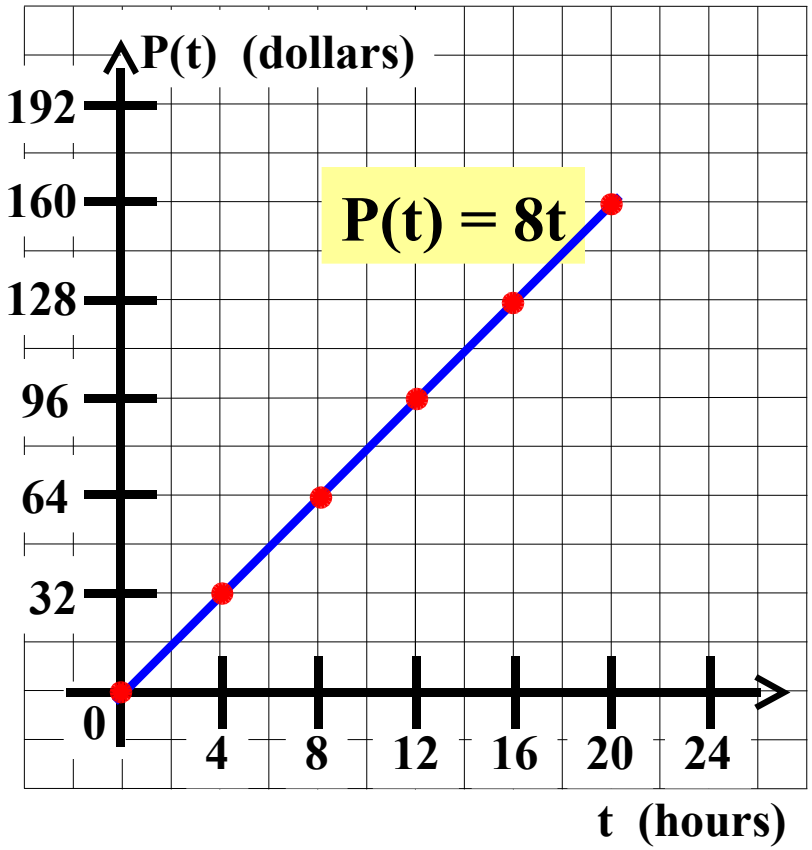
domain

[0, 20]

range

[0, 160]

2. Graph function P.



6. Evaluate P(8).

P(8) = 64

Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

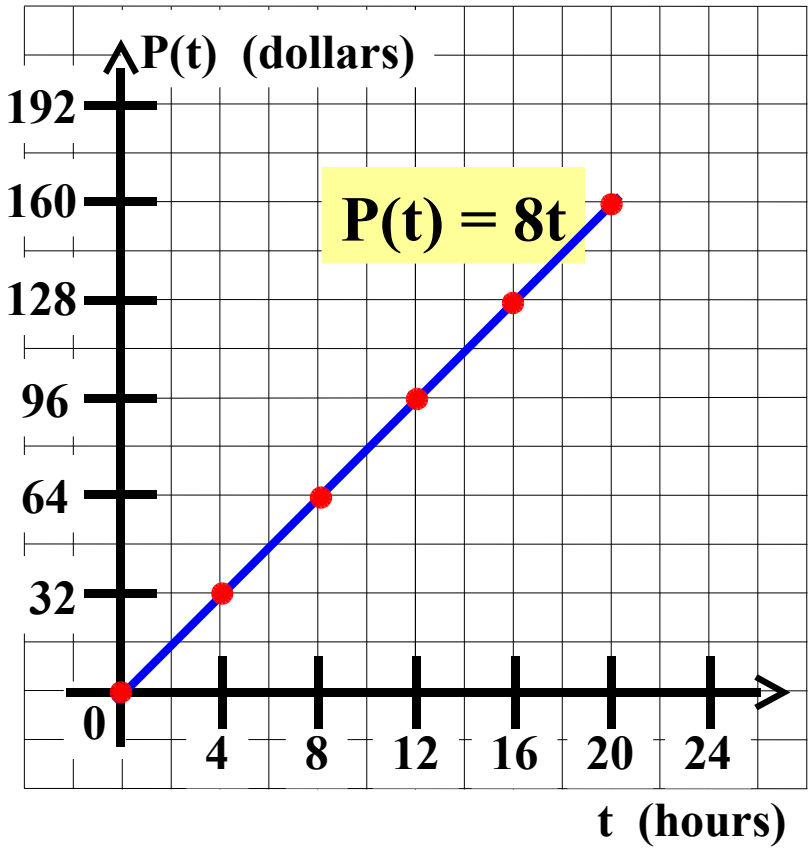
domain

[0, 20]

range

[0, 160]

2. Graph function P.



6. Evaluate P(8). What does P(8) represent in terms of the problem?

P(8) = 64

Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

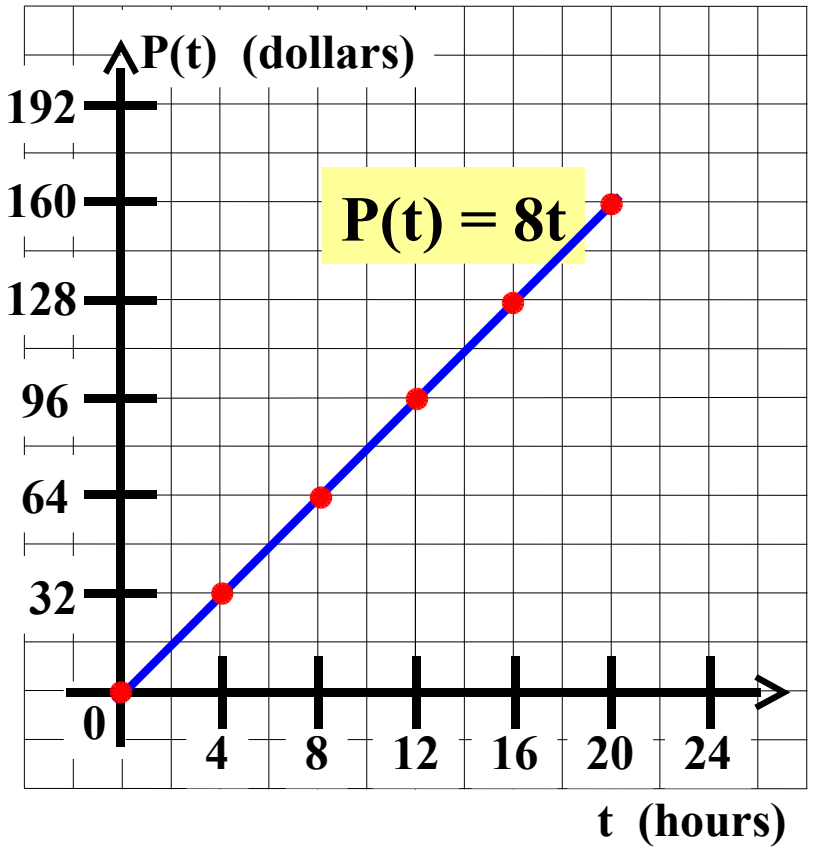
domain

[0, 20]

range

[0, 160]

2. Graph function P.



6. Evaluate P(8). What does P(8) represent in terms of the problem?

P(8) = 64

Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

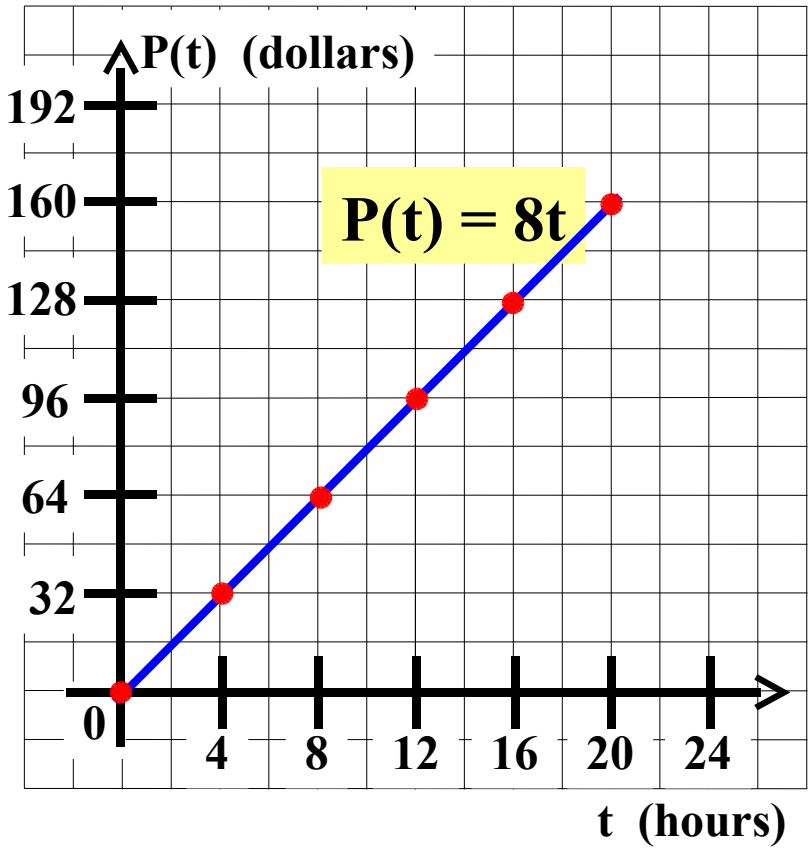
domain

[0, 20]

range

[0, 160]

2. Graph function P.



6. Evaluate P(8). What does P(8) represent in terms of the problem?

P(8) = 64

P(8) represents Tom's total pay

Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

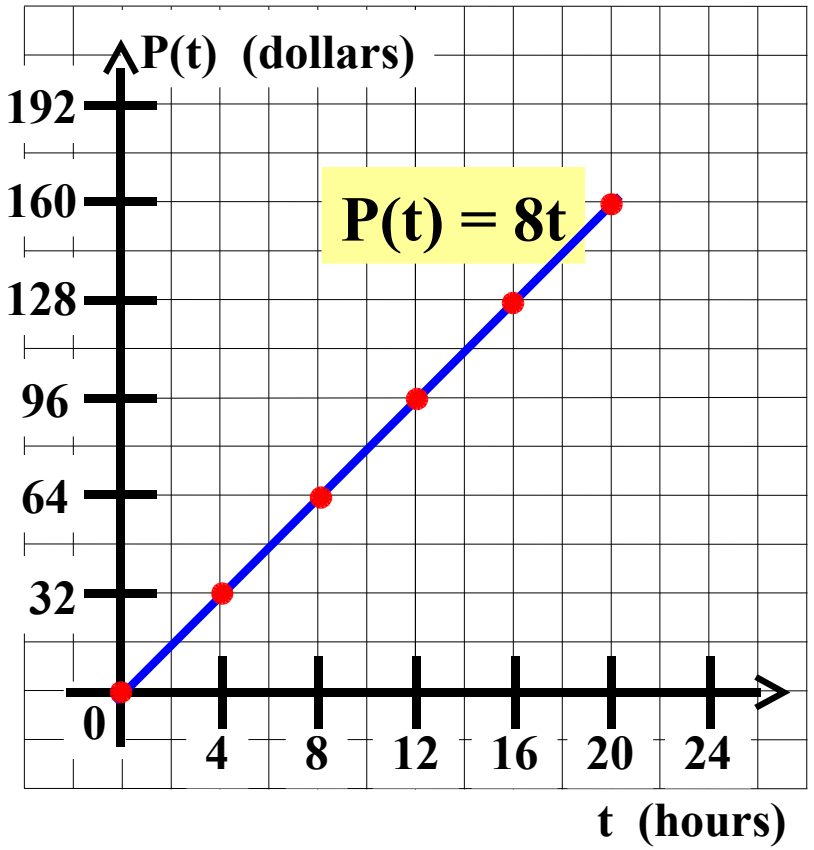
domain

[0, 20]

range

[0, 160]

2. Graph function P.



6. Evaluate P(8). What does P(8) represent in terms of the problem?

P(8) = 64

P(8) represents Tom's total pay for working 8 hours.

Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

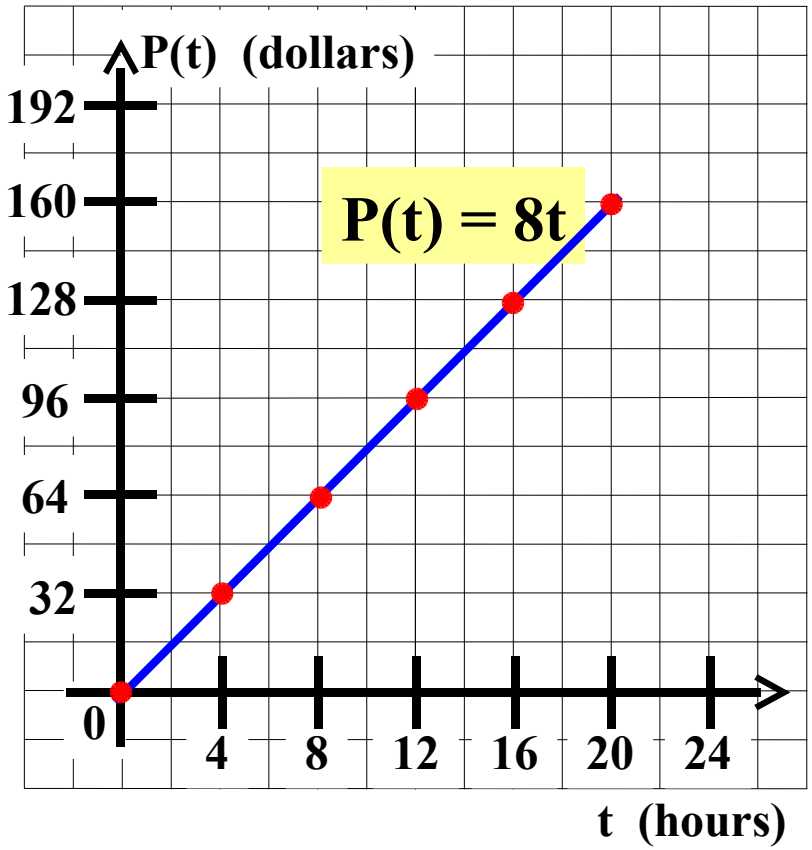
domain

[0, 20]

range

[0, 160]

2. Graph function P.



6. Evaluate P(8). What does P(8) represent in terms of the problem?

P(8) = 64 dollars

P(8) represents Tom's total pay for working 8 hours.

Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

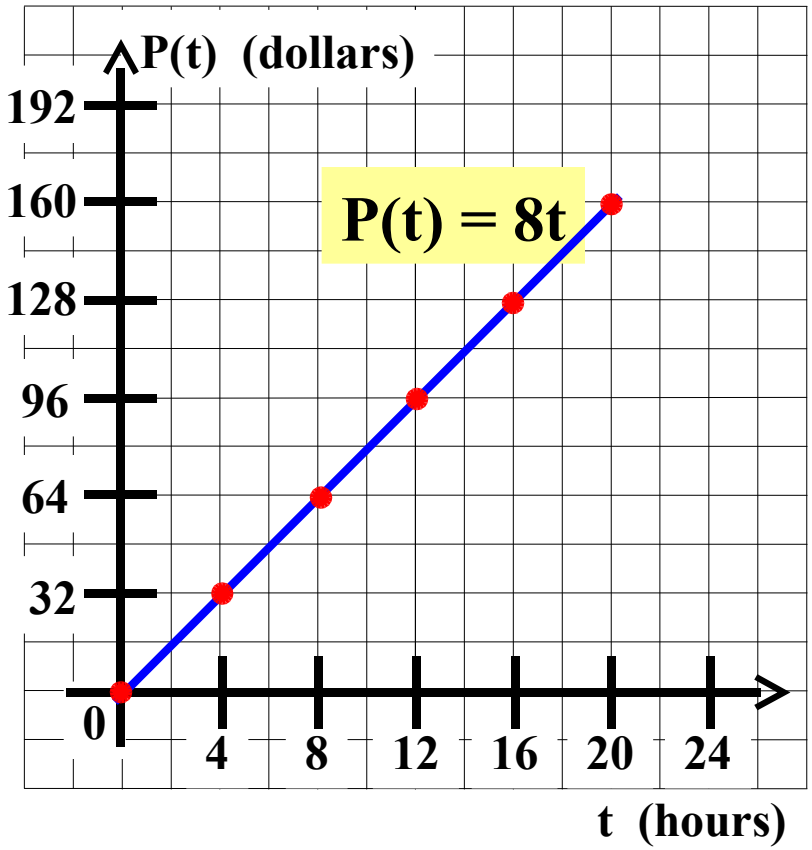
domain

[0, 20]

range

[0, 160]

2. Graph function P.



7. If P(t) = 28, then find the value of t.

Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

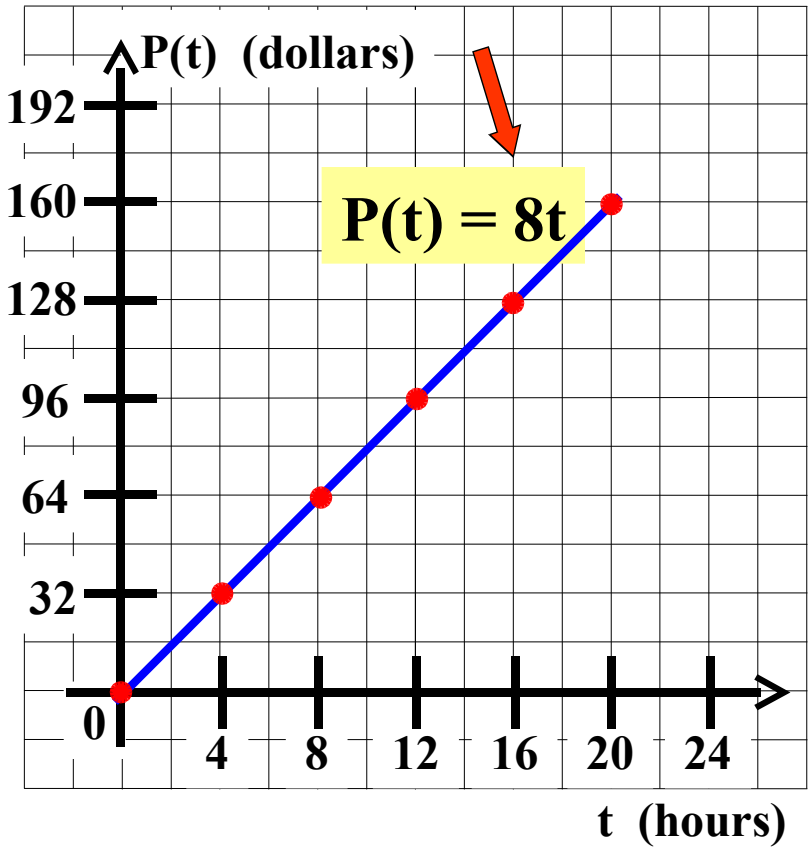
domain

[0, 20]

range

[0, 160]

2. Graph function P.



7. If P(t) = 28, then find the value of t.

Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

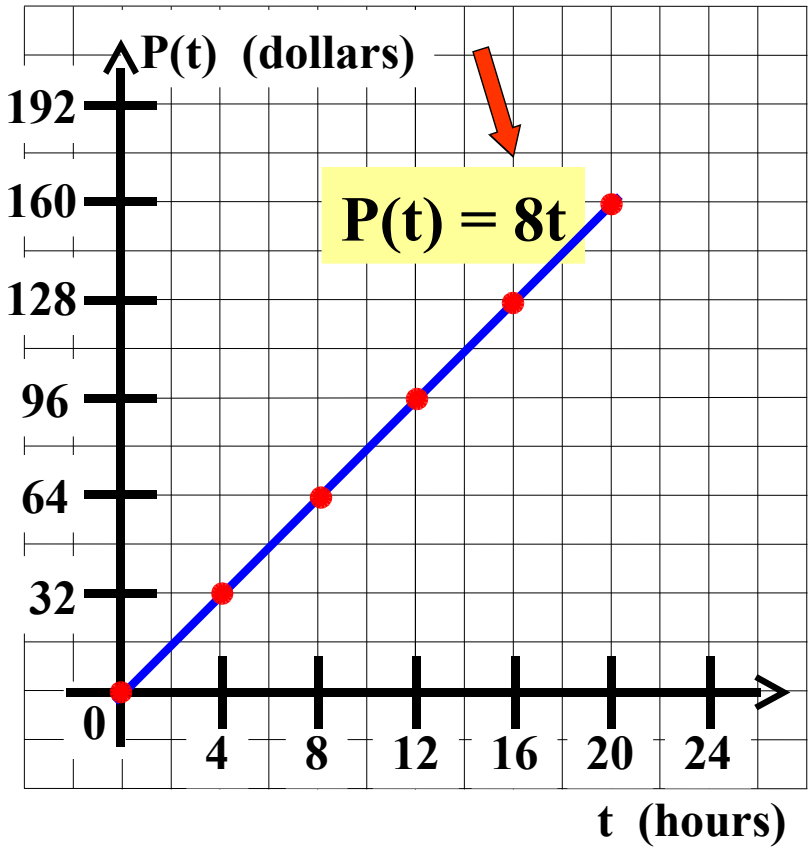
domain

[0, 20]

range

[0, 160]

2. Graph function P.



7. If P(t) = 28, then find the value of t.

8t =

Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

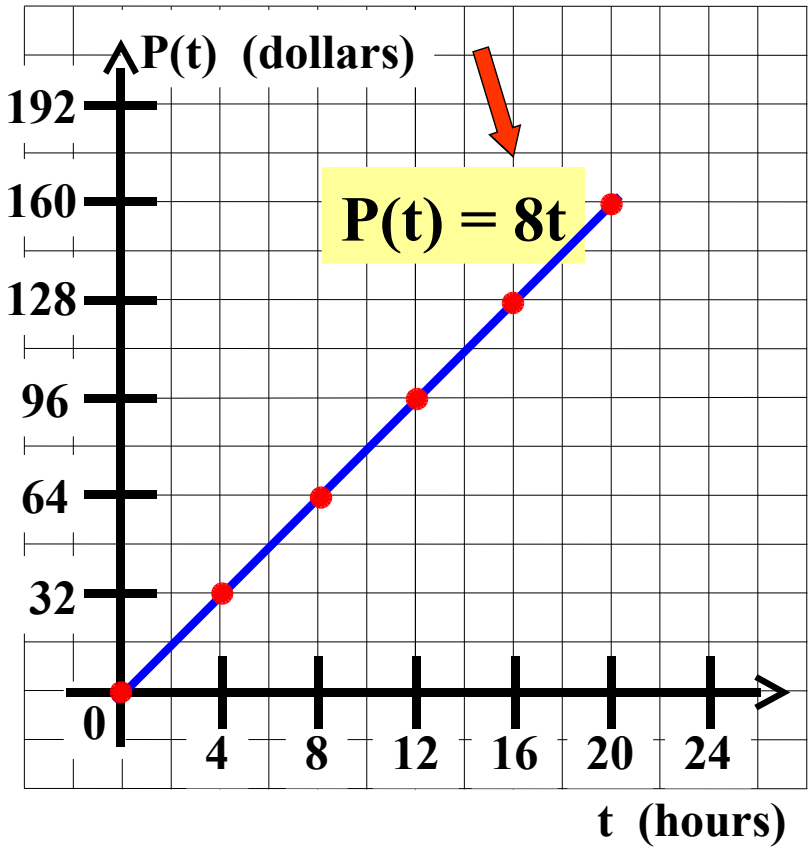
domain

[0, 20]

range

[0, 160]

2. Graph function P.



7. If P(t) = 28, then find the value of t.

$8t = 28$

Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

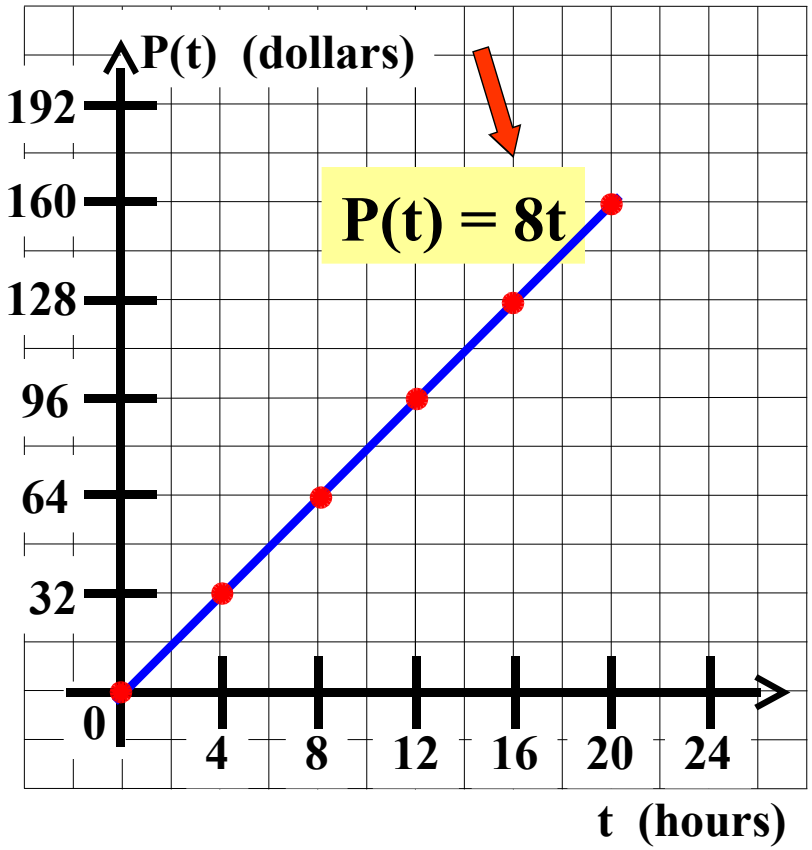
domain

[0, 20]

range

[0, 160]

2. Graph function P.



7. If P(t) = 28, then find the value of t.

$8t = 28$ ⟶

Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

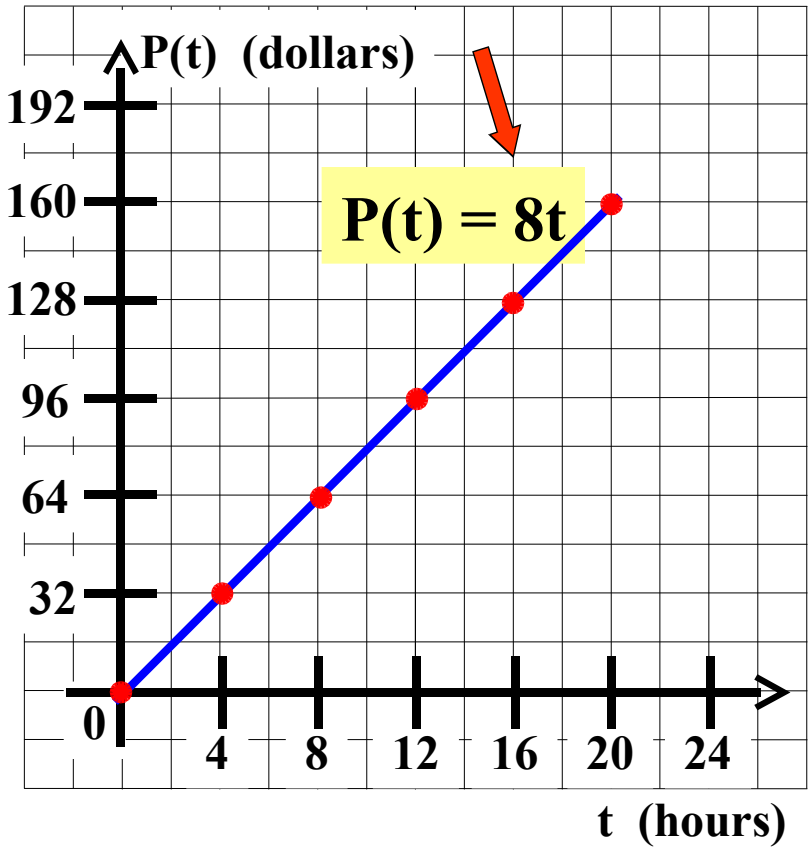
domain

[0, 20]

range

[0, 160]

2. Graph function P.



7. If P(t) = 28, then find the value of t.

8t = 28 ⟶ t =

Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

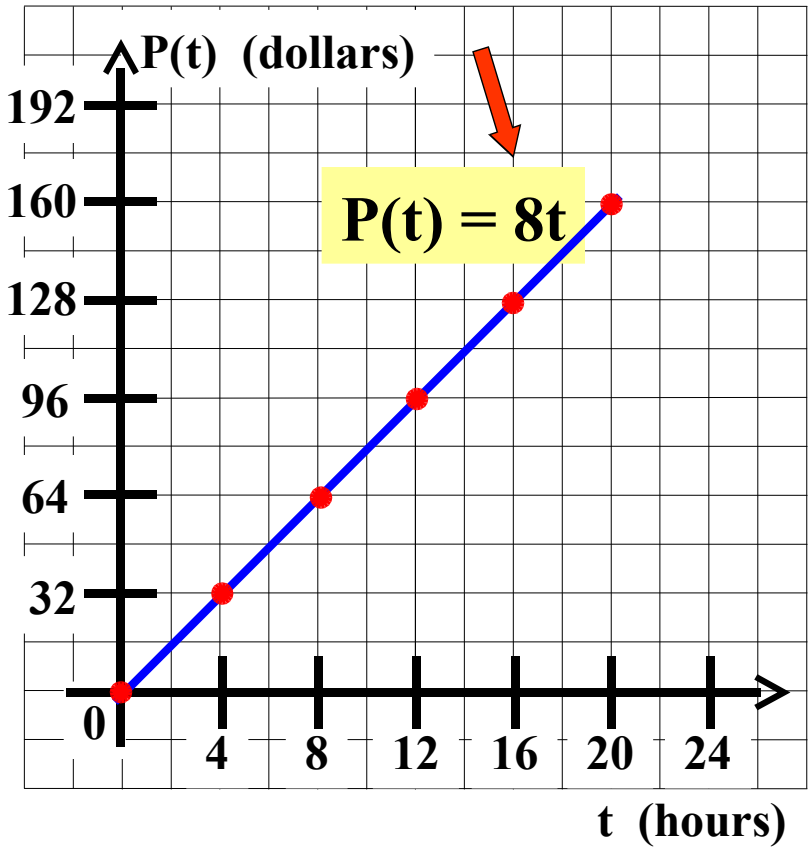
domain

[0, 20]

range

[0, 160]

2. Graph function P.



7. If P(t) = 28, then find the value of t.

$8t = 28 \longrightarrow t = 3.5$

Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

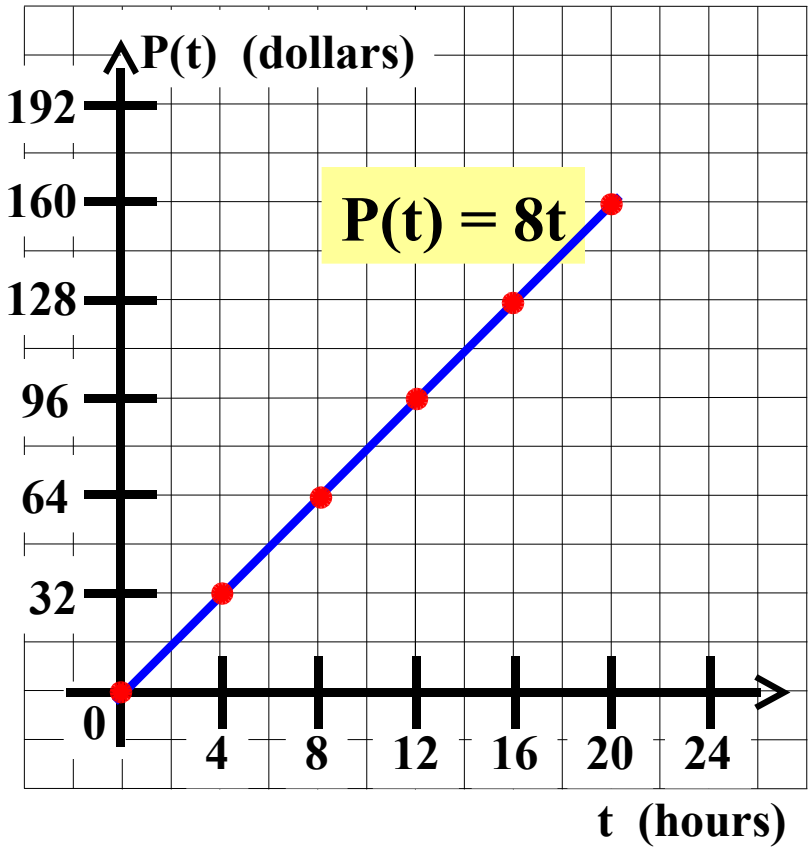
domain

[0, 20]

range

[0, 160]

2. Graph function P.



7. If P(t) = 28, then find the value of t.

$8t = 28 \rightarrow t = 3.5$

Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

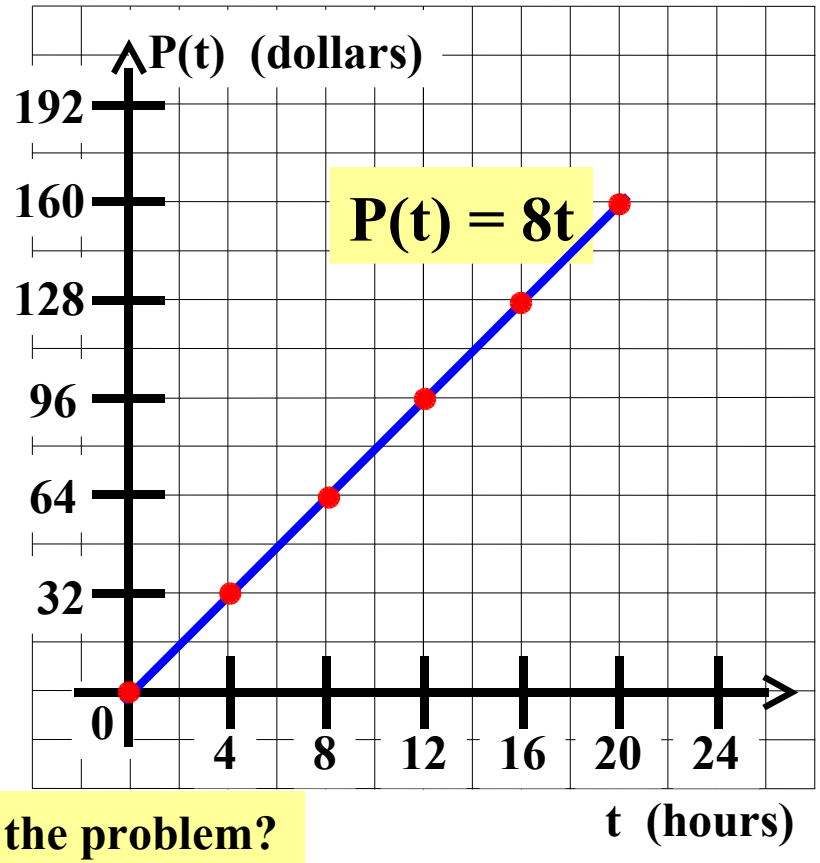
domain

[0, 20]

range

[0, 160]

2. Graph function P.



7. If P(t) = 28, then find the value of t.

What does this value of t represent in terms of the problem?

$8t = 28 \longrightarrow t = 3.5$

Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

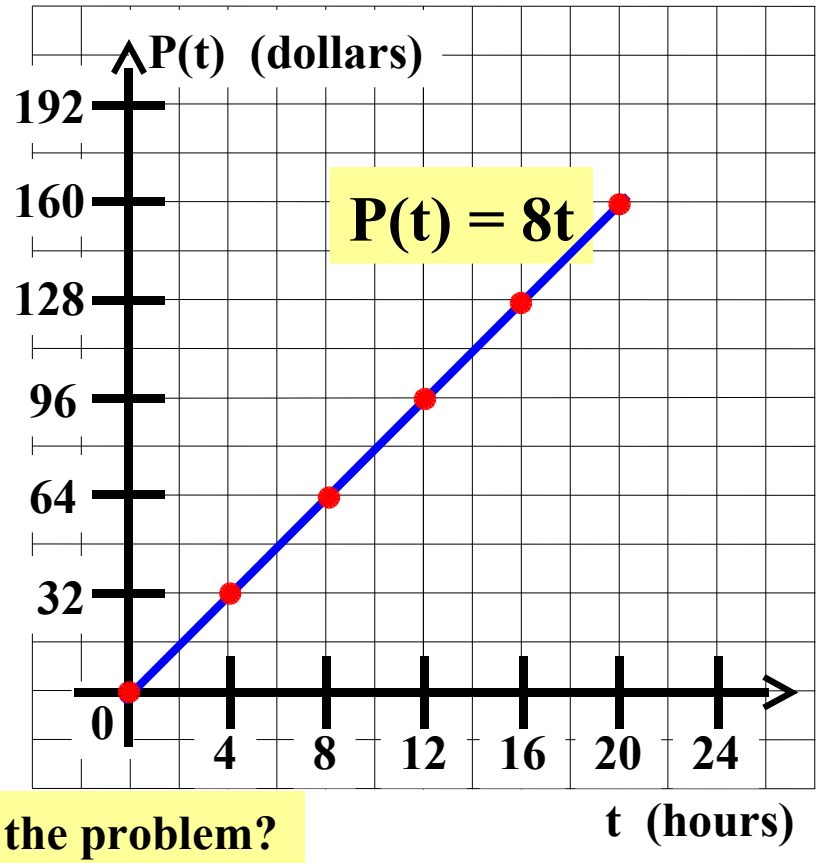
domain

[0, 20]

range

[0, 160]

2. Graph function P.



7. If P(t) = 28, then find the value of t. What does this value of t represent in terms of the problem?

$8t = 28 \longrightarrow t = 3.5$

Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

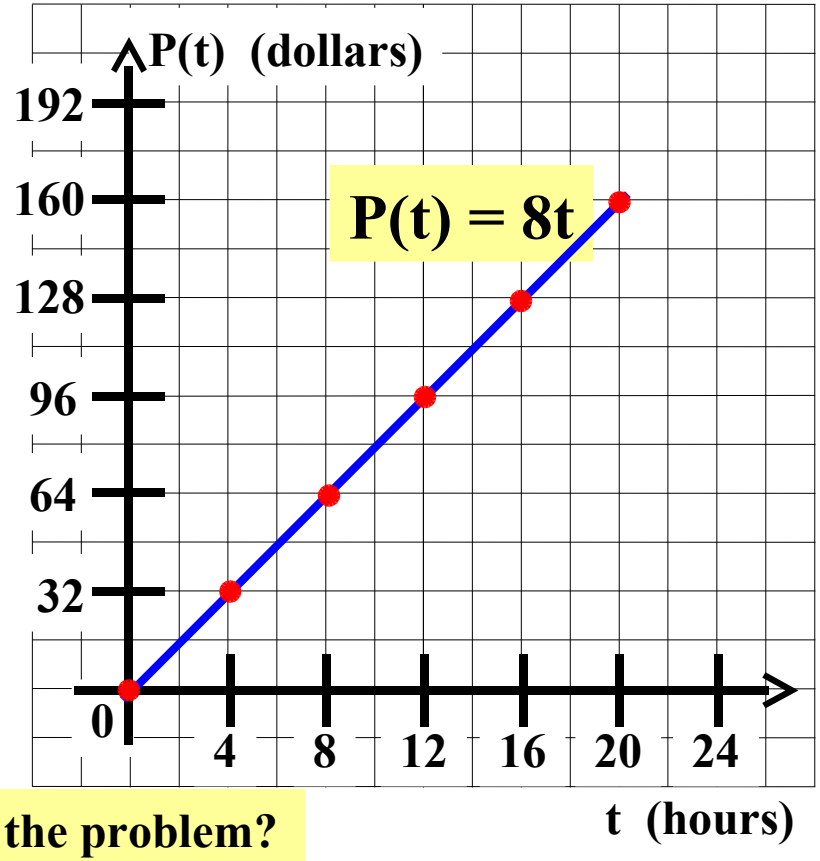
domain

[0, 20]

range

[0, 160]

2. Graph function P.



7. If P(t) = 28, then find the value of t. What does this value of t represent in terms of the problem?

$8t = 28 \longrightarrow t = 3.5$

This represents the number of hours Tom works.

Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

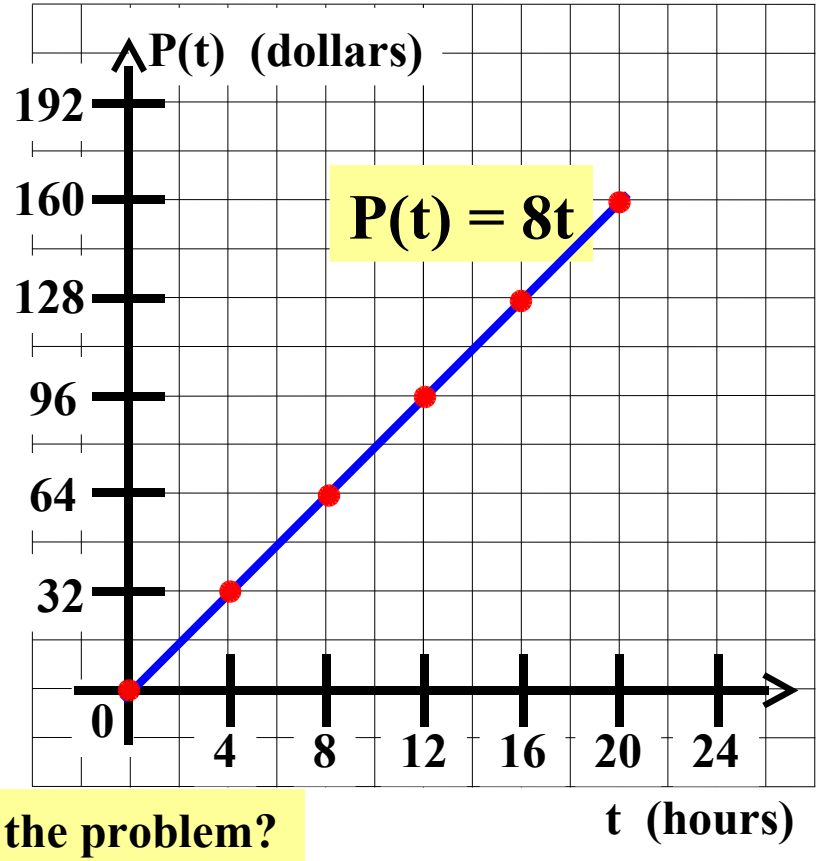
domain

[0, 20]

range

[0, 160]

2. Graph function P.



7. If P(t) = 28, then find the value of t.

What does this value of t represent in terms of the problem?

$8t = 28 \longrightarrow t = 3.5$

This represents the number of hours Tom works to earn 28 dollars.

Algebra II Class Worksheet #4 Unit 3

Tom has a part-time job. He can work up to 20 hours a week. He gets paid $8.00 per hour. Let t represent the number of hours he works. Let P(t) represent his total pay.

1. Make a table giving t and P(t) every 4 hours from t = 0 to t = 20.

t	P(t)
0	0
4	32
8	64
12	96
16	128
20	160

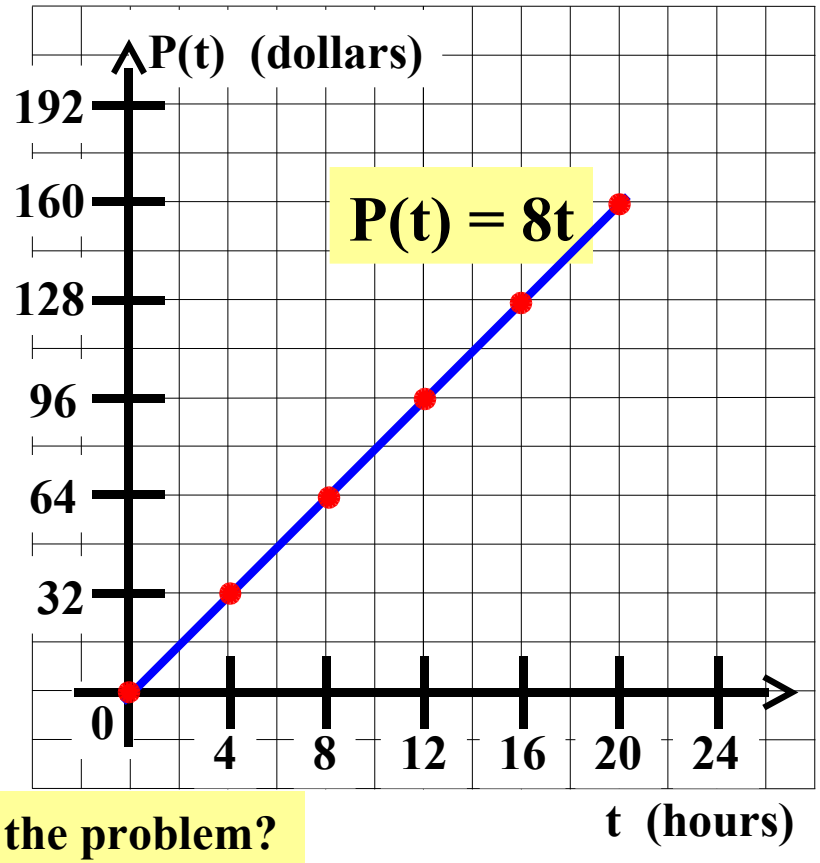
domain

[0, 20]

range

[0, 160]

2. Graph function P.



7. If P(t) = 28, then find the value of t.

What does this value of t represent in terms of the problem?

8t = 28 ⟶ t = 3.5 hours

This represents the number of hours Tom works to earn 28 dollars.

Algebra II Class Worksheet #4 Unit 3

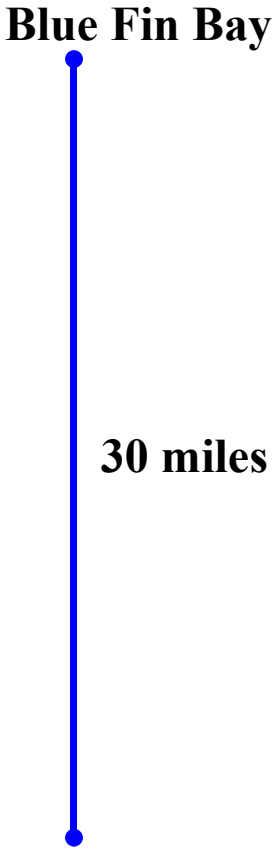
Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

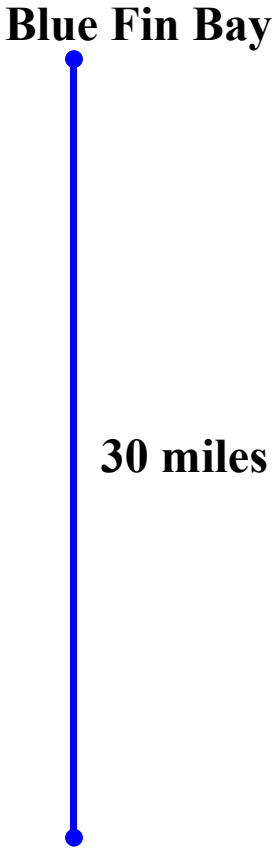
Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



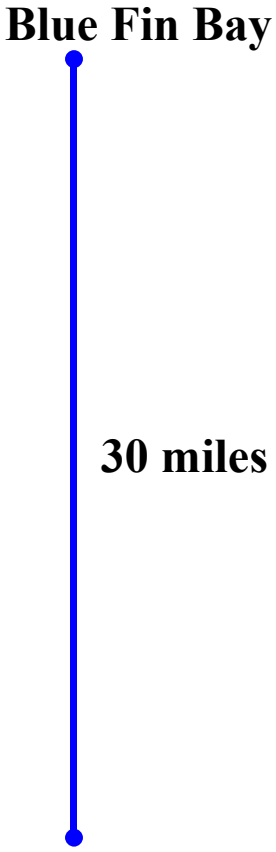
Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



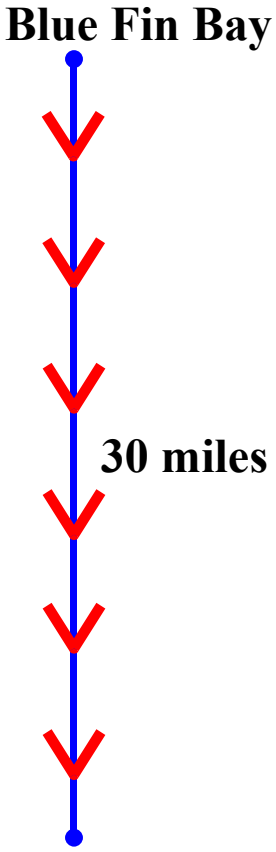
Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



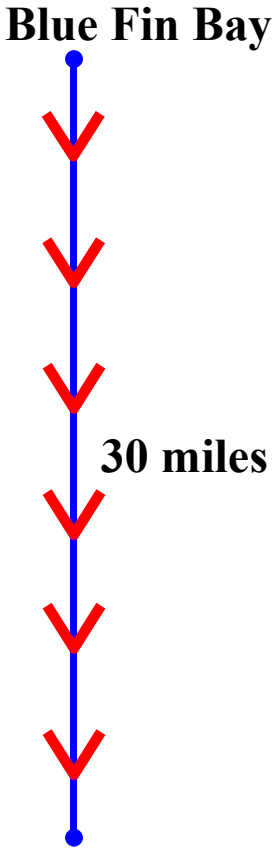
Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



Algebra II Class Worksheet #4 Unit 3

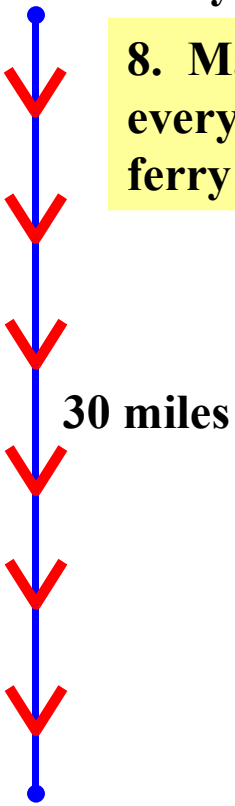
Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay



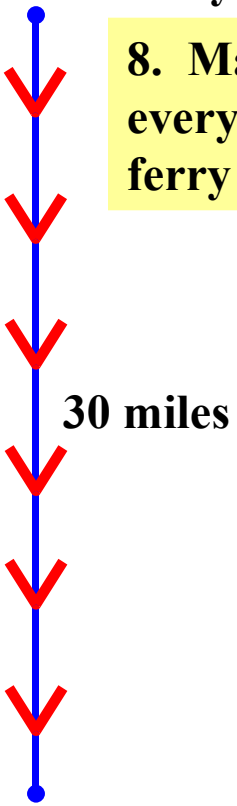
Bird Island

8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay



Bird Island

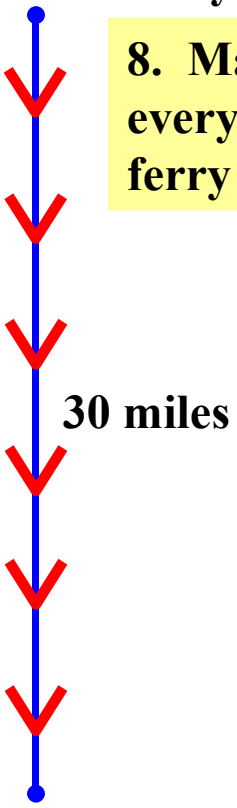
8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay



Bird Island

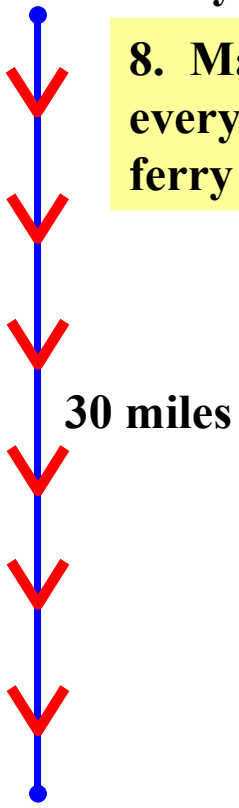
8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay



8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

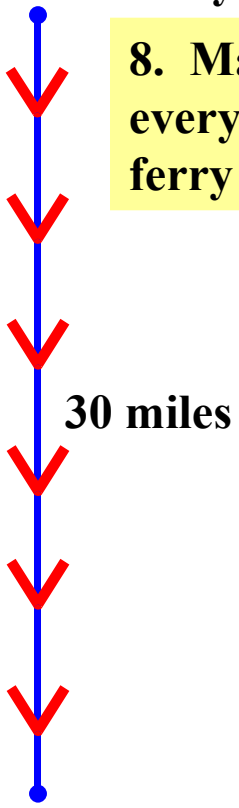
t	D(t)
0	

Bird Island

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay



Bird Island

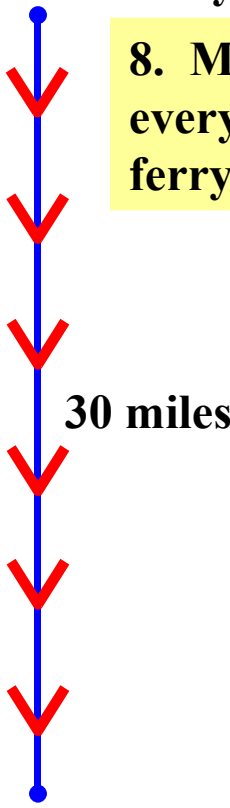
8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay



Bird Island

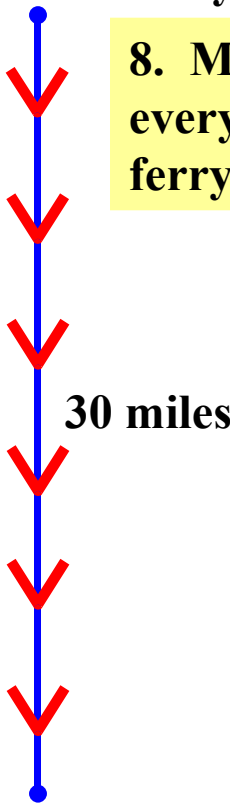
8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay



Bird Island

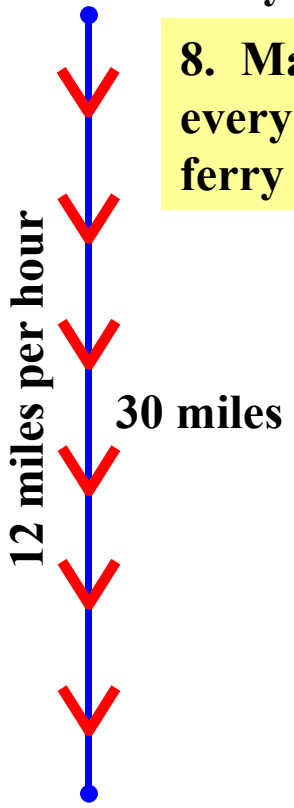
8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay



Bird Island

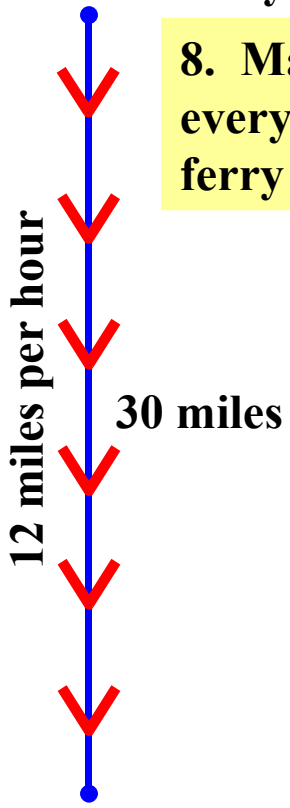
8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay



Bird Island

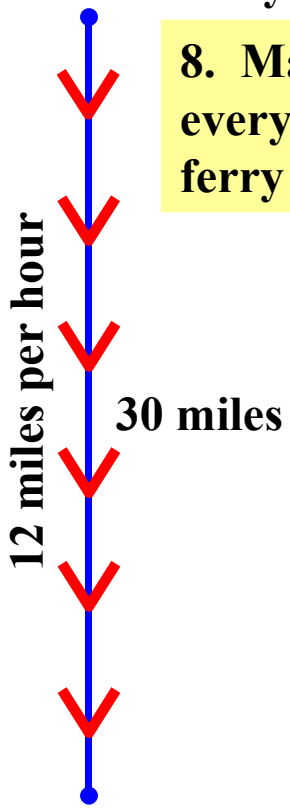
8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	

In ½ hour, the ferry will move 6 miles closer to Bird Island !!

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

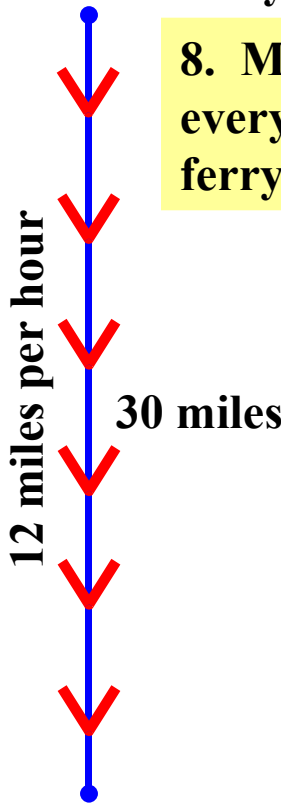
t	D(t)
0	30
0.5	24

In ½ hour, the ferry will move 6 miles closer to Bird Island !!

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay



Bird Island

8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

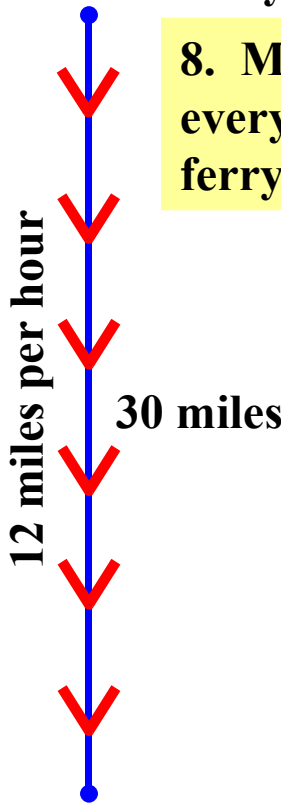
t	D(t)
0	30
0.5	24
1	

In ½ hour, the ferry will move 6 miles closer to Bird Island !!

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay



Bird Island

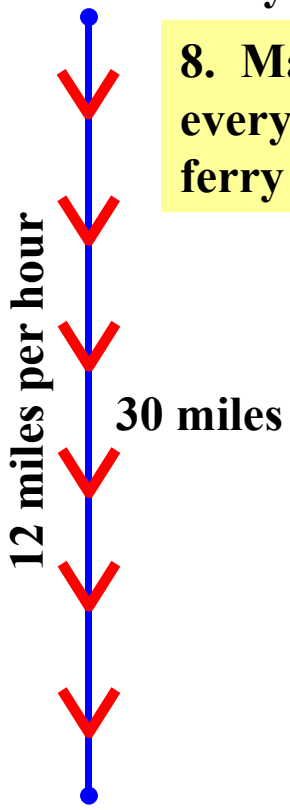
8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18

In ½ hour, the ferry will move 6 miles closer to Bird Island !!

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



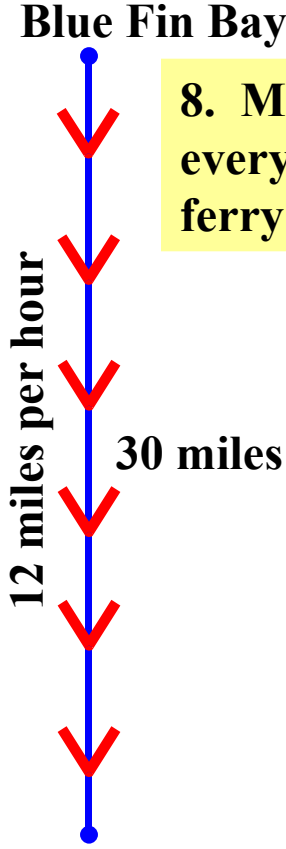
8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	

In ½ hour, the ferry will move 6 miles closer to Bird Island !!

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



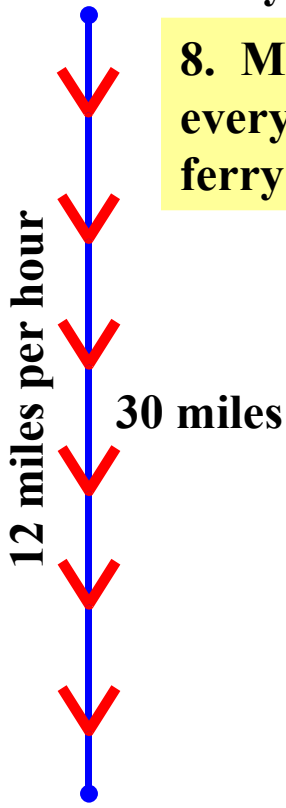
8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12

In ½ hour, the ferry will move 6 miles closer to Bird Island !!

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



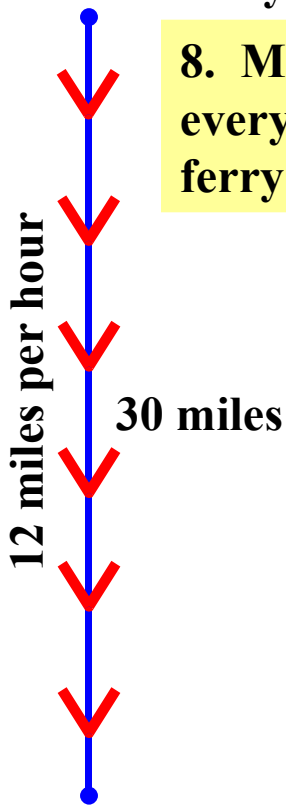
8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	

In ½ hour, the ferry will move 6 miles closer to Bird Island !!

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



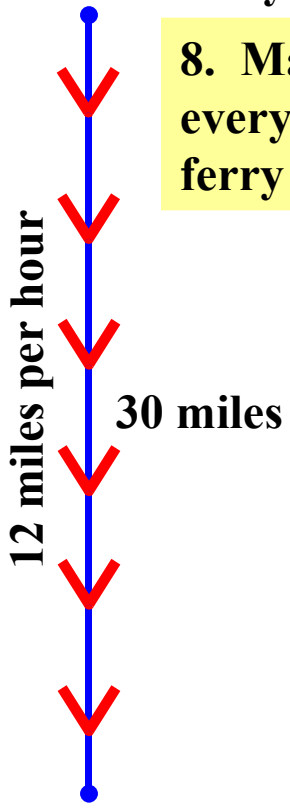
8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6

In ½ hour, the ferry will move 6 miles closer to Bird Island !!

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

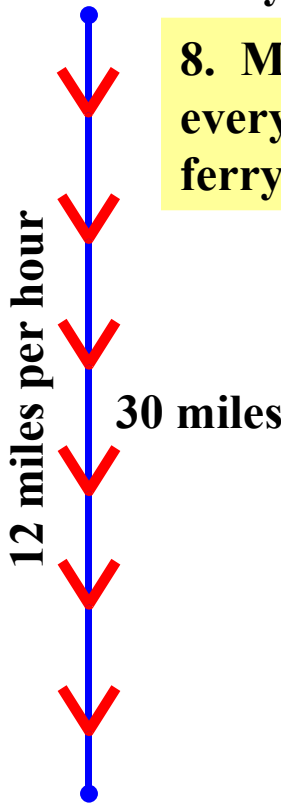
t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	

In ½ hour, the ferry will move 6 miles closer to Bird Island !!

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay



Bird Island

8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

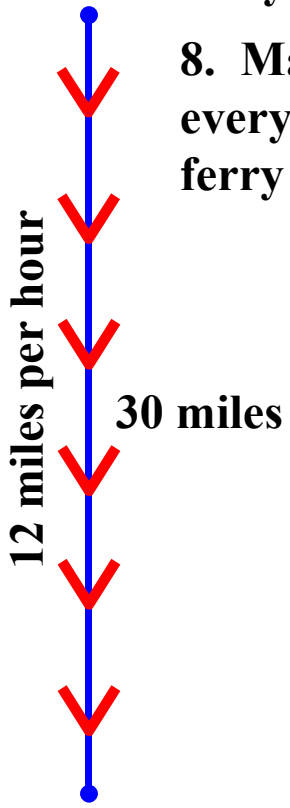
t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

In ½ hour, the ferry will move 6 miles closer to Bird Island !!

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay



Bird Island

8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

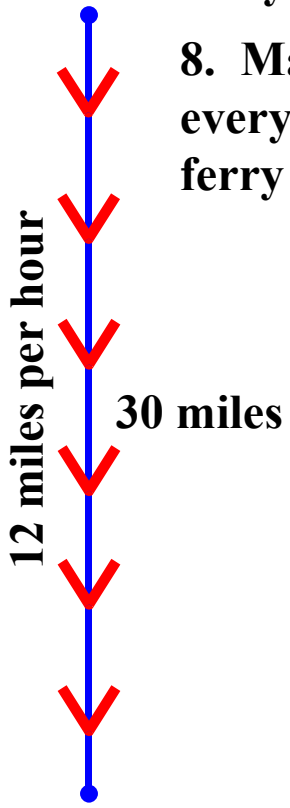
t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

9. Graph function D.

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay

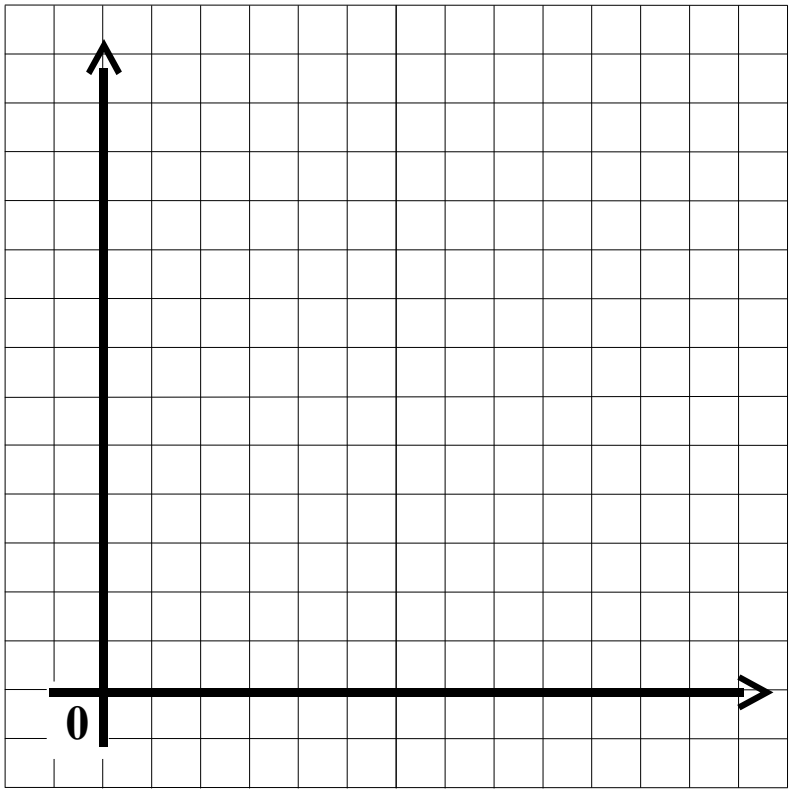


Bird Island

8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

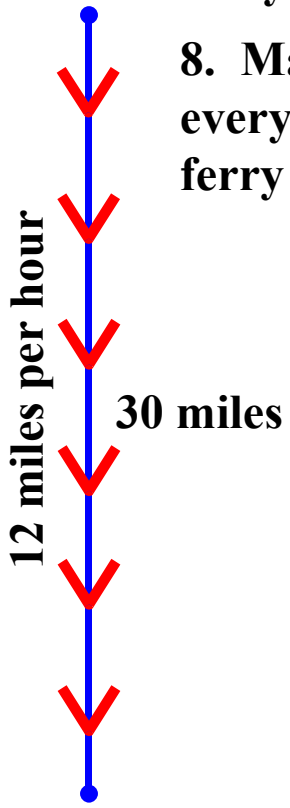
9. Graph function D.



Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay

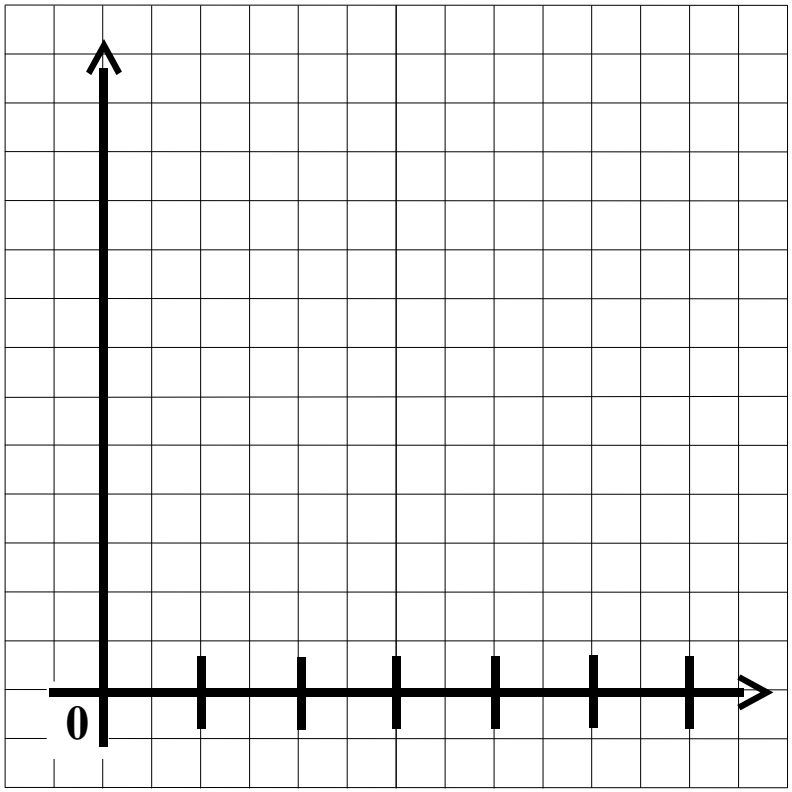


Bird Island

8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

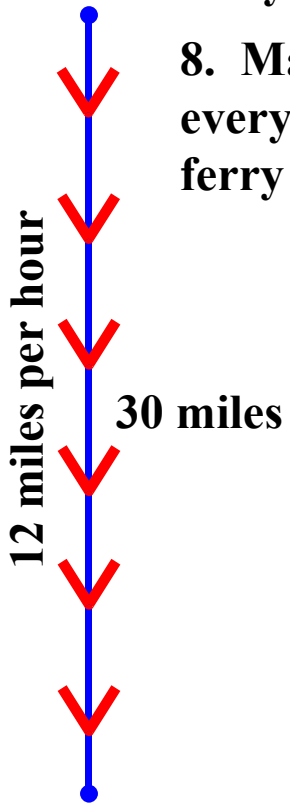
9. Graph function D.



Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay

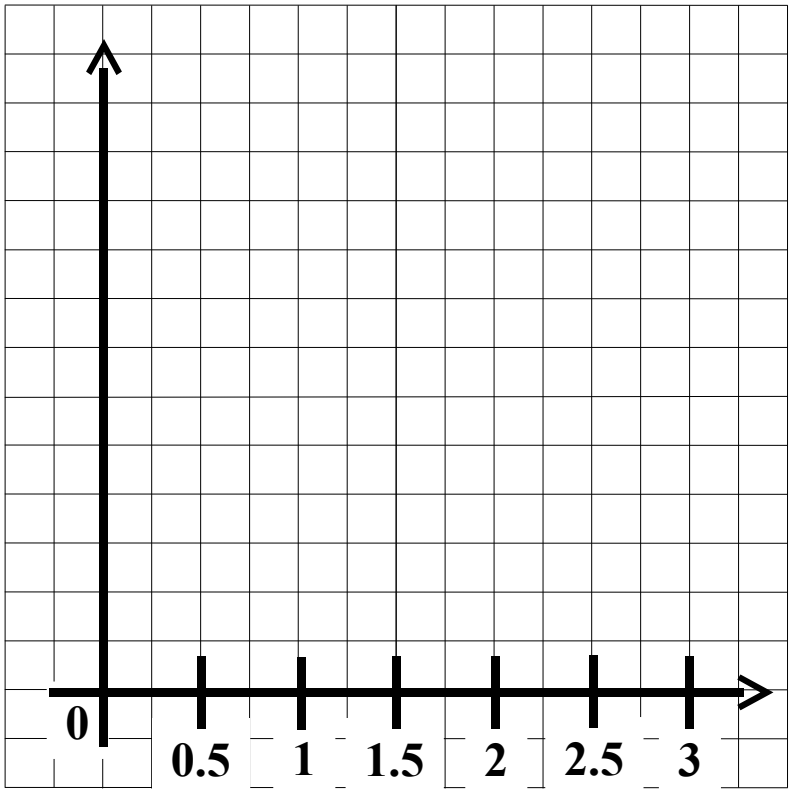


Bird Island

8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

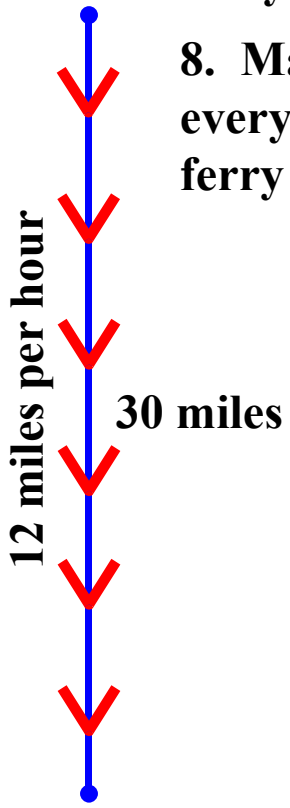
9. Graph function D.



Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay

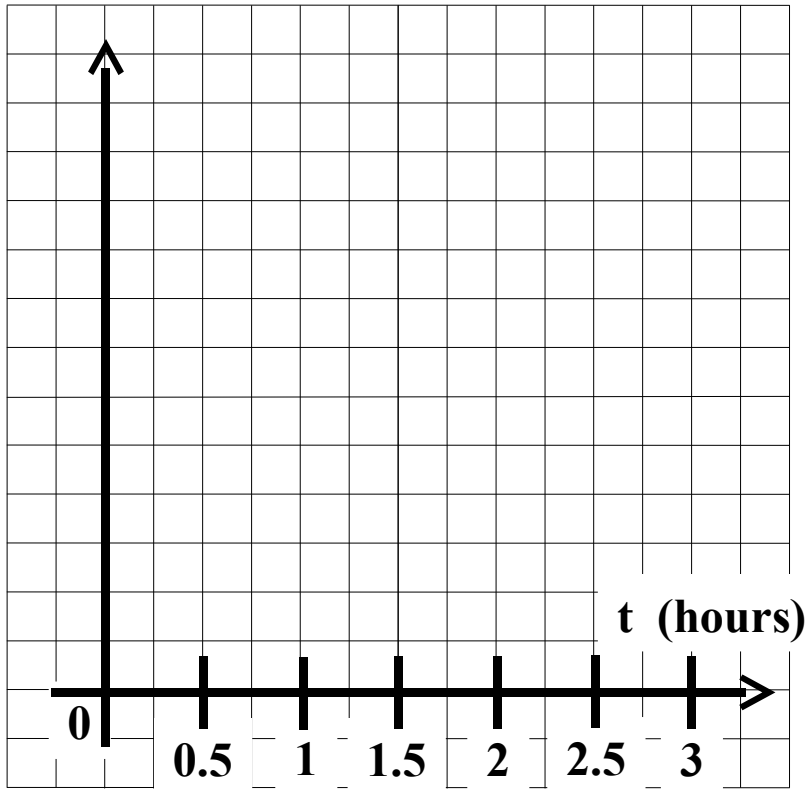


Bird Island

8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

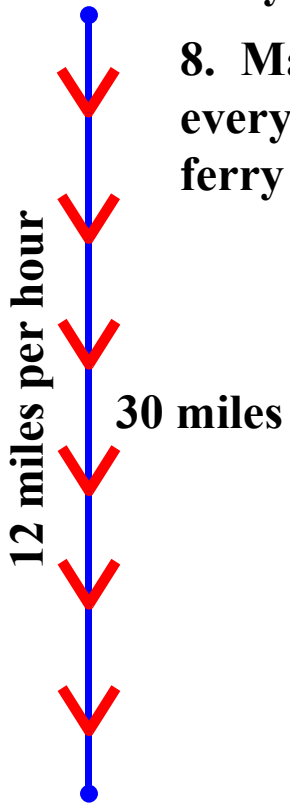
9. Graph function D.



Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay

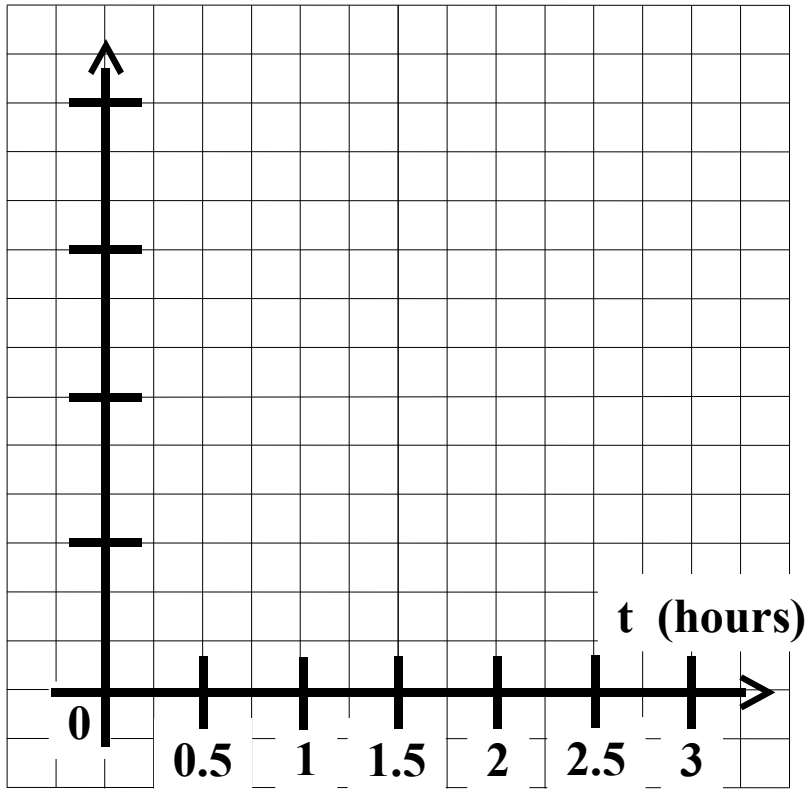


Bird Island

8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

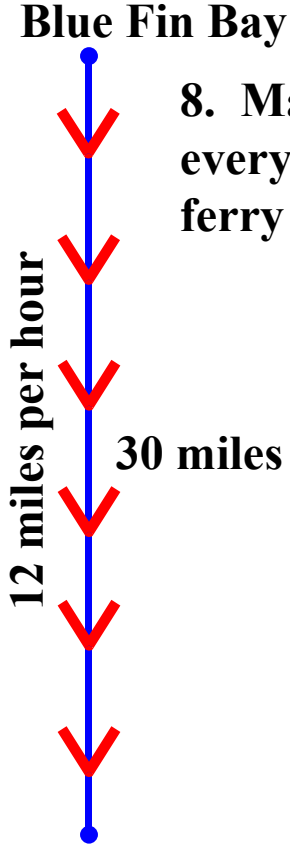
t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

9. Graph function D.



Algebra II Class Worksheet #4 Unit 3

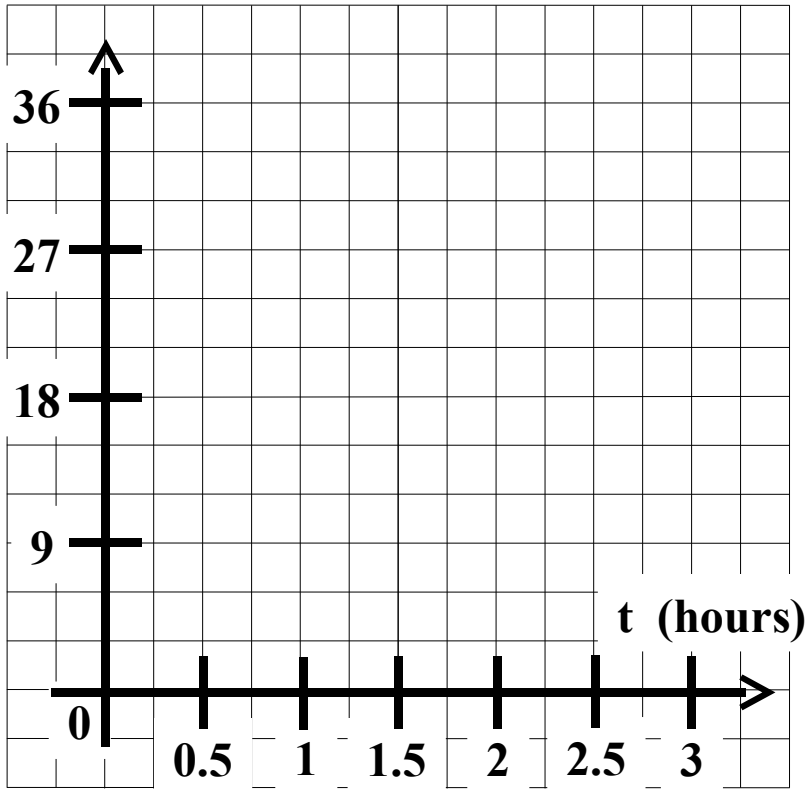
Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

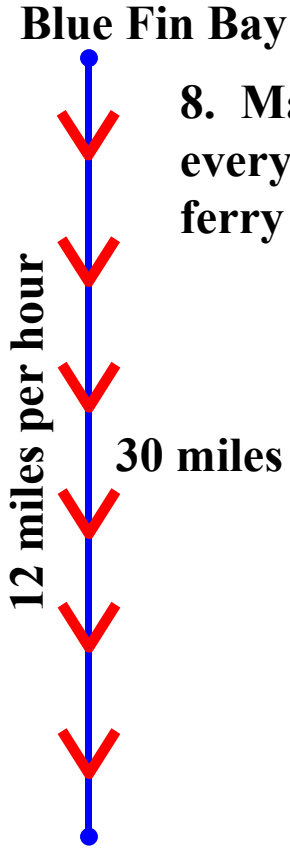
t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

9. Graph function D.



Algebra II Class Worksheet #4 Unit 3

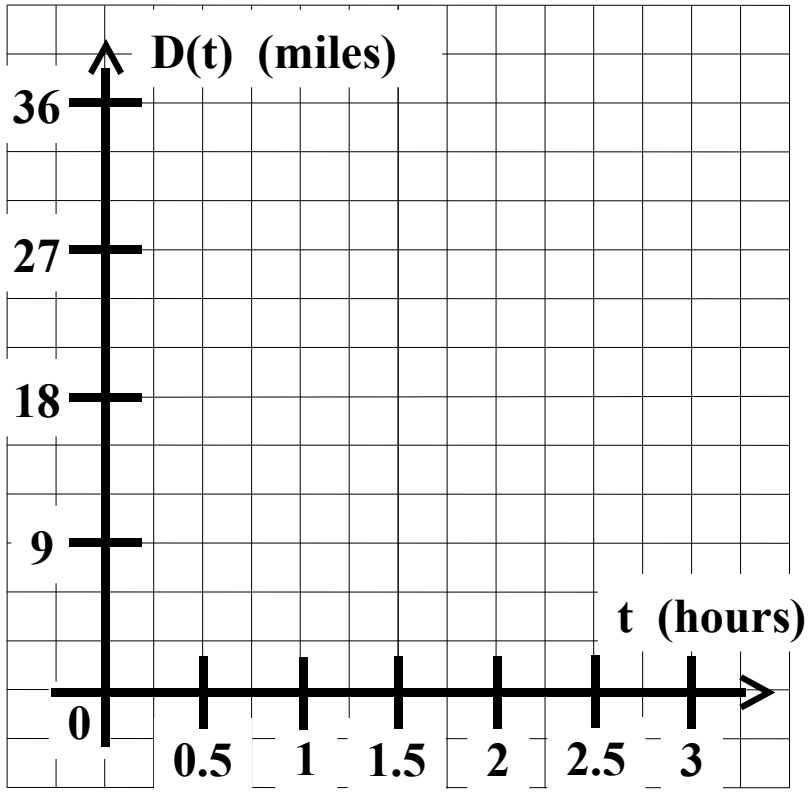
Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

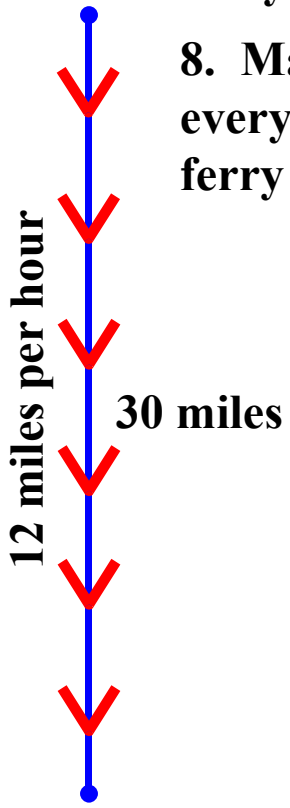
9. Graph function D.



Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay

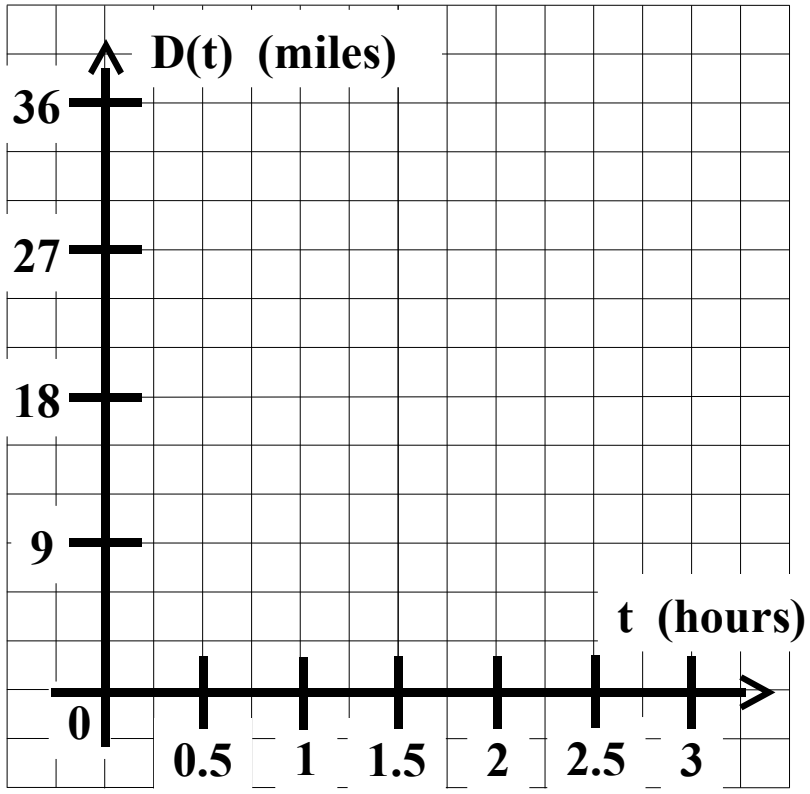


Bird Island

8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

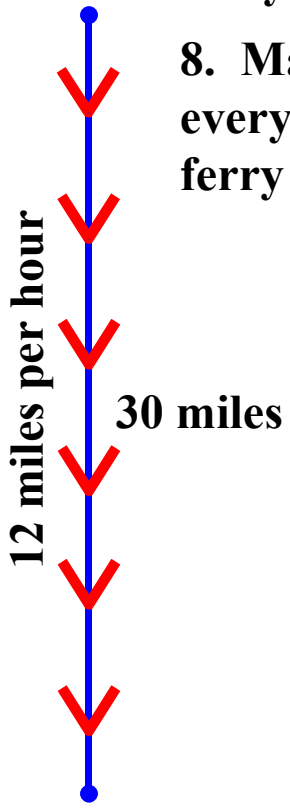
9. Graph function D.



Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay

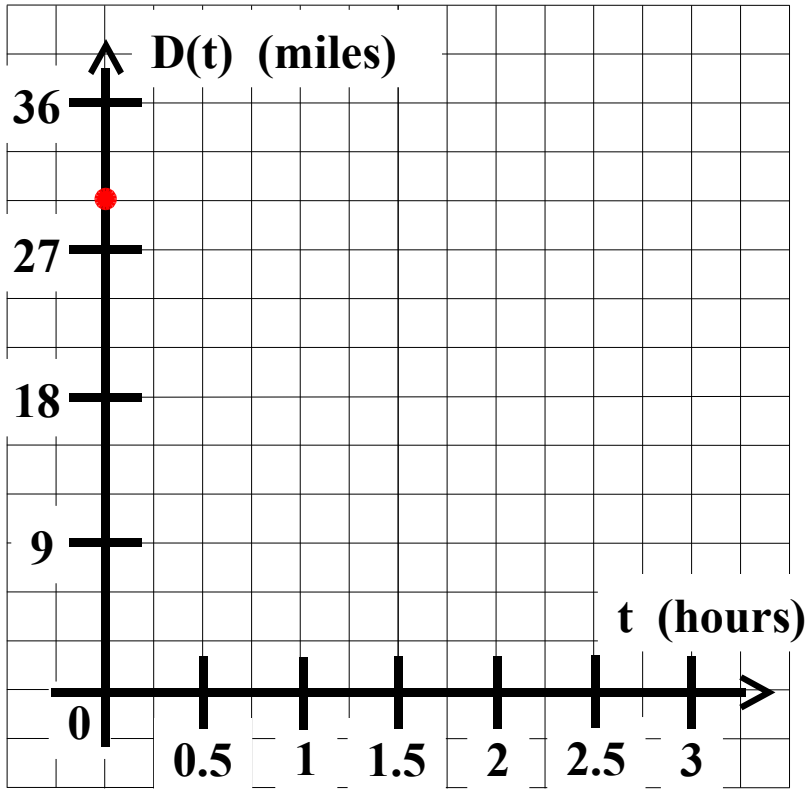


Bird Island

8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

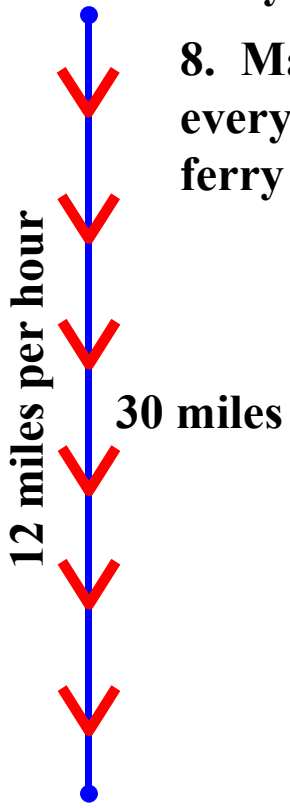
9. Graph function D.



Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay

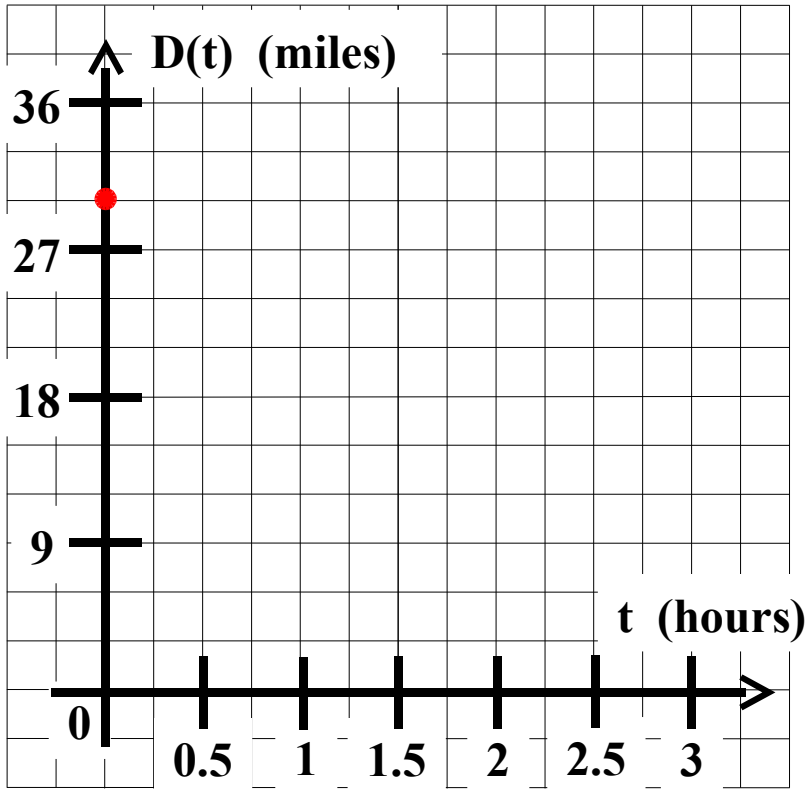


Bird Island

8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

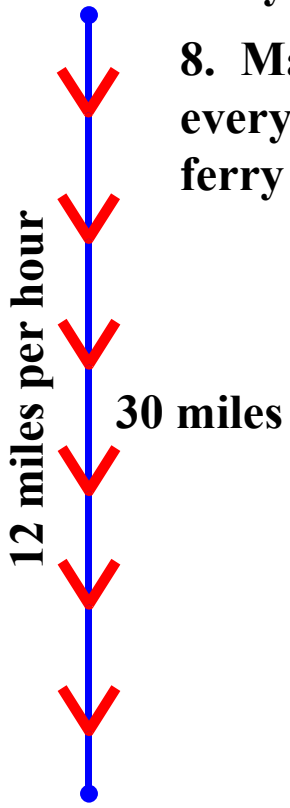
9. Graph function D.



Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay

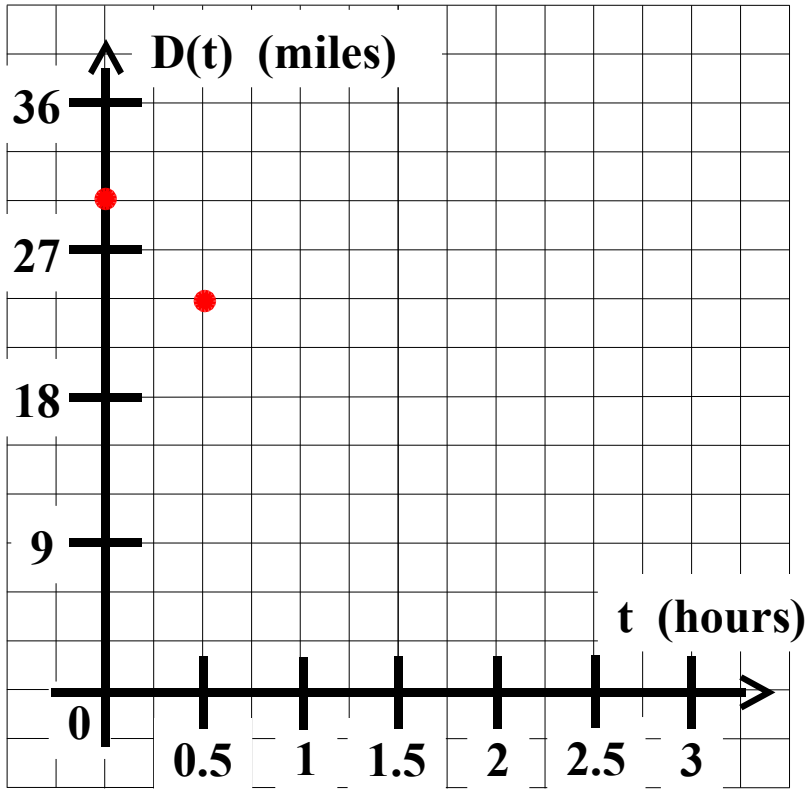


Bird Island

8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)	
0	30	
0.5	24	←
1	18	
1.5	12	
2	6	
2.5	0	

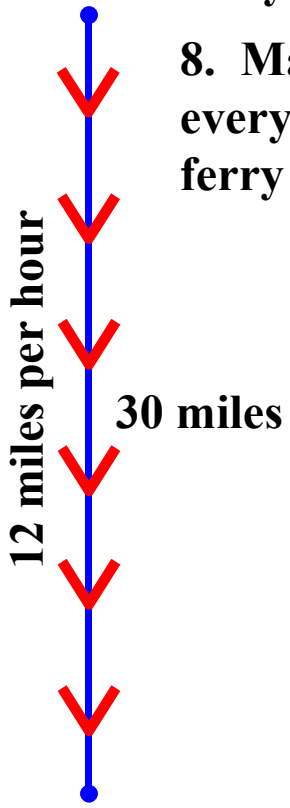
9. Graph function D.



Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay

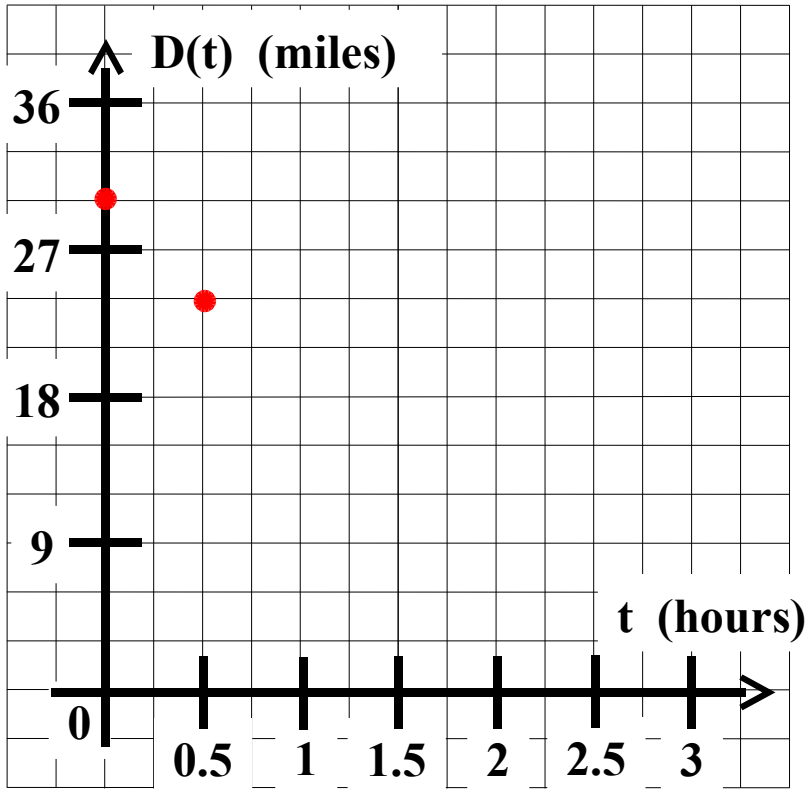


Bird Island

8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

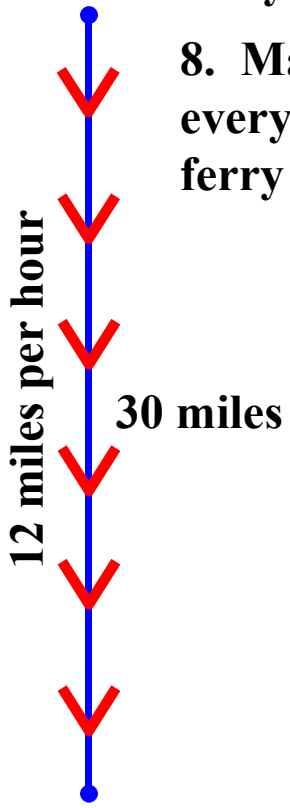
9. Graph function D.



Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay

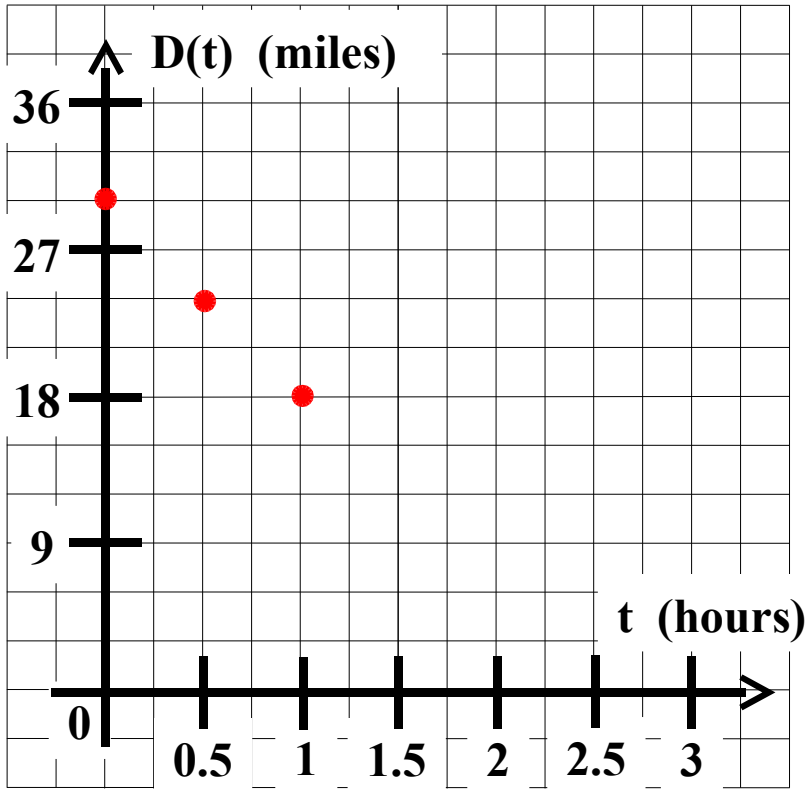


Bird Island

8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

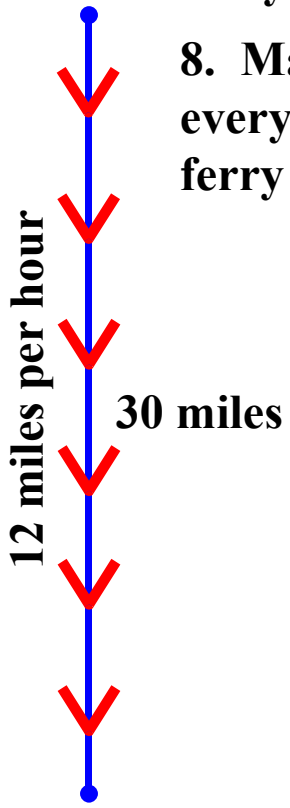
9. Graph function D.



Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay

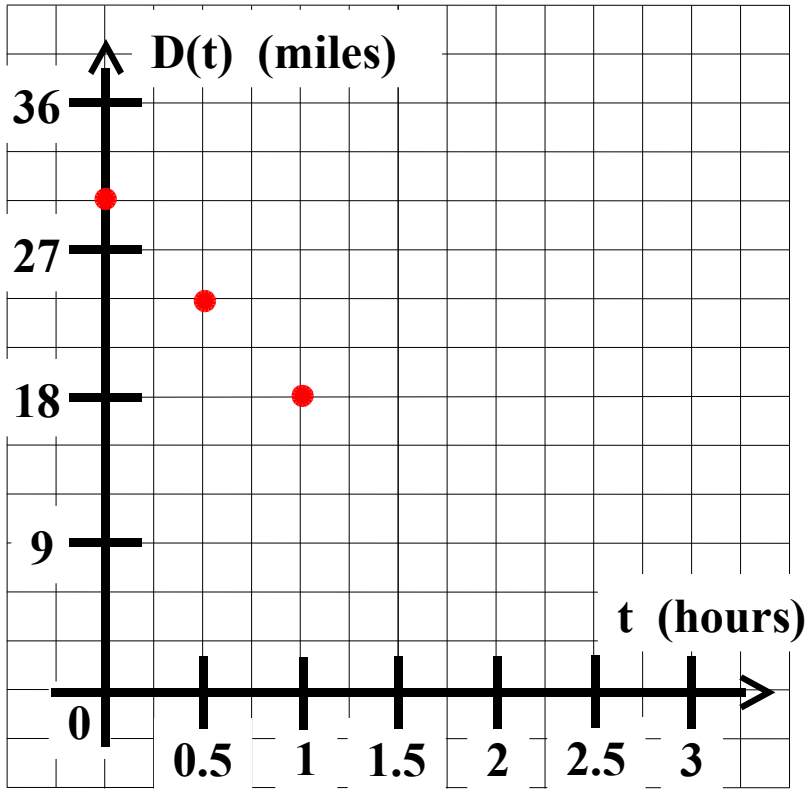


Bird Island

8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

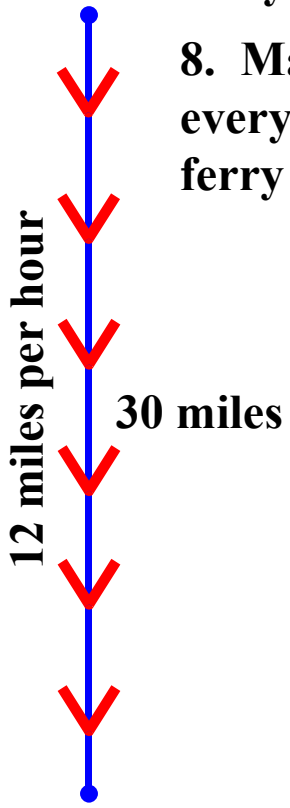
9. Graph function D.



Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay

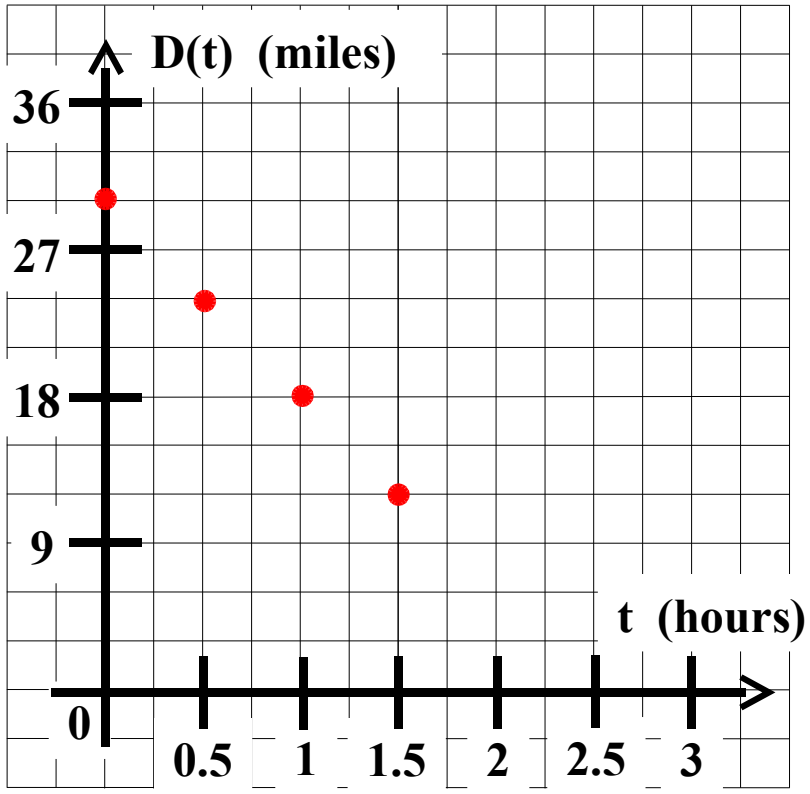


Bird Island

8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

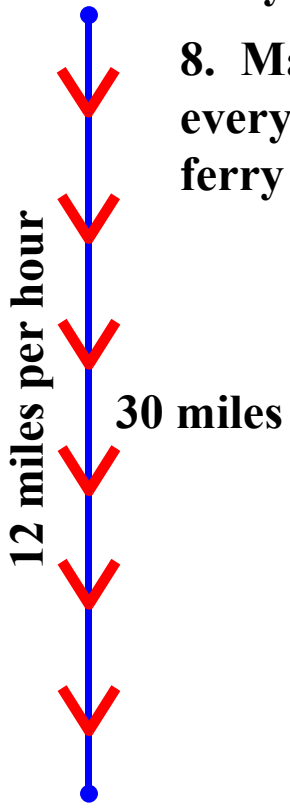
9. Graph function D.



Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay

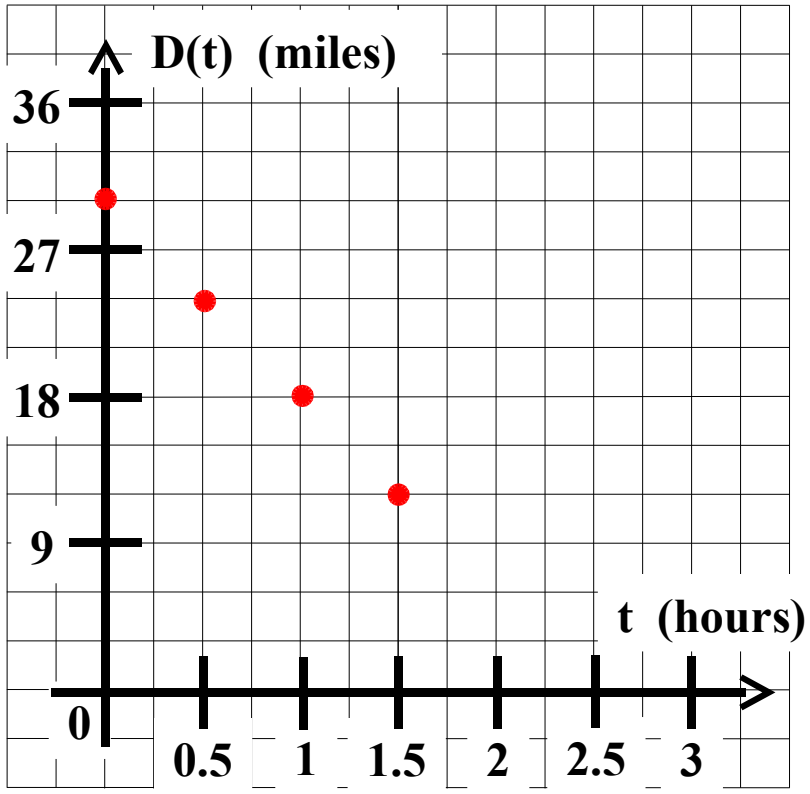


Bird Island

8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

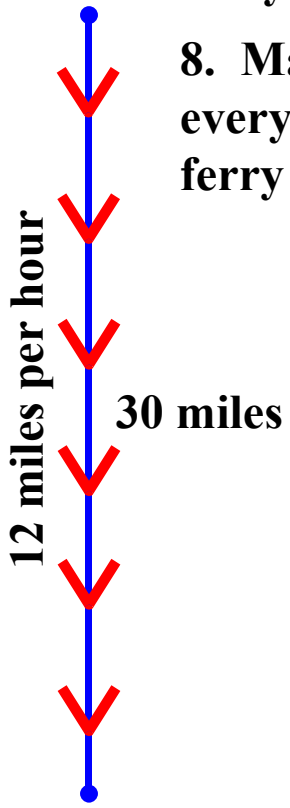
9. Graph function D.



Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay

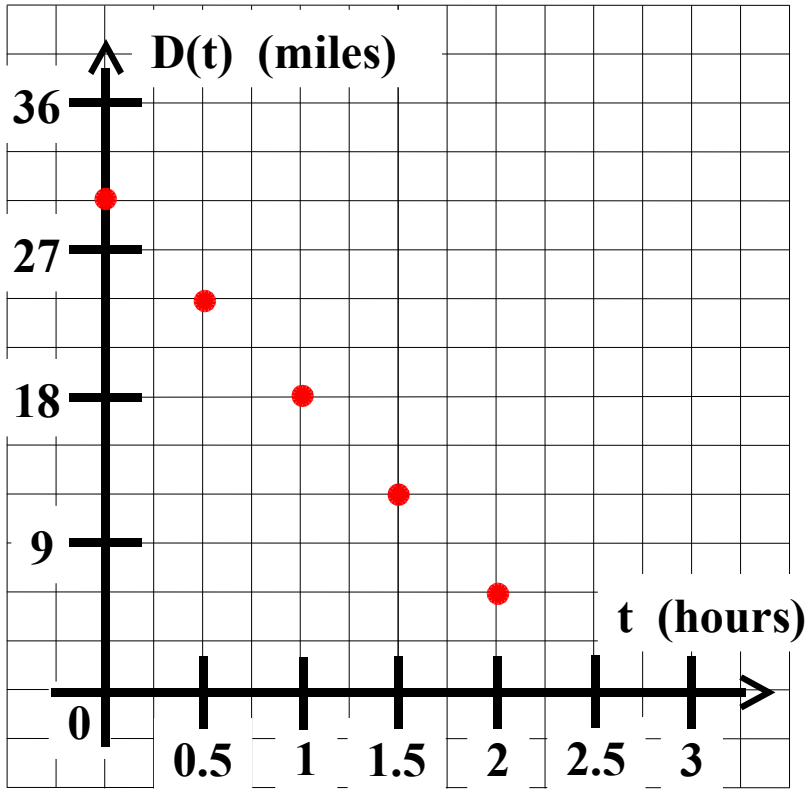


Bird Island

8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

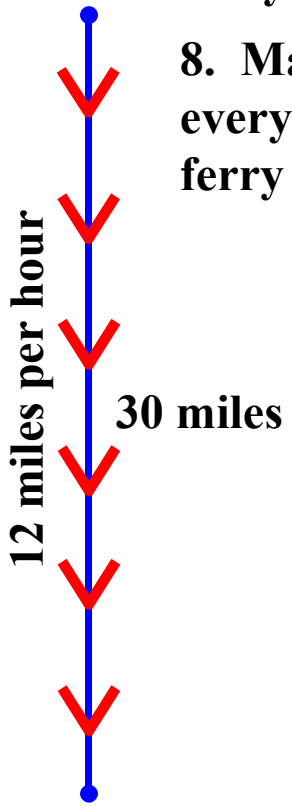
9. Graph function D.



Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay

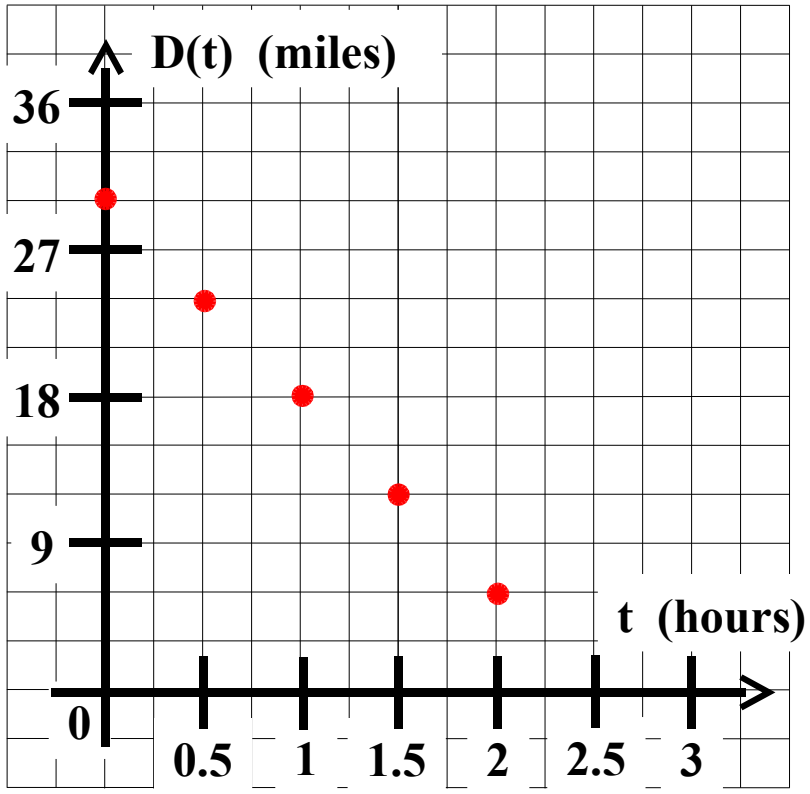


Bird Island

8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

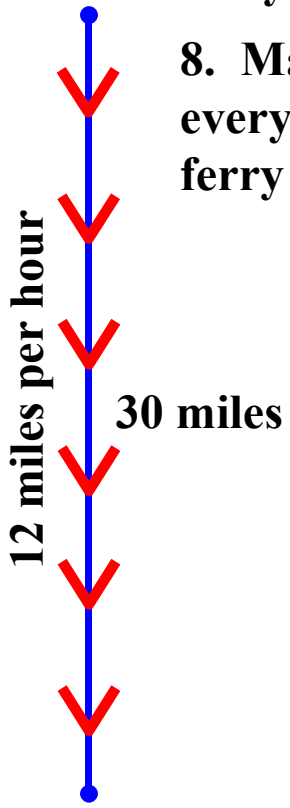
9. Graph function D.



Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay

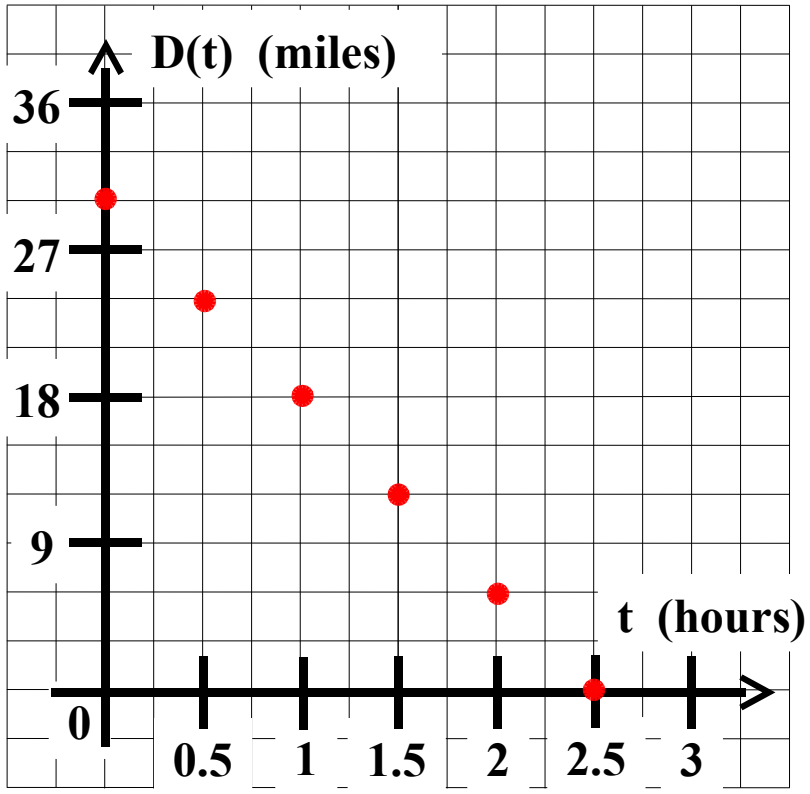


Bird Island

8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

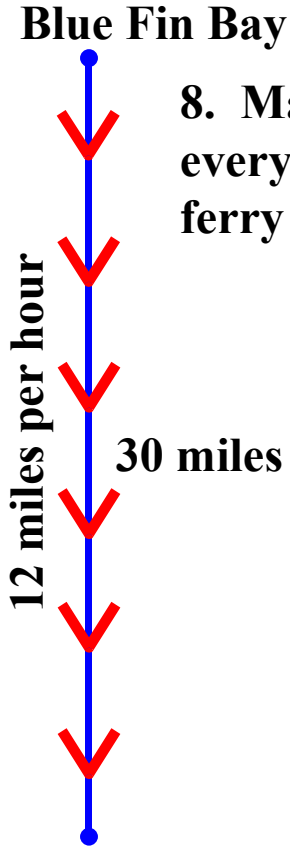
t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

9. Graph function D.



Algebra II Class Worksheet #4 Unit 3

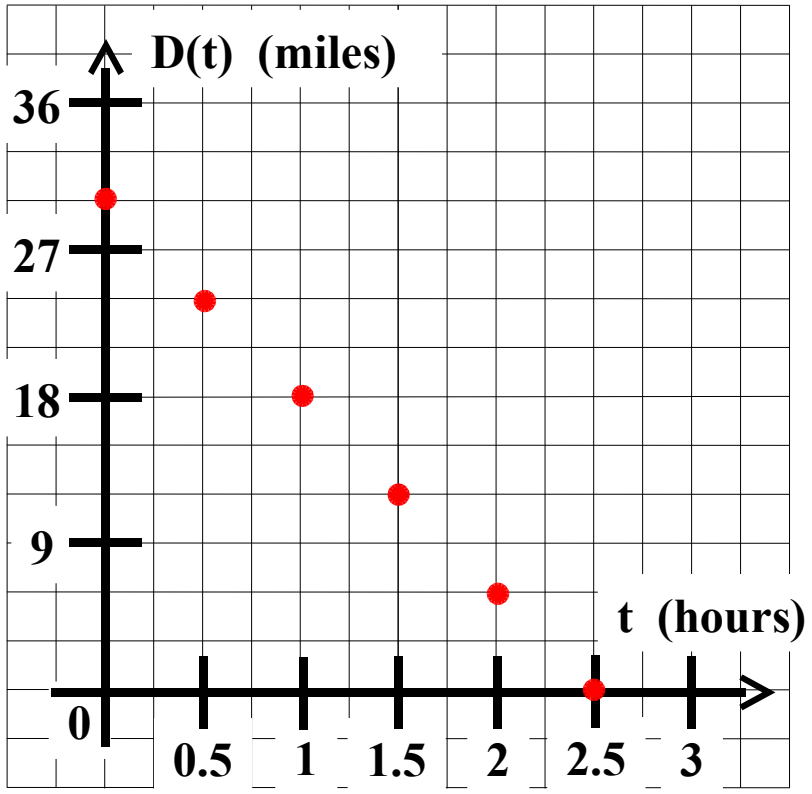
Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

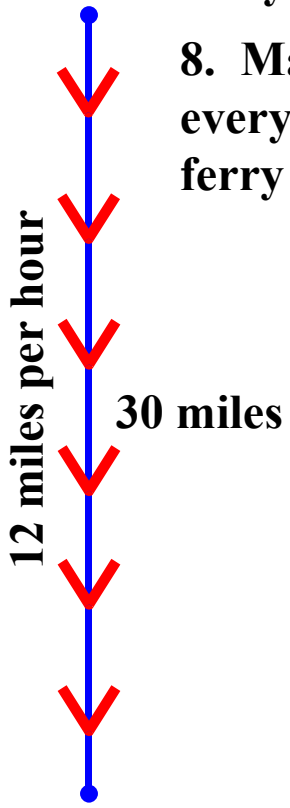
9. Graph function D.



Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay

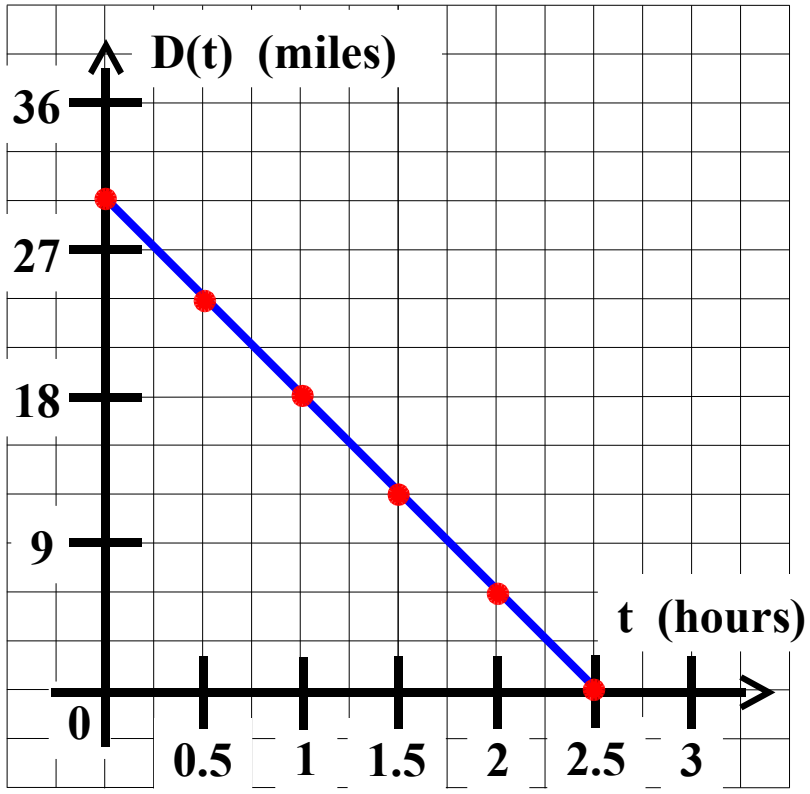


Bird Island

8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

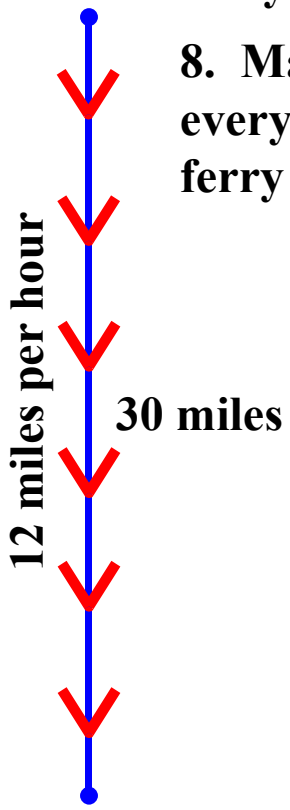
t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

9. Graph function D.



Algebra II Class Worksheet #4 Unit 3

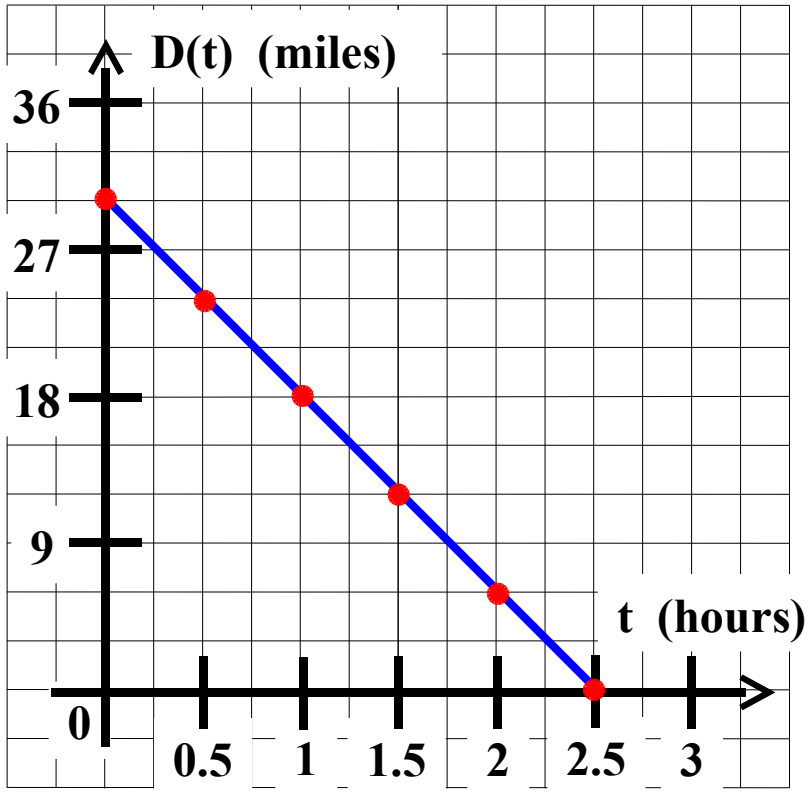
Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

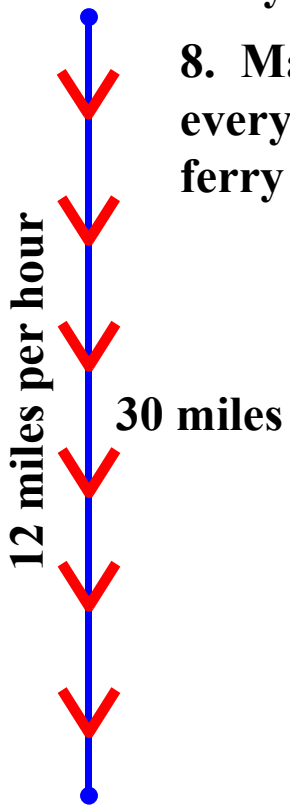
t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

9. Graph function D.



Algebra II Class Worksheet #4 Unit 3

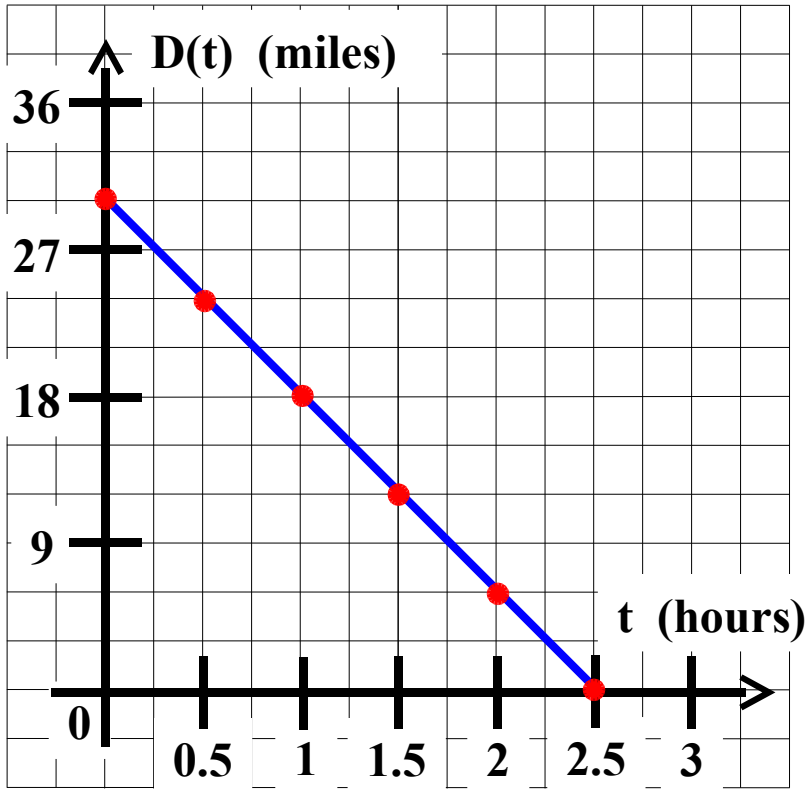
Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

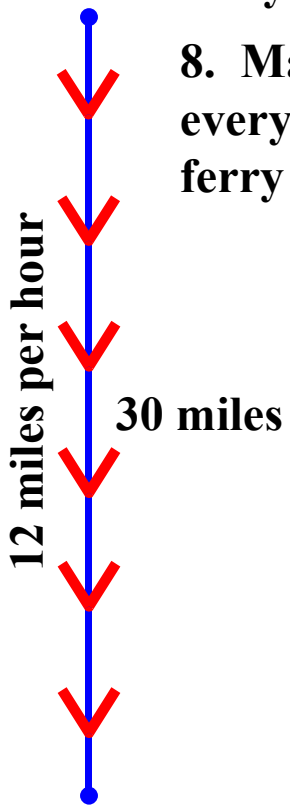
9. Graph function D.



10. Write an equation giving D(t) in terms of t.

Algebra II Class Worksheet #4 Unit 3

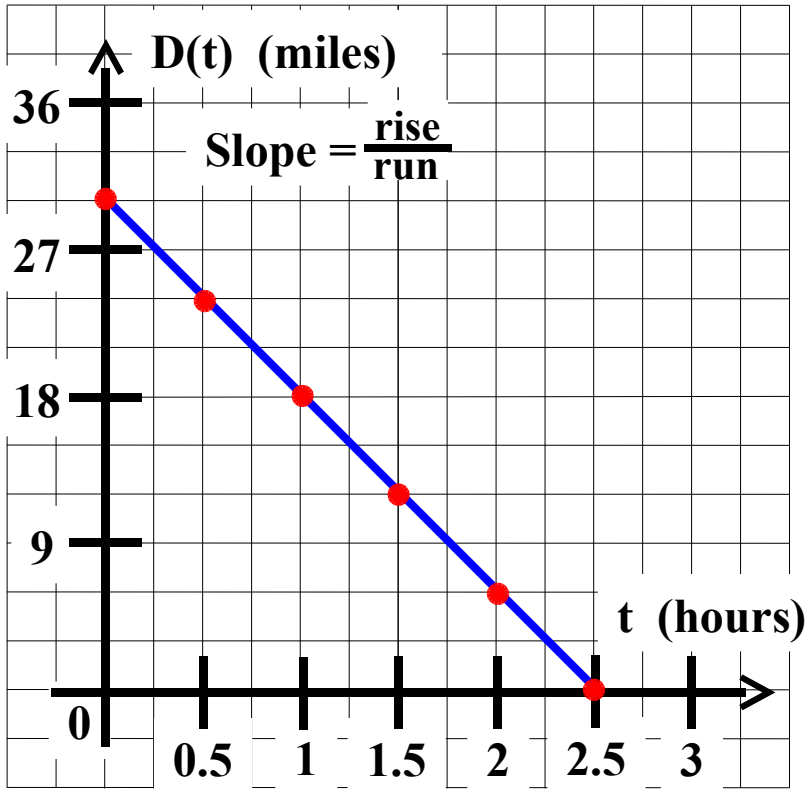
Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

9. Graph function D.

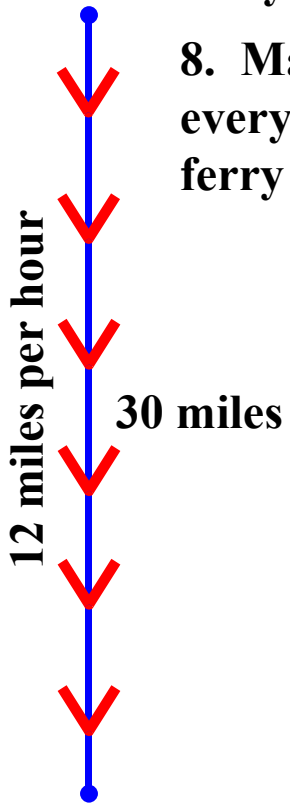


10. Write an equation giving D(t) in terms of t.

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay

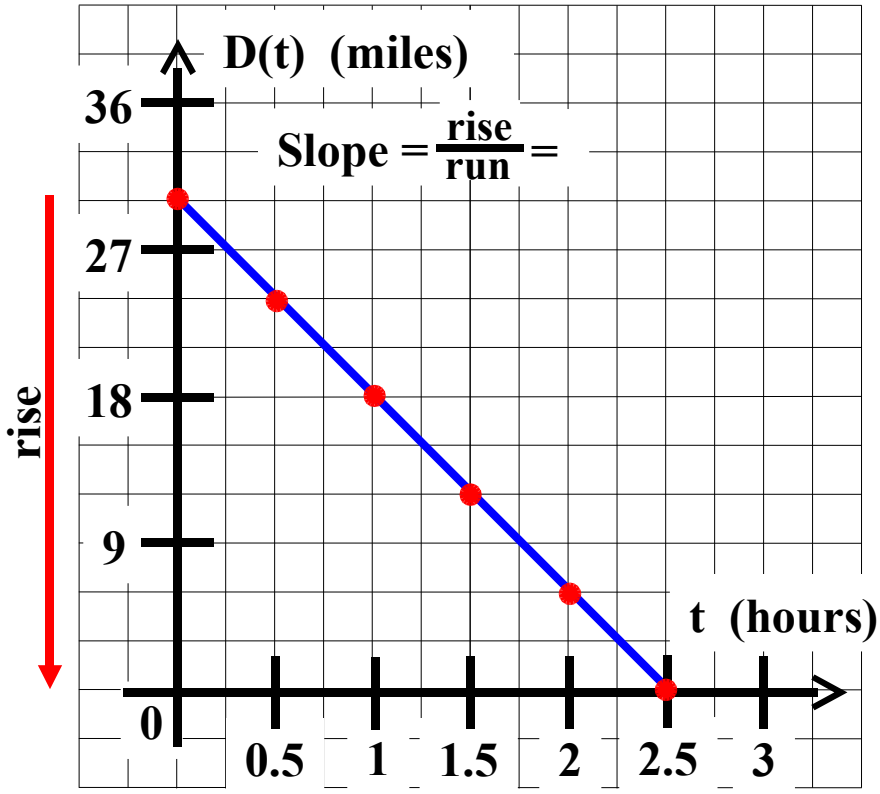


Bird Island

8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

9. Graph function D.

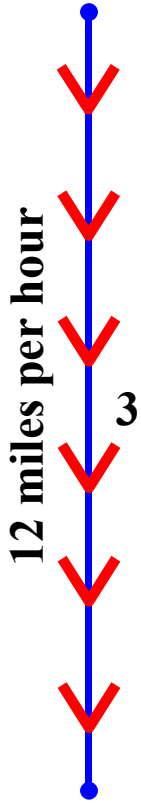


10. Write an equation giving D(t) in terms of t.

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay

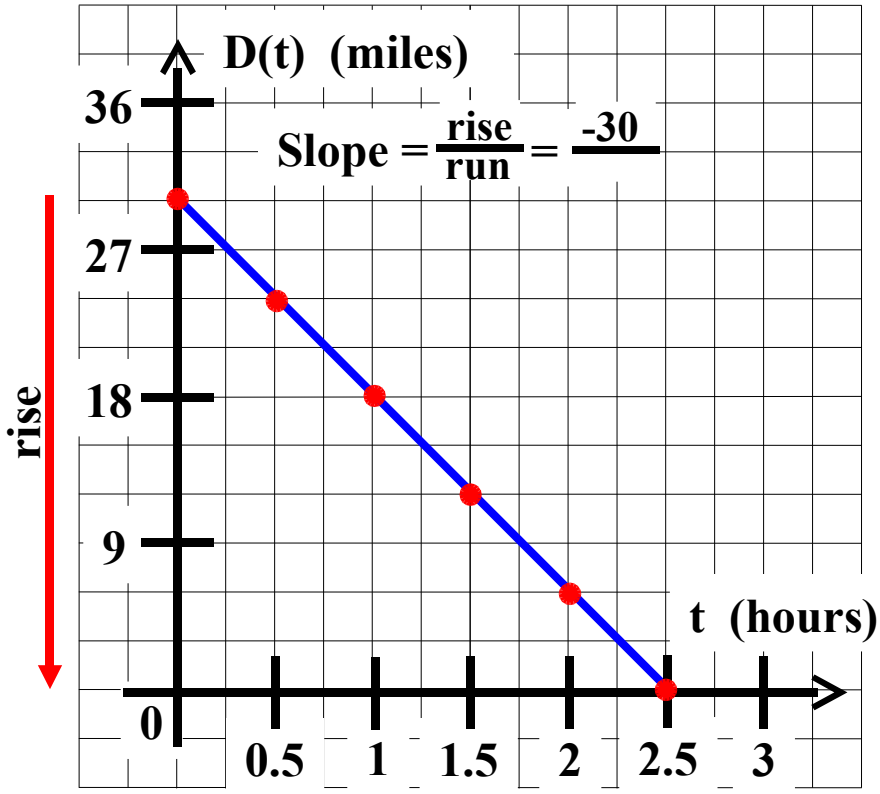


Bird Island

8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

9. Graph function D.

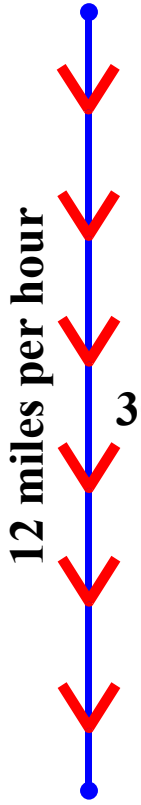


10. Write an equation giving D(t) in terms of t.

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay

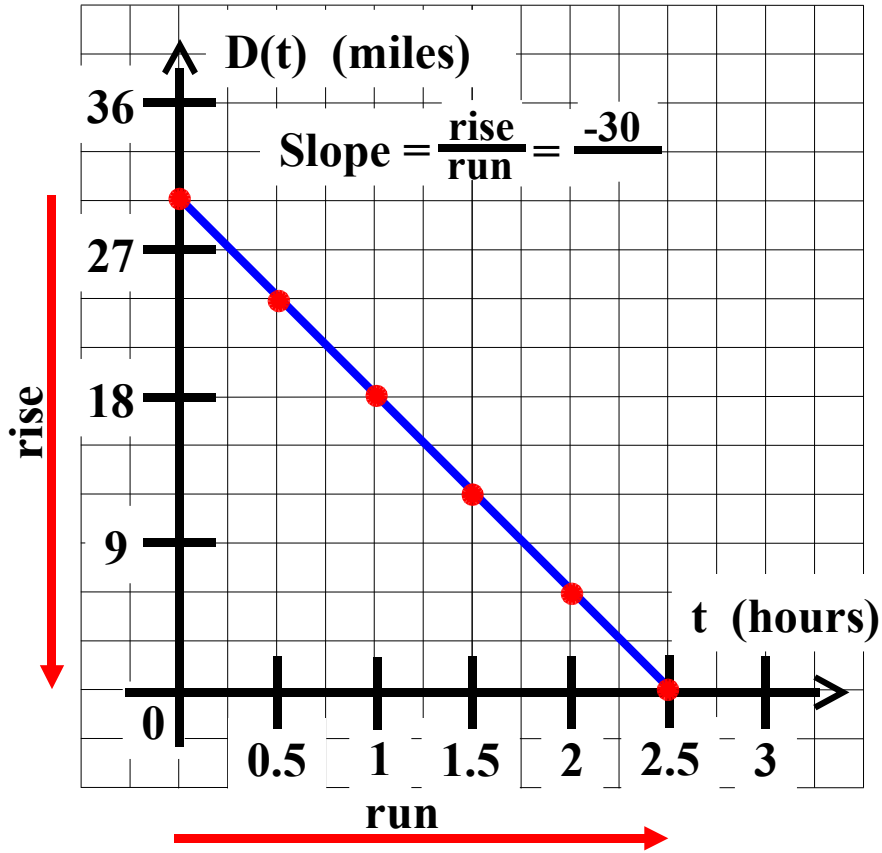


Bird Island

8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

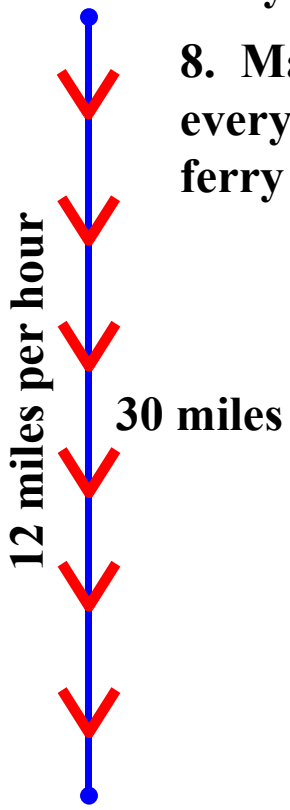
9. Graph function D.



10. Write an equation giving D(t) in terms of t.

Algebra II Class Worksheet #4 Unit 3

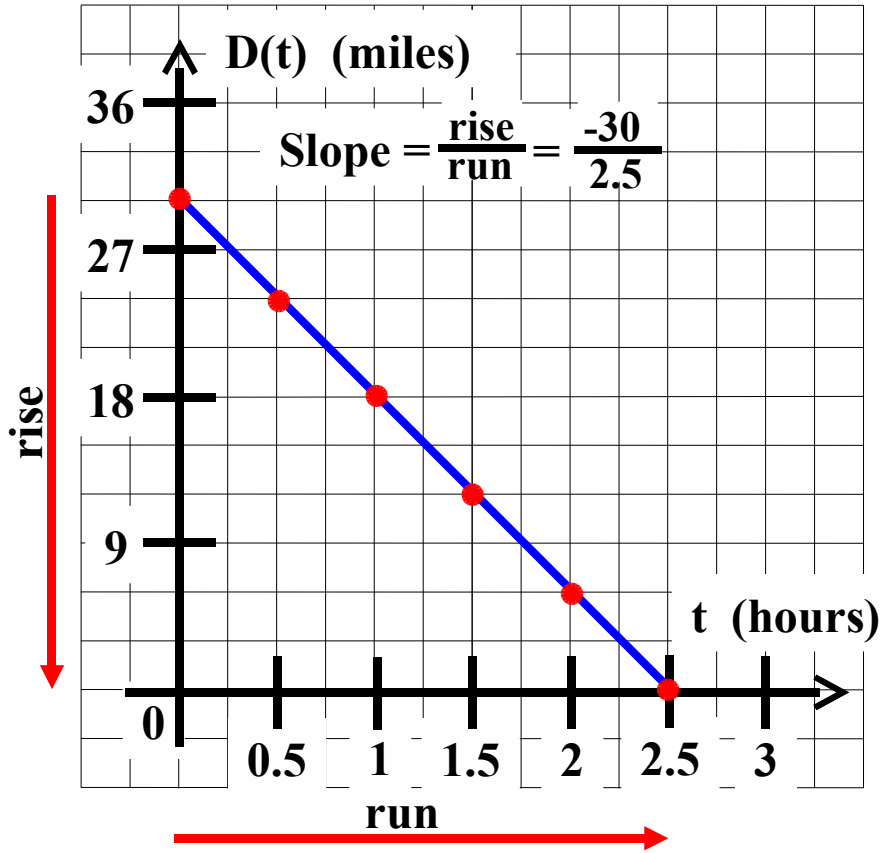
Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

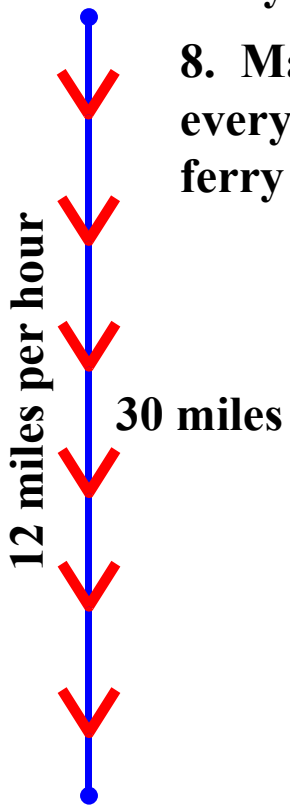
9. Graph function D.



10. Write an equation giving D(t) in terms of t.

Algebra II Class Worksheet #4 Unit 3

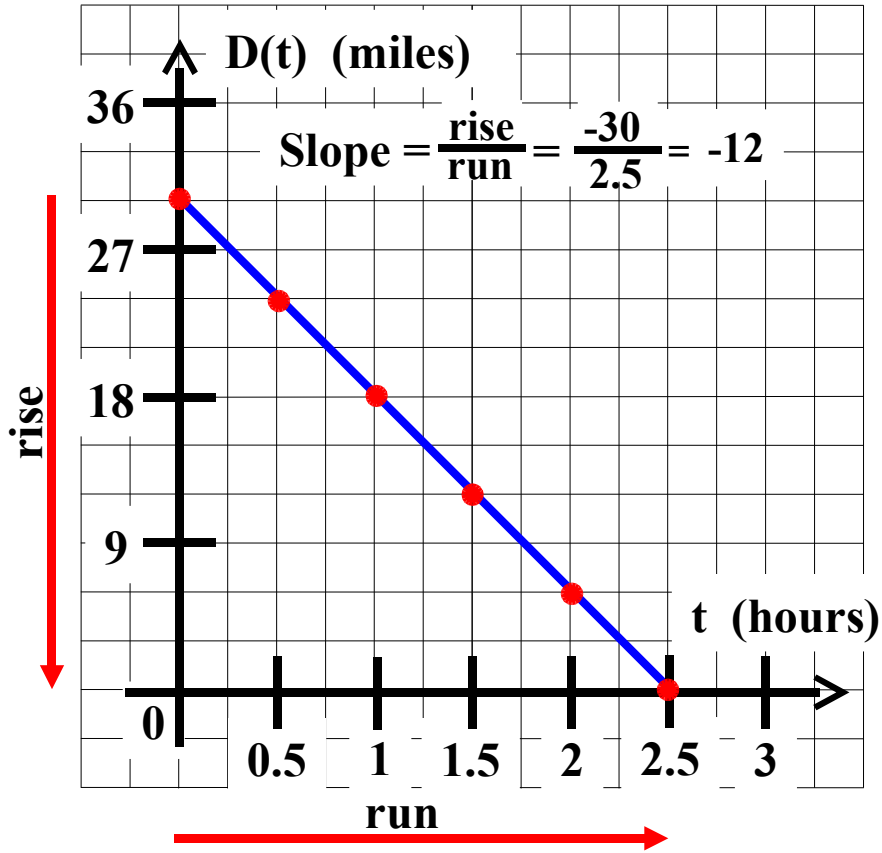
Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

9. Graph function D.

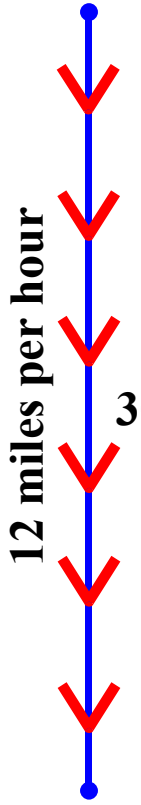


10. Write an equation giving D(t) in terms of t.

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay

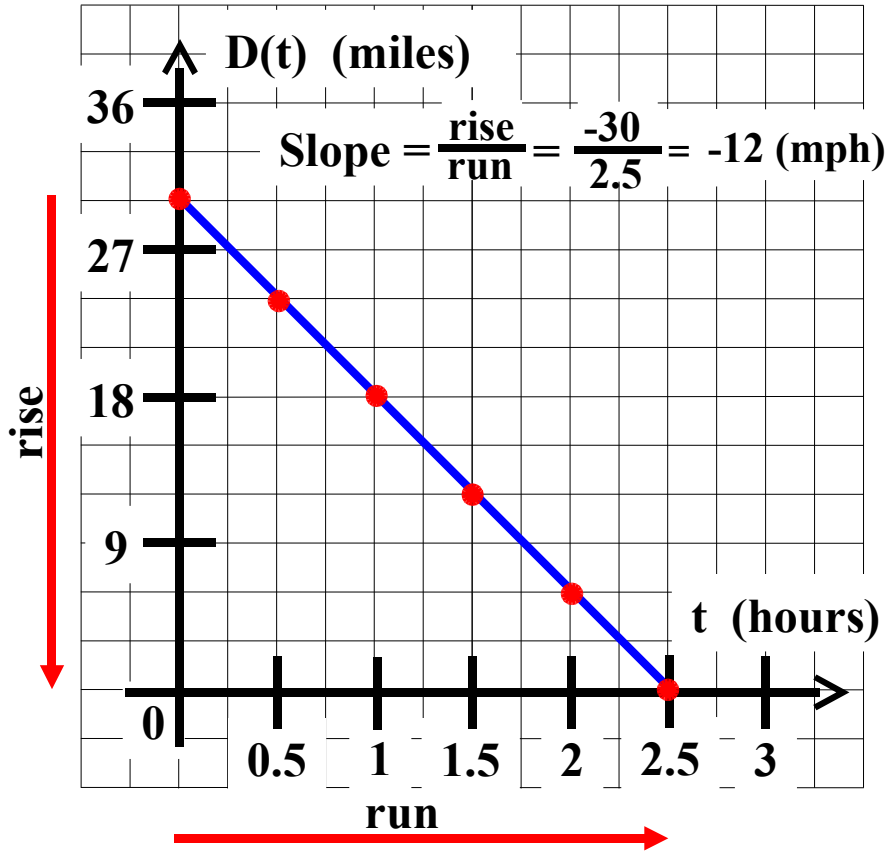


Bird Island

8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

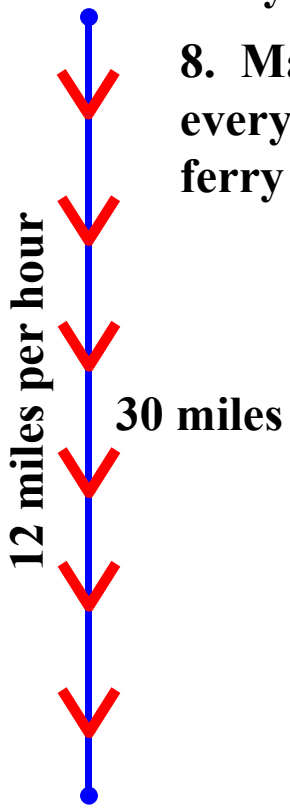
9. Graph function D.



10. Write an equation giving D(t) in terms of t.

Algebra II Class Worksheet #4 Unit 3

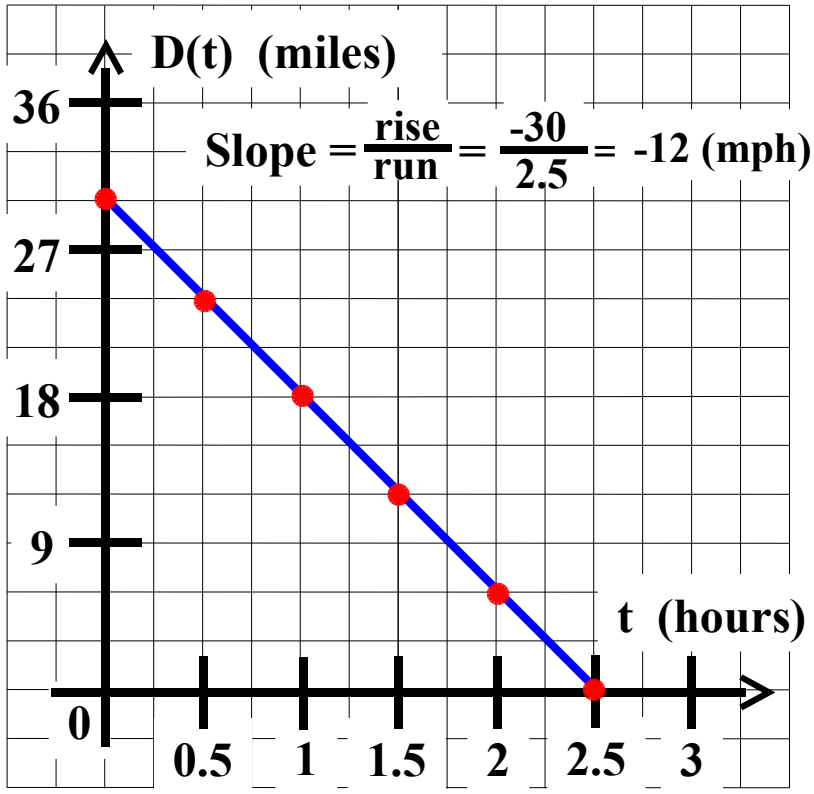
Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

9. Graph function D.

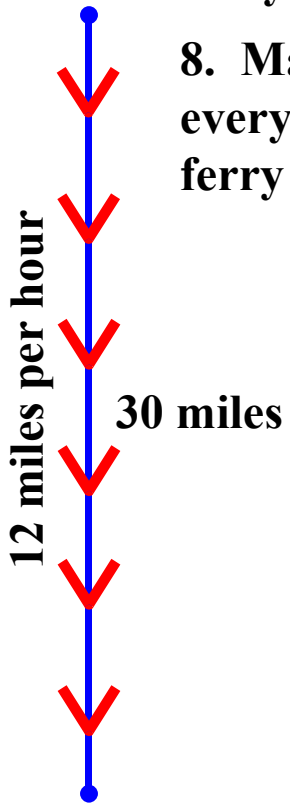


10. Write an equation giving D(t) in terms of t.

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay

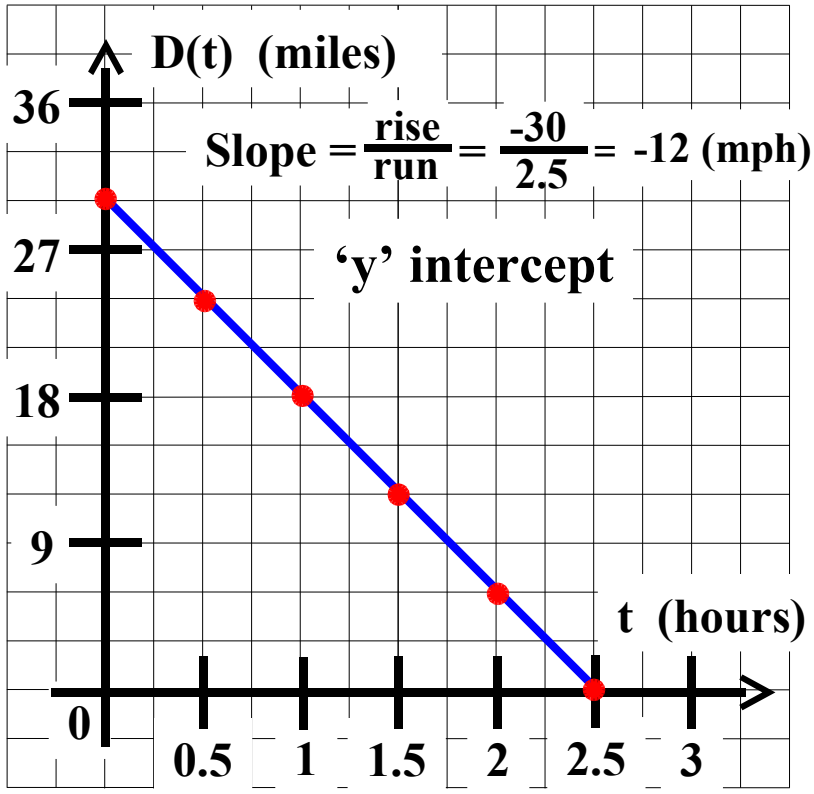


Bird Island

8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

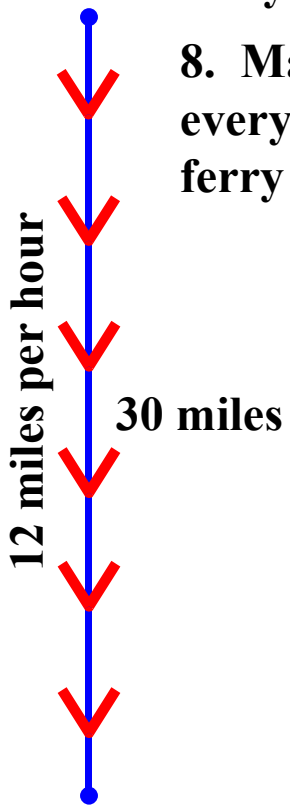
9. Graph function D.



10. Write an equation giving D(t) in terms of t.

Algebra II Class Worksheet #4 Unit 3

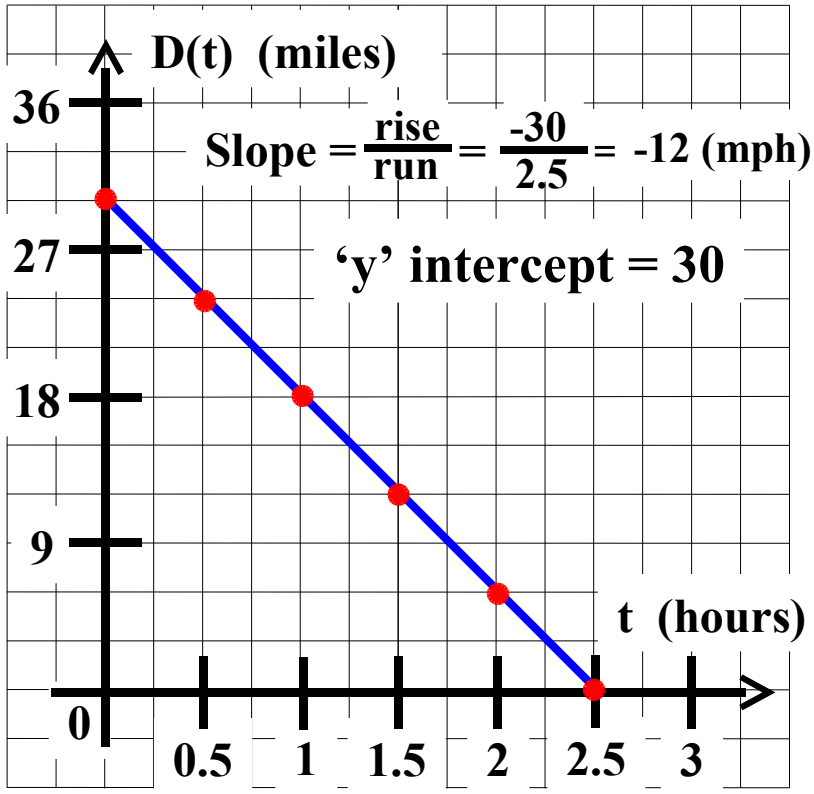
Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

9. Graph function D.

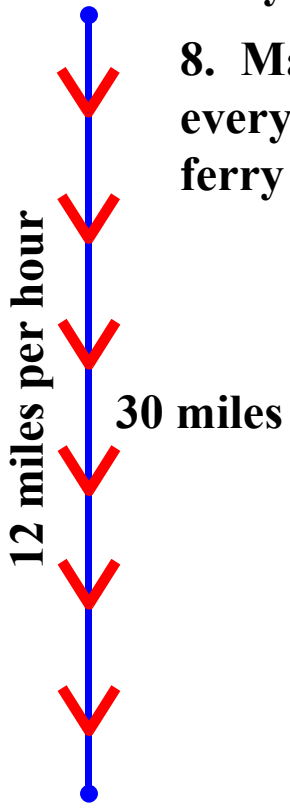


10. Write an equation giving D(t) in terms of t.

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay

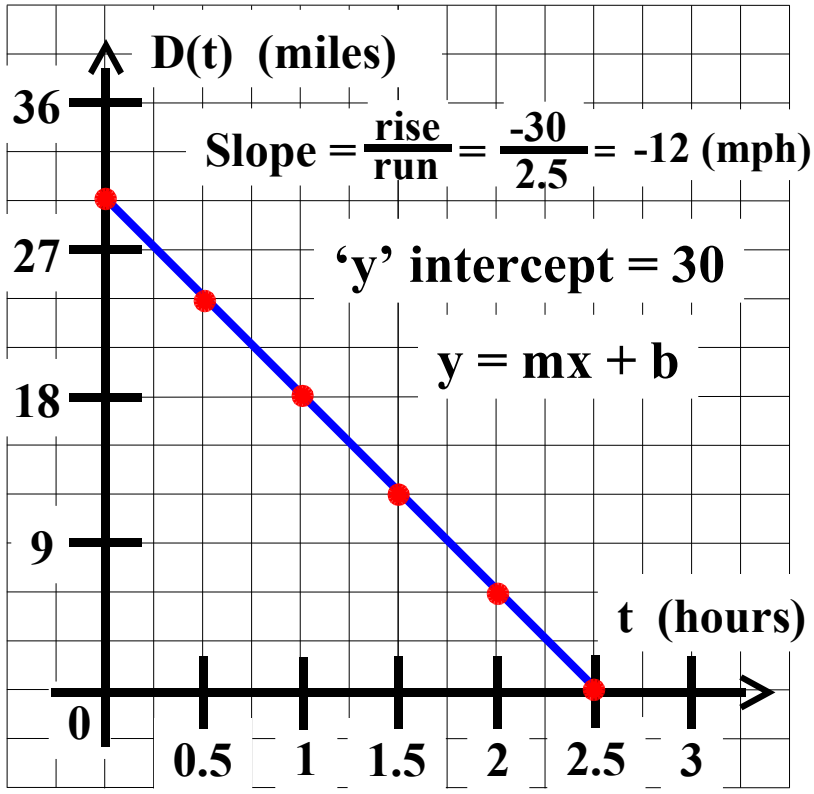


Bird Island

8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

9. Graph function D.

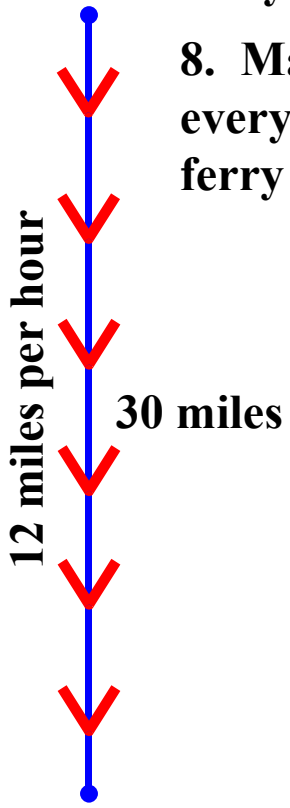


10. Write an equation giving D(t) in terms of t.

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay

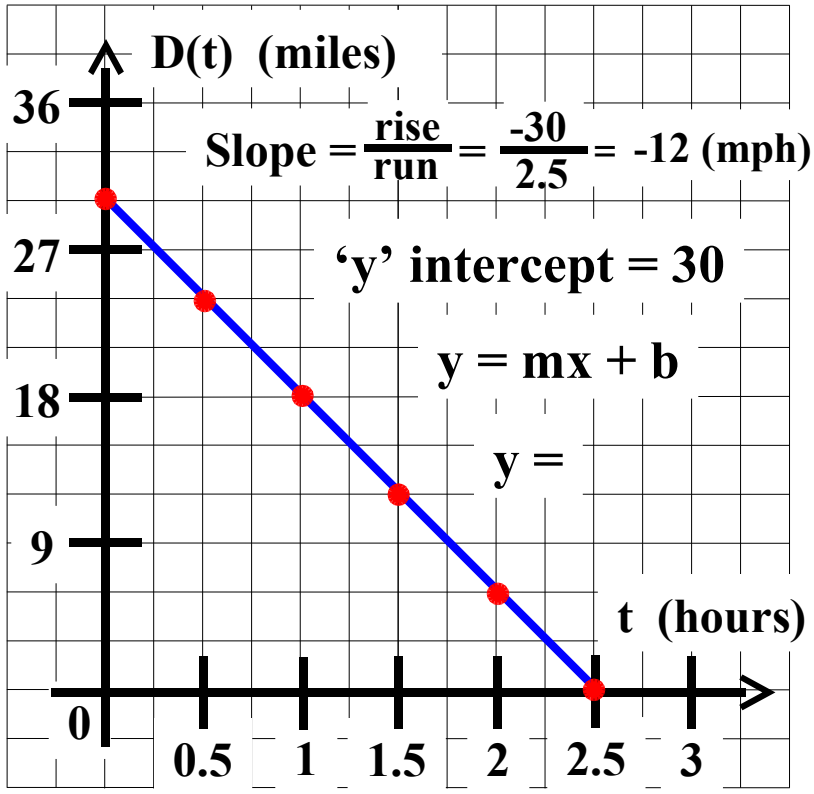


Bird Island

8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

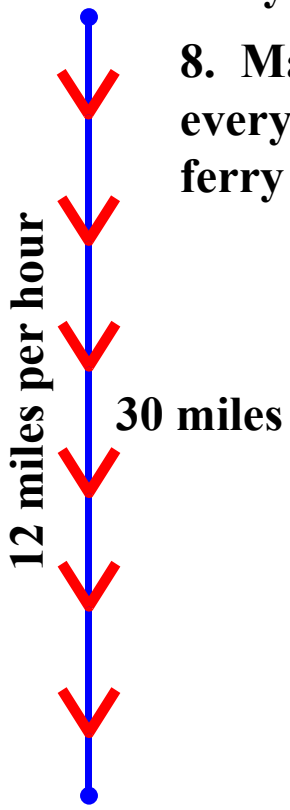
9. Graph function D.



10. Write an equation giving D(t) in terms of t.

Algebra II Class Worksheet #4 Unit 3

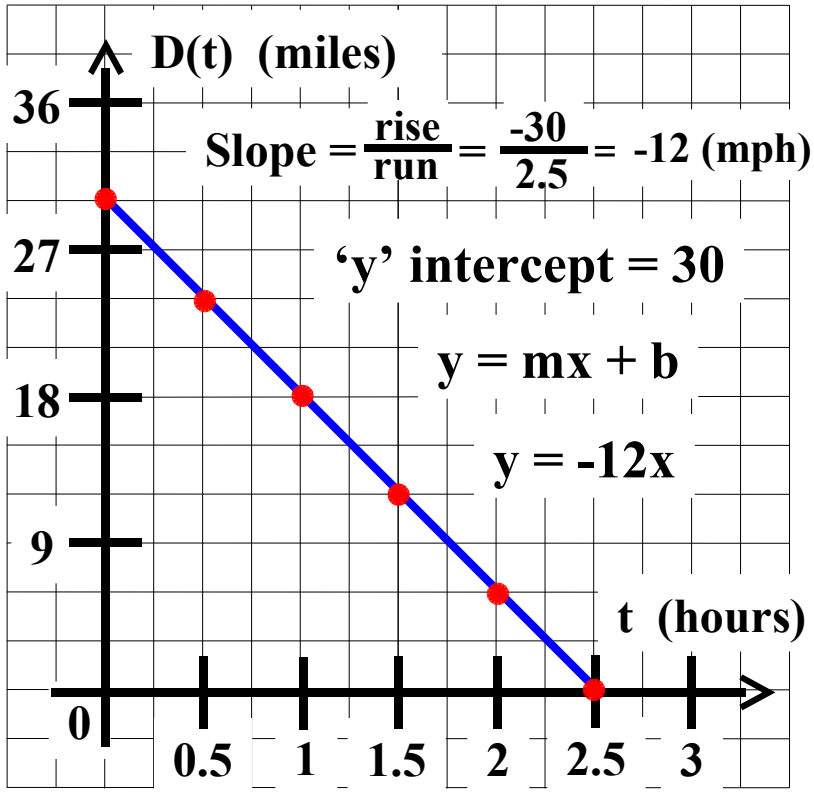
Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

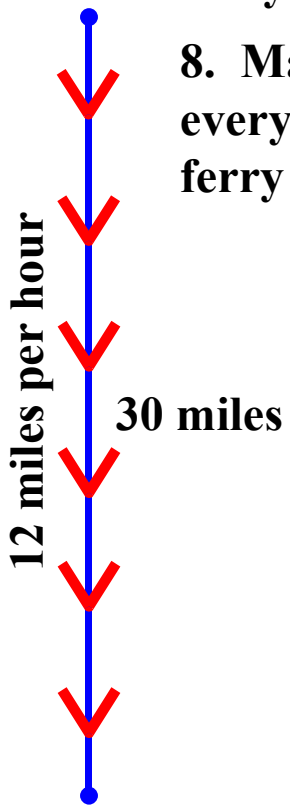
9. Graph function D.



10. Write an equation giving D(t) in terms of t.

Algebra II Class Worksheet #4 Unit 3

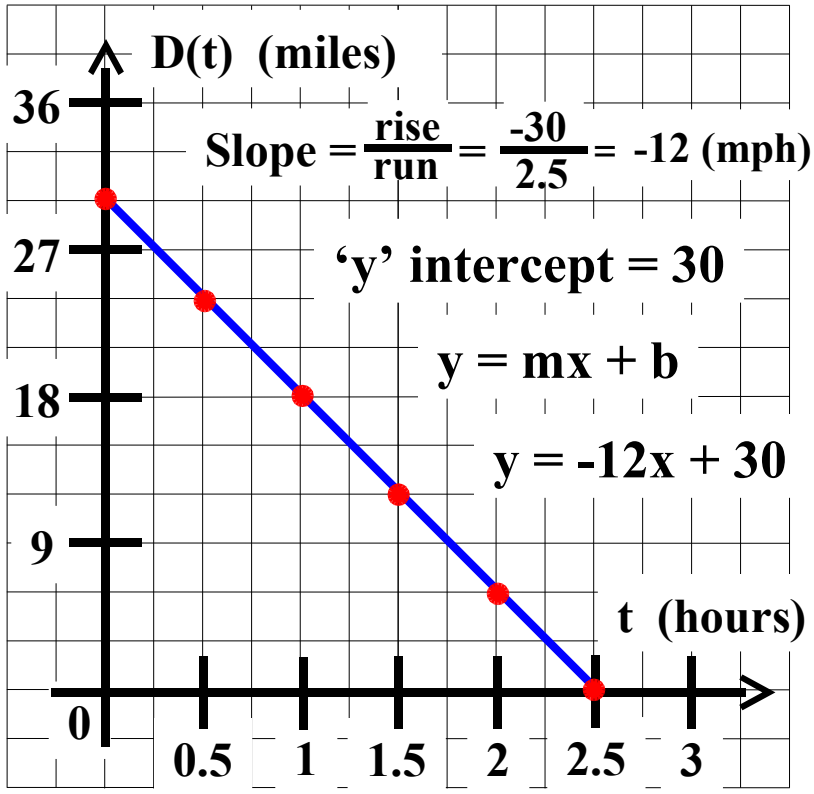
Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

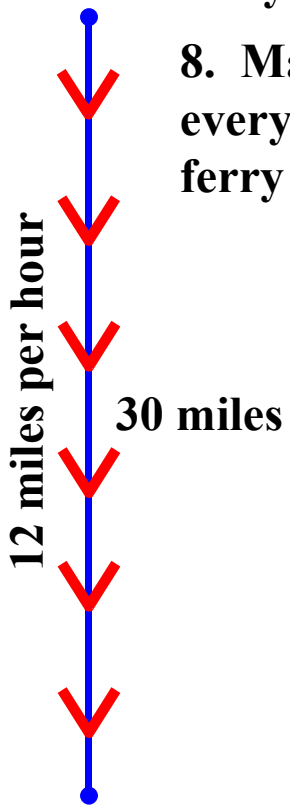
9. Graph function D.



10. Write an equation giving D(t) in terms of t.

Algebra II Class Worksheet #4 Unit 3

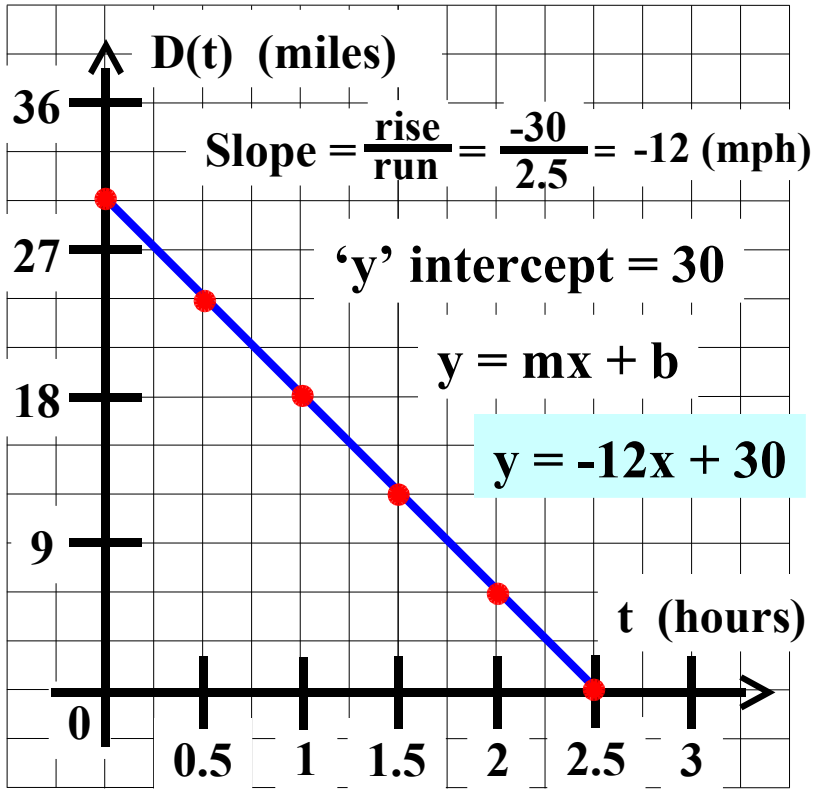
Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

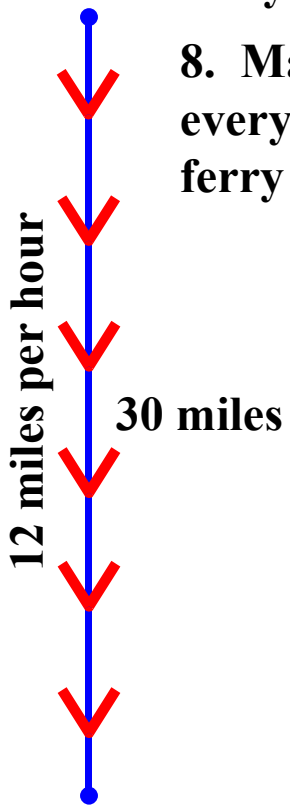
9. Graph function D.



10. Write an equation giving D(t) in terms of t.

Algebra II Class Worksheet #4 Unit 3

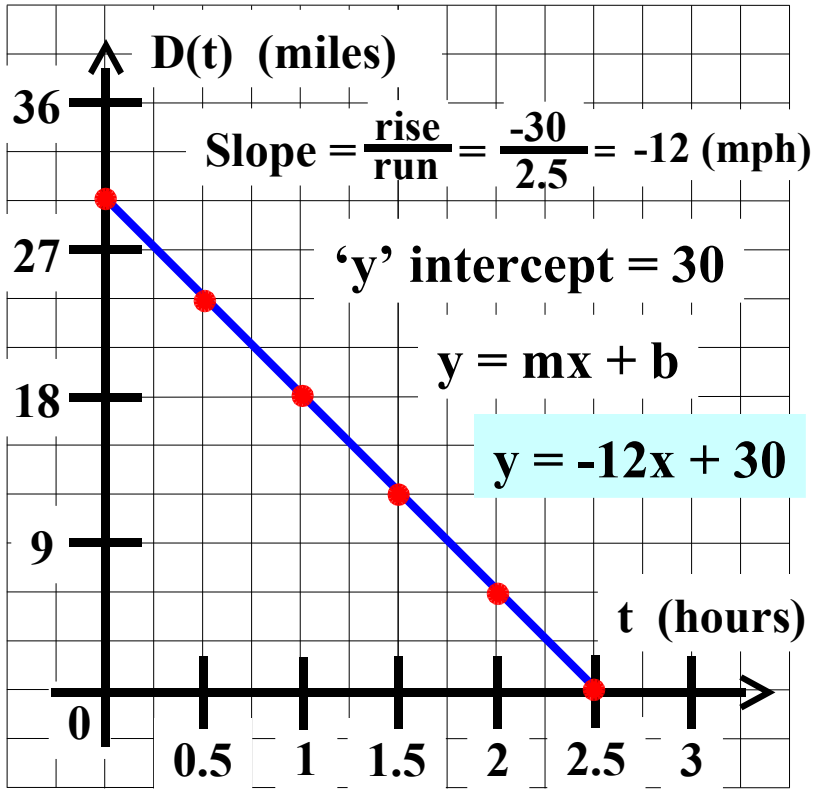
Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

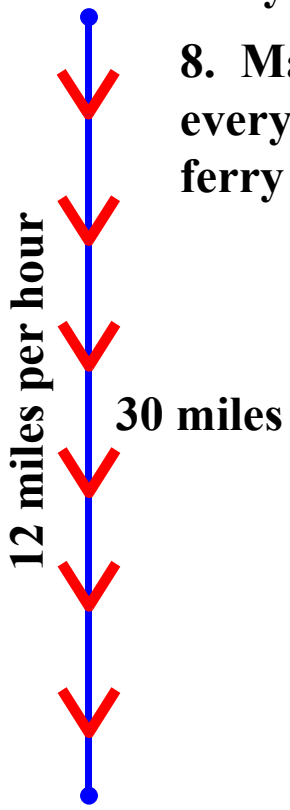
9. Graph function D.



10. Write an equation giving D(t) in terms of t. D(t)

Algebra II Class Worksheet #4 Unit 3

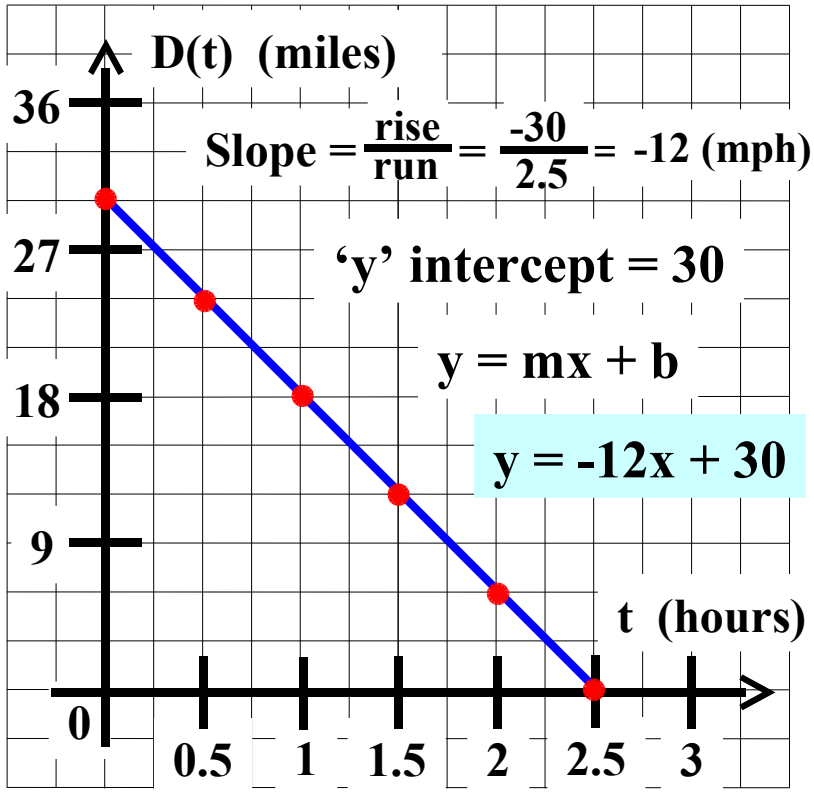
Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

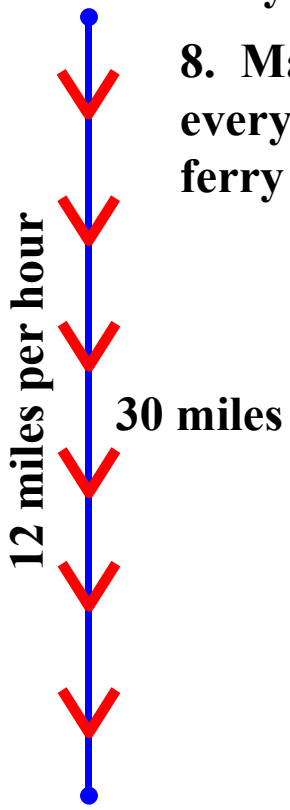
9. Graph function D.



10. Write an equation giving D(t) in terms of t. $D(t) =$

Algebra II Class Worksheet #4 Unit 3

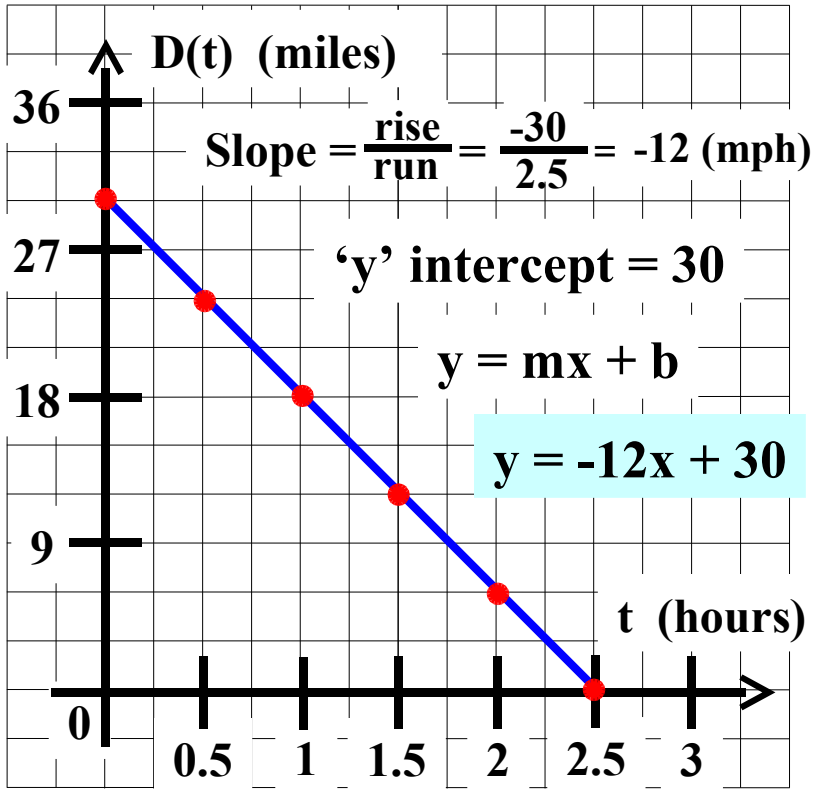
Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

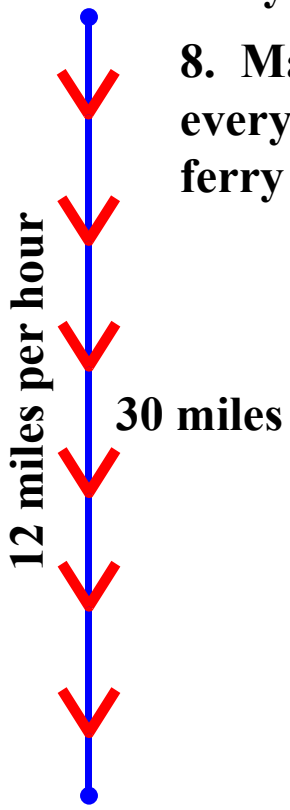
9. Graph function D.



10. Write an equation giving D(t) in terms of t. $D(t) = -12t$

Algebra II Class Worksheet #4 Unit 3

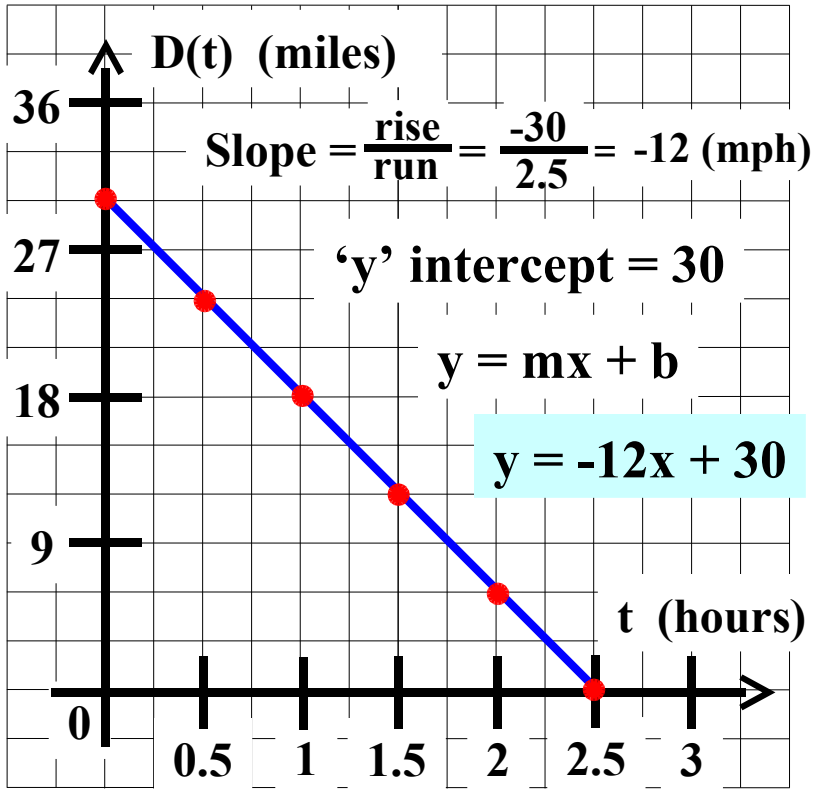
Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

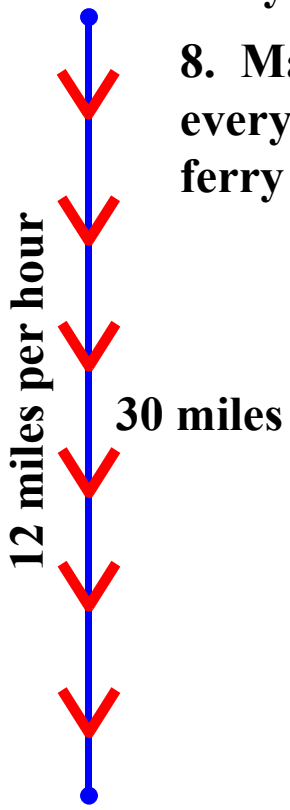
9. Graph function D.



10. Write an equation giving D(t) in terms of t. $D(t) = -12t + 30$

Algebra II Class Worksheet #4 Unit 3

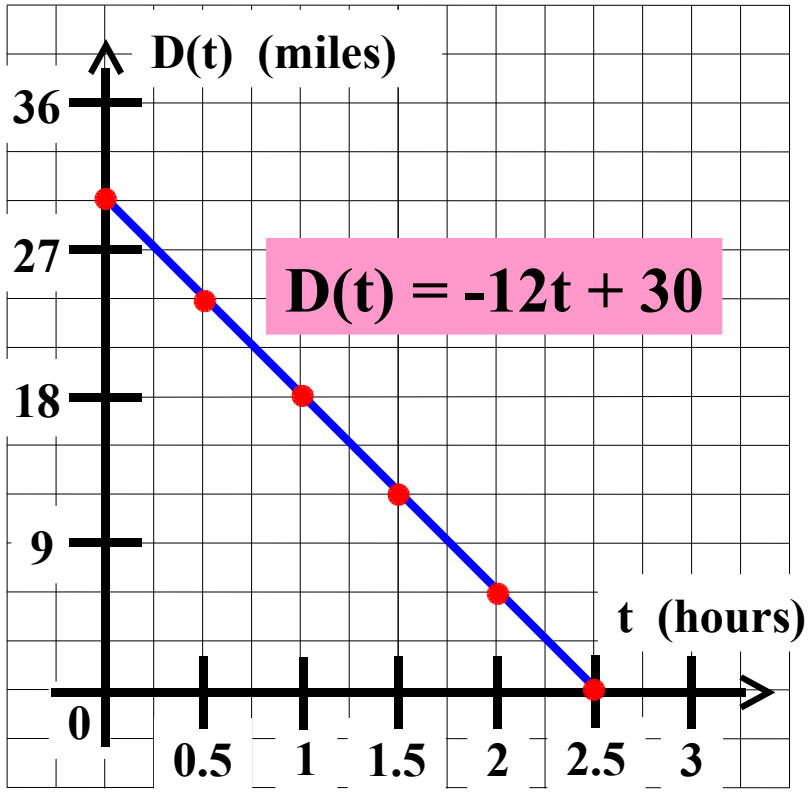
Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

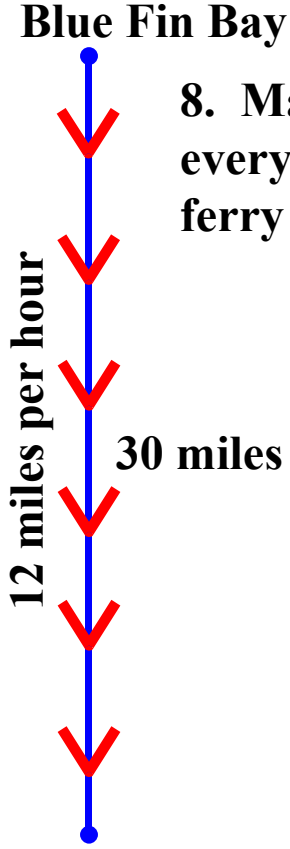
t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

9. Graph function D.



Algebra II Class Worksheet #4 Unit 3

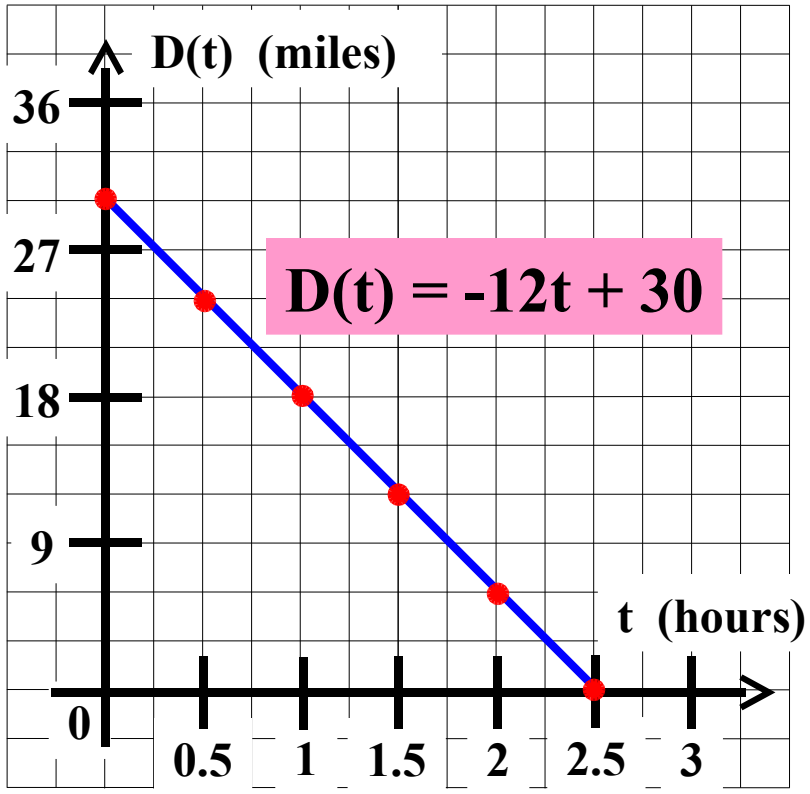
Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

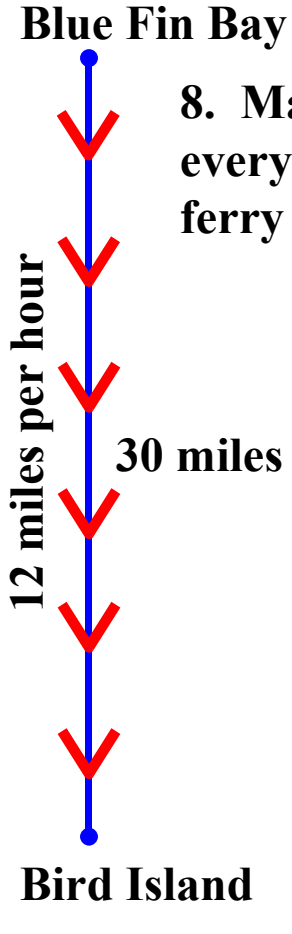
9. Graph function D.



11. What is the domain of function D? _____

Algebra II Class Worksheet #4 Unit 3

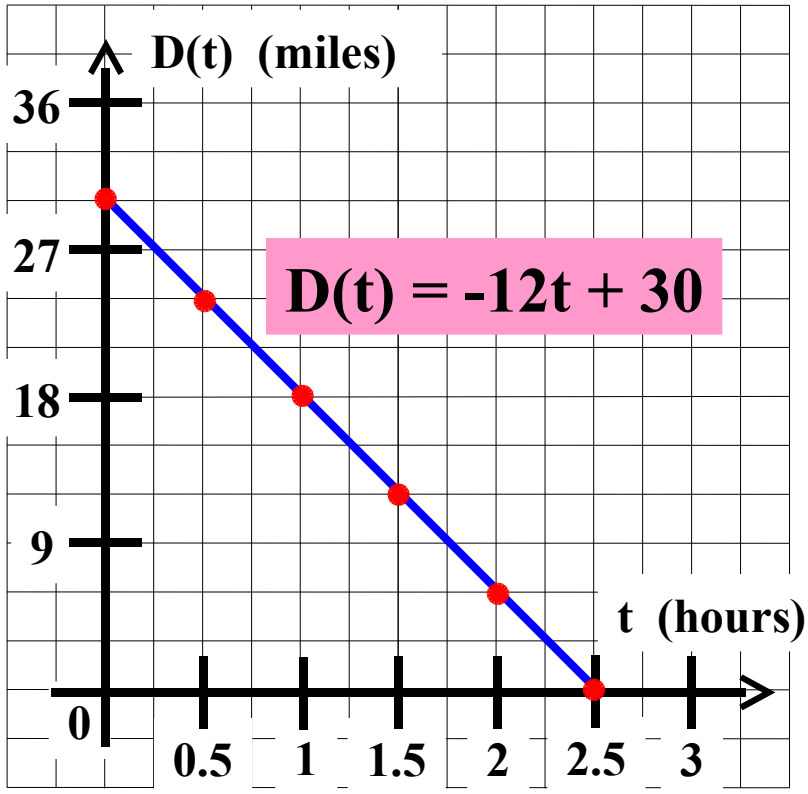
Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

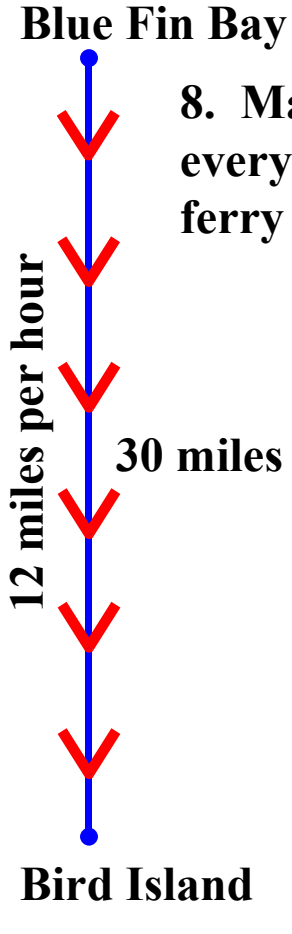
9. Graph function D.



11. What is the domain of function D? _____

Algebra II Class Worksheet #4 Unit 3

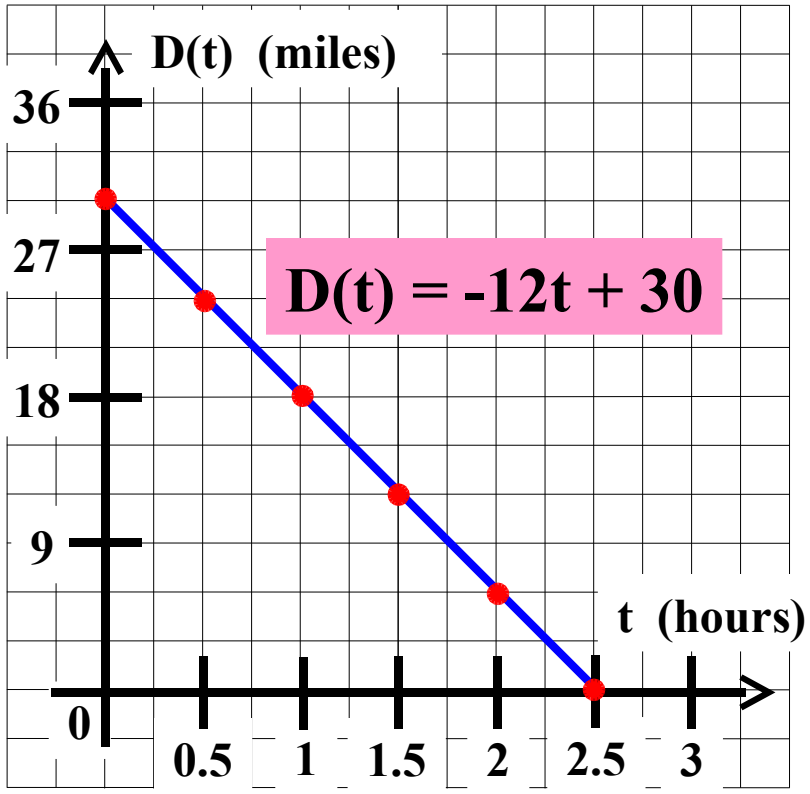
Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

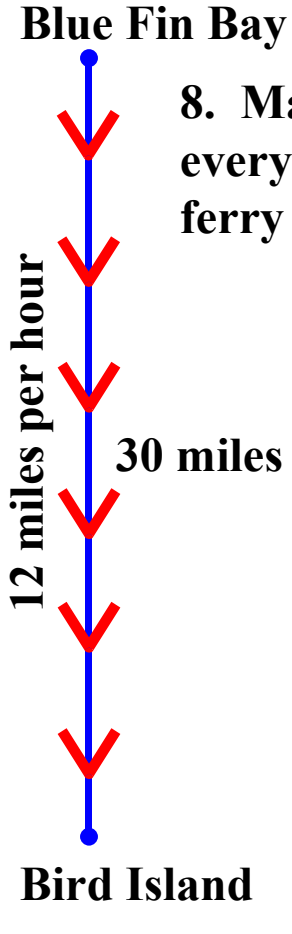
9. Graph function D.



11. What is the domain of function D? [_____

Algebra II Class Worksheet #4 Unit 3

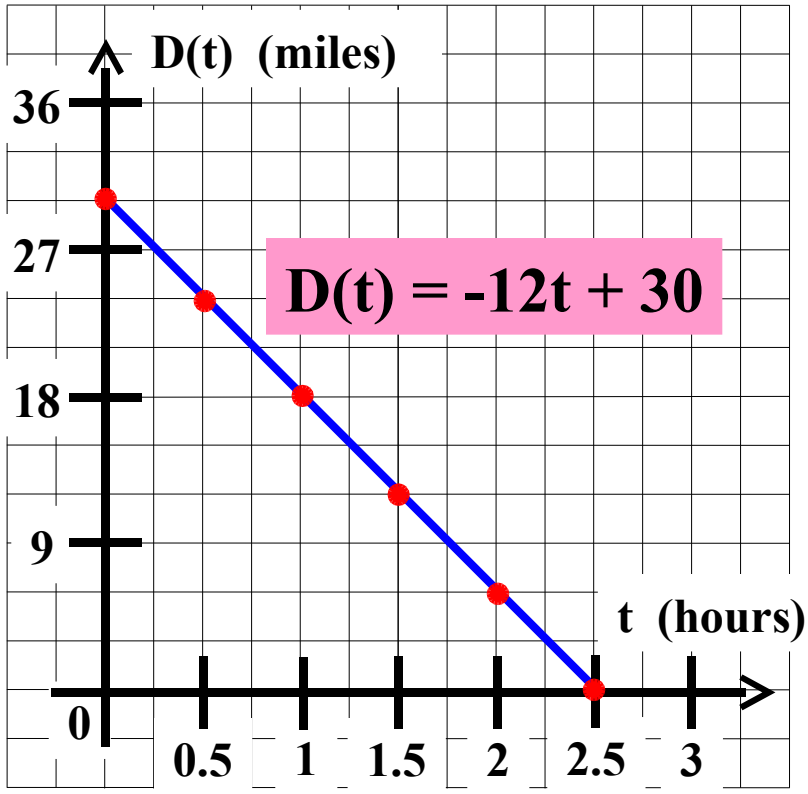
Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

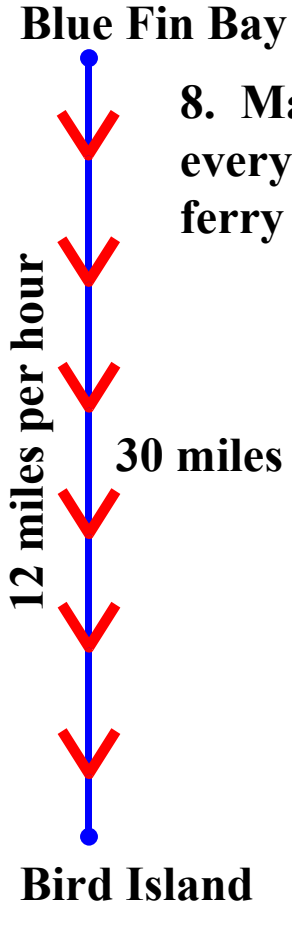
9. Graph function D.



11. What is the domain of function D? [0,

Algebra II Class Worksheet #4 Unit 3

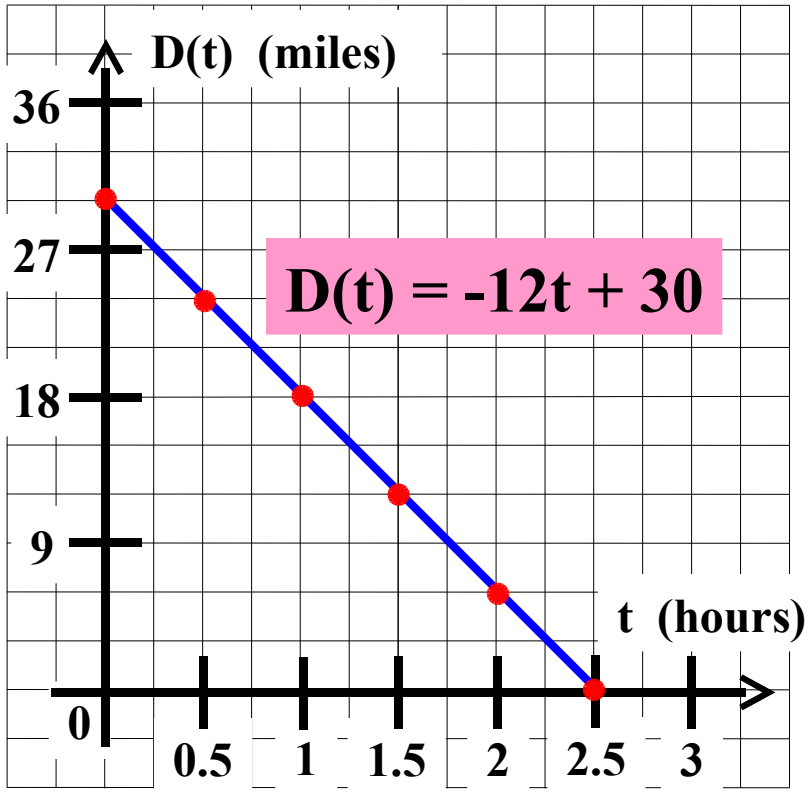
Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

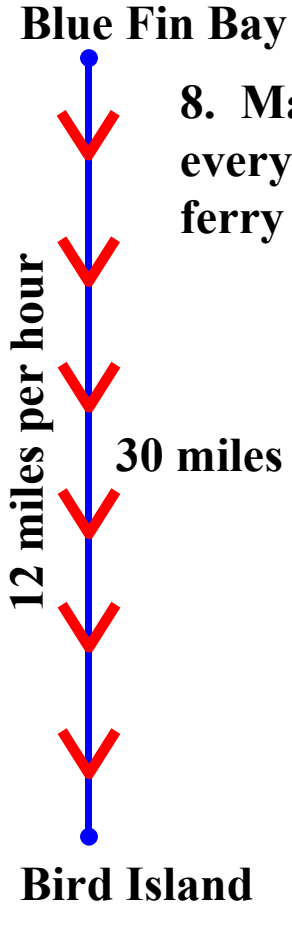
9. Graph function D.



11. What is the domain of function D? [0, 2.5

Algebra II Class Worksheet #4 Unit 3

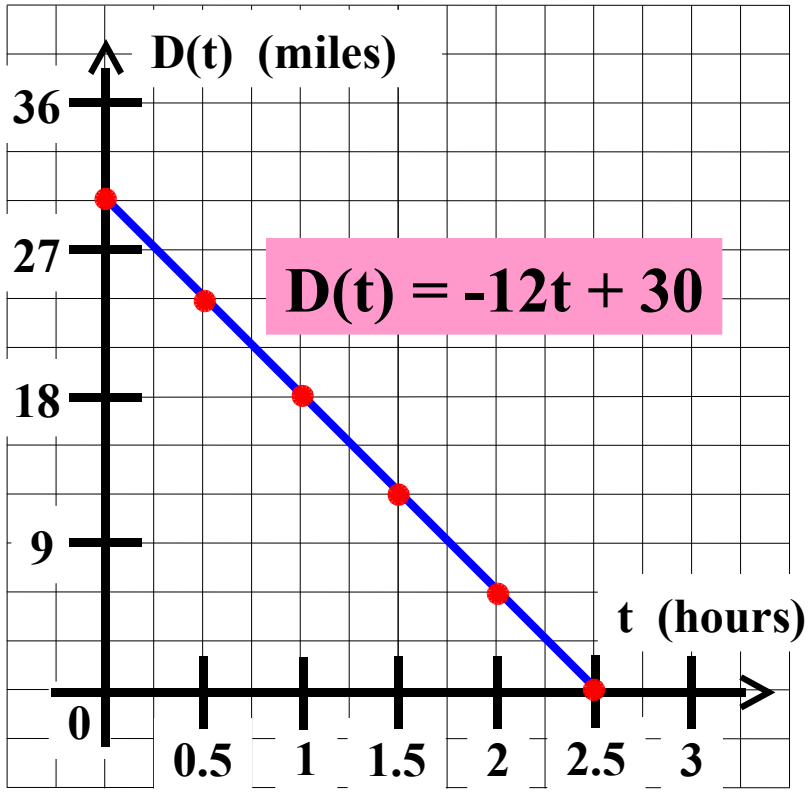
Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

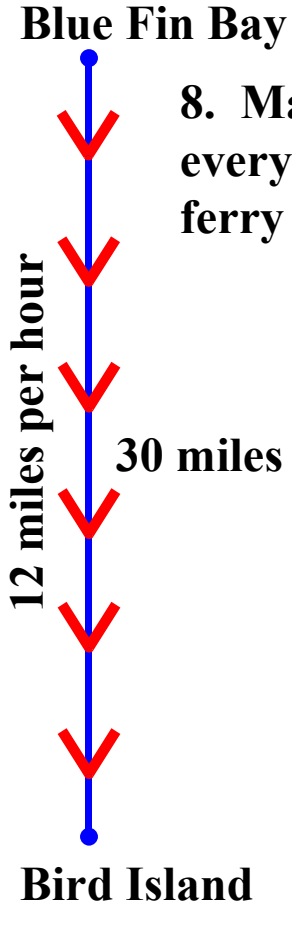
9. Graph function D.



11. What is the domain of function D? [0, 2.5]

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



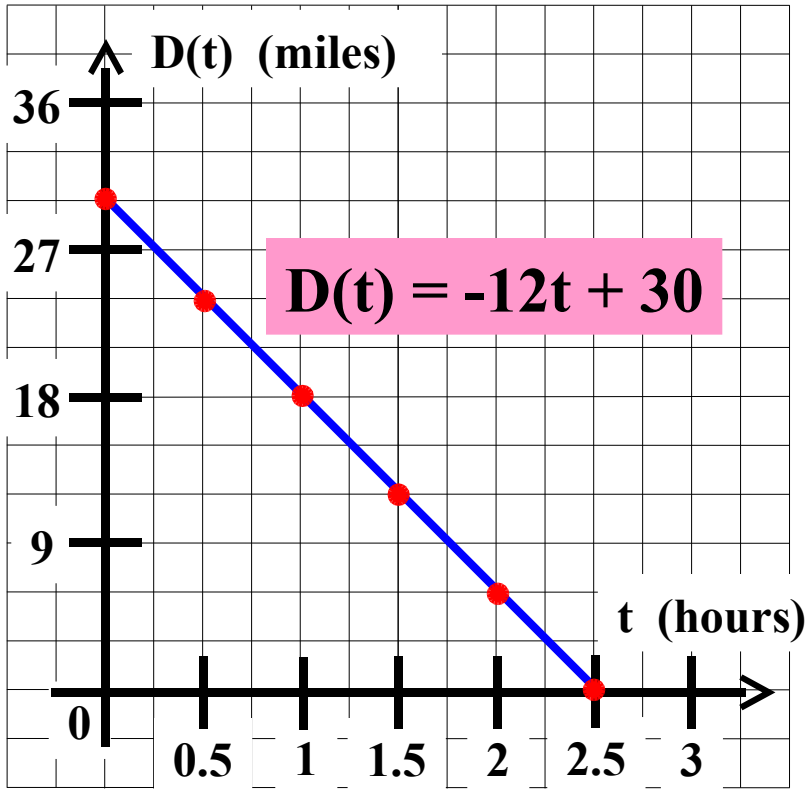
8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

domain

[0, 2.5]

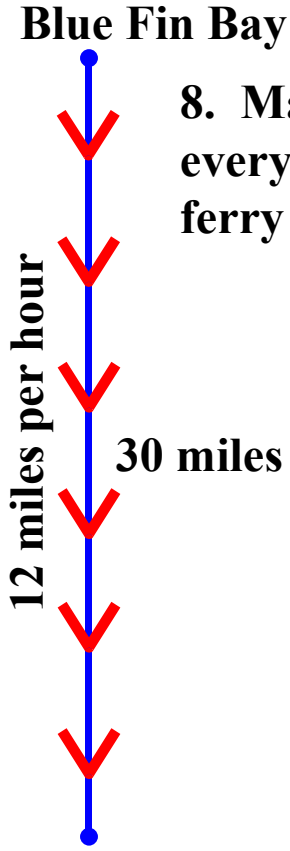
9. Graph function D.



11. What is the domain of function D? **[0, 2.5]**

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



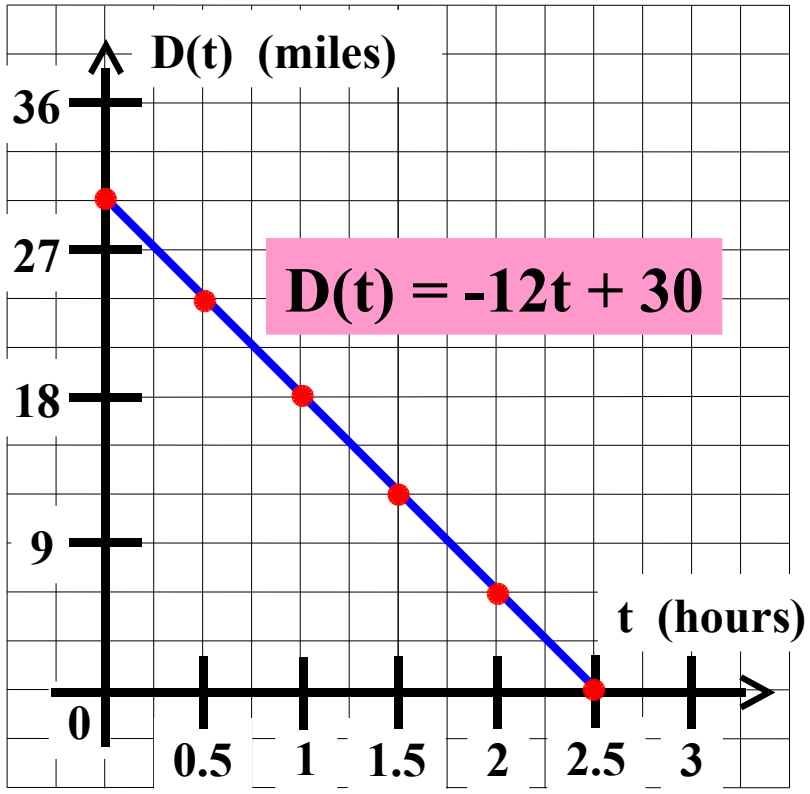
8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

domain

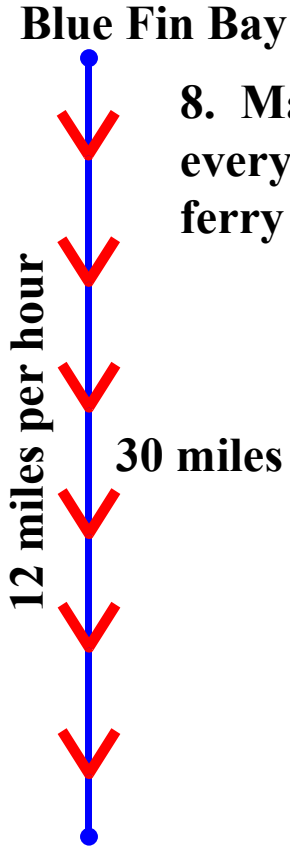
[0, 2.5]

9. Graph function D.



Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



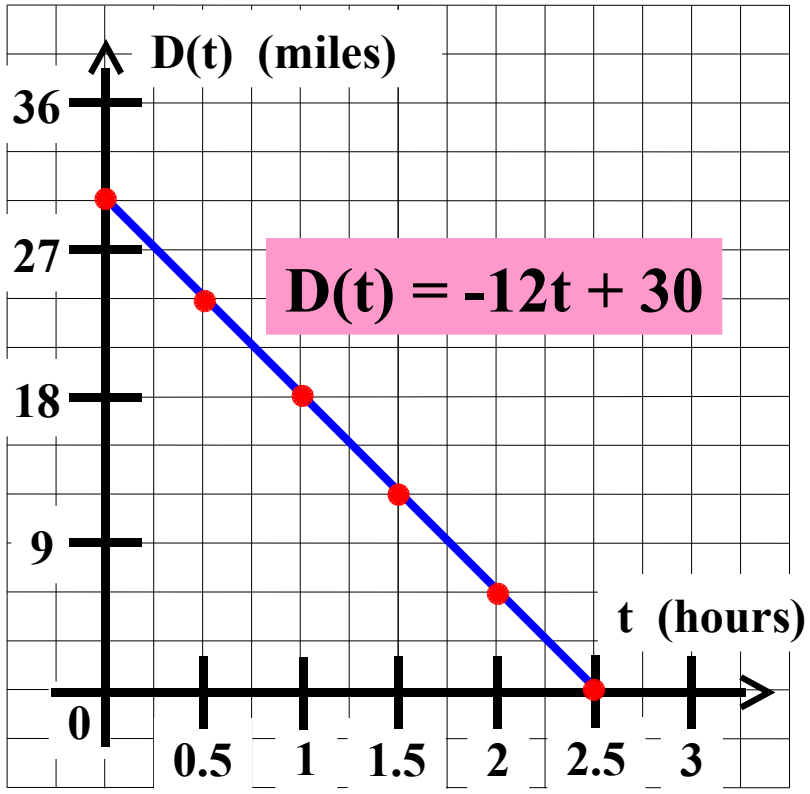
8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

domain

[0, 2.5]

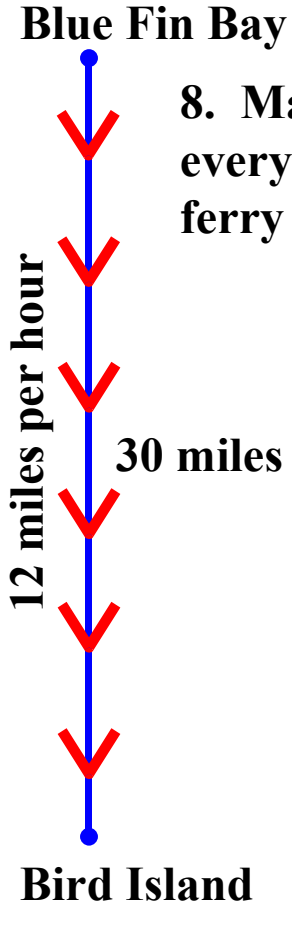
9. Graph function D.



12. What is the range of function D? _____

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

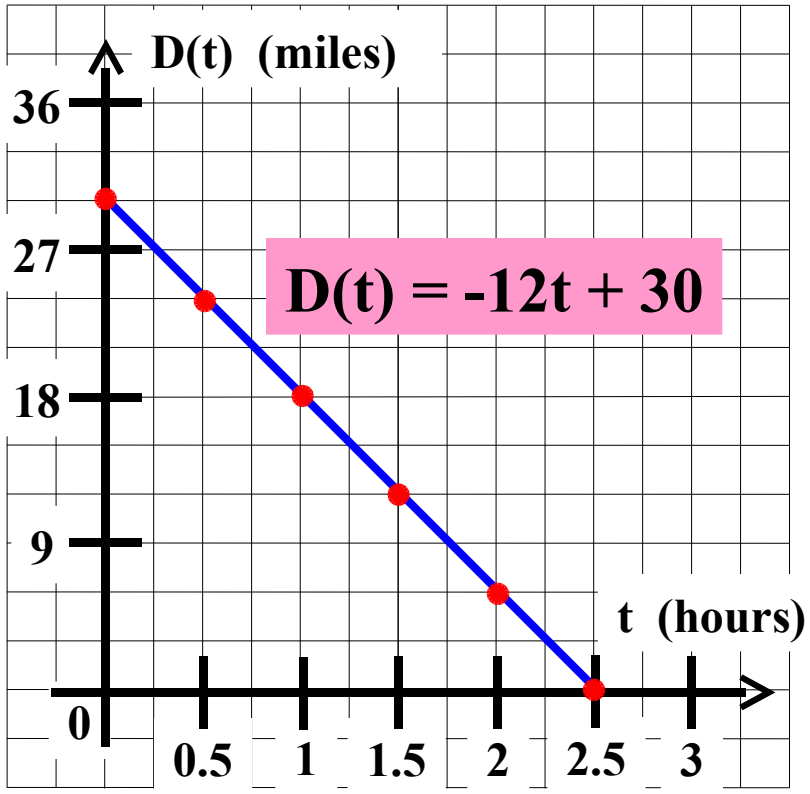


8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

domain
[0, 2.5]

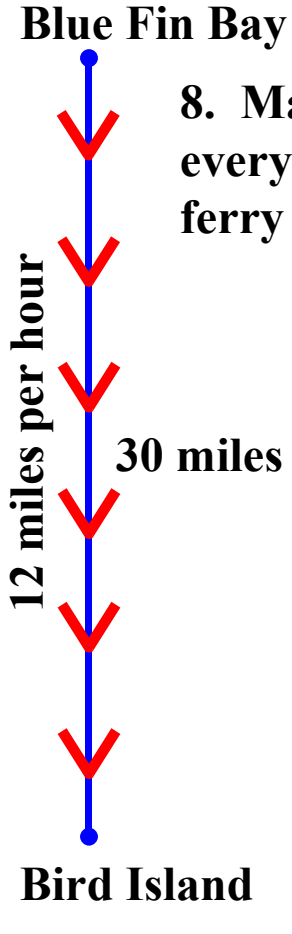
9. Graph function D.



12. What is the range of function D? _____

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



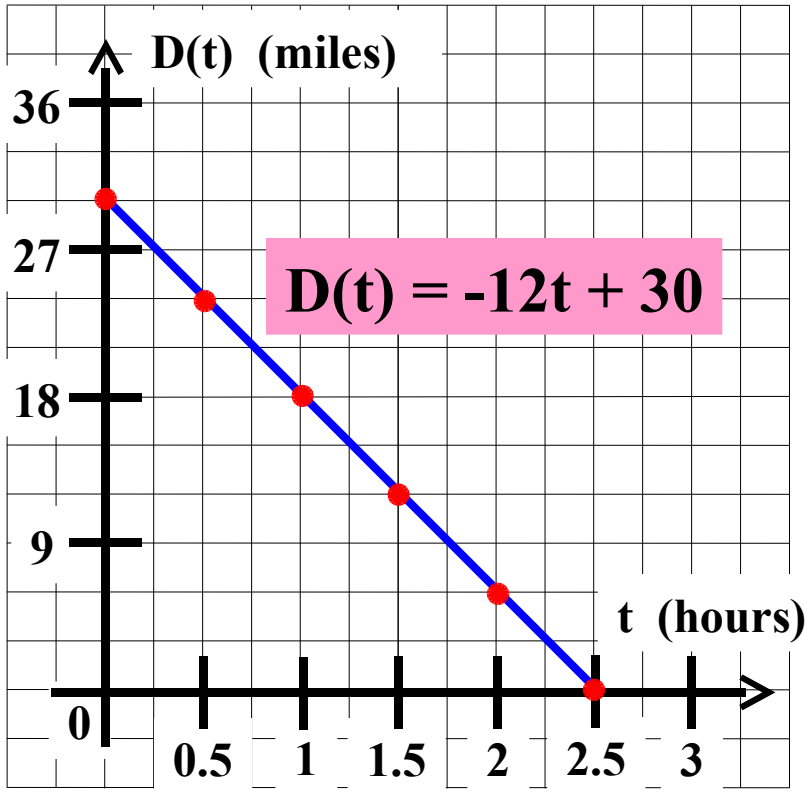
8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

domain

[0, 2.5]

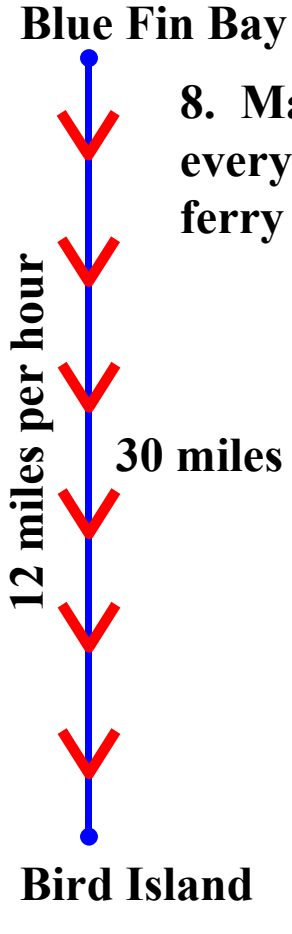
9. Graph function D.



12. What is the range of function D? [ ]

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



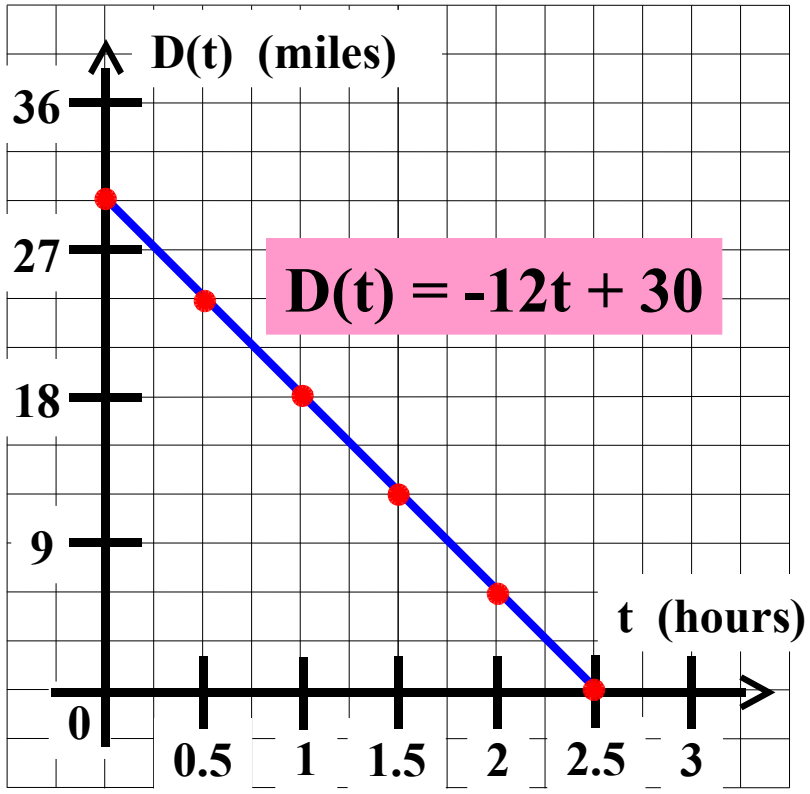
8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

domain

[0, 2.5]

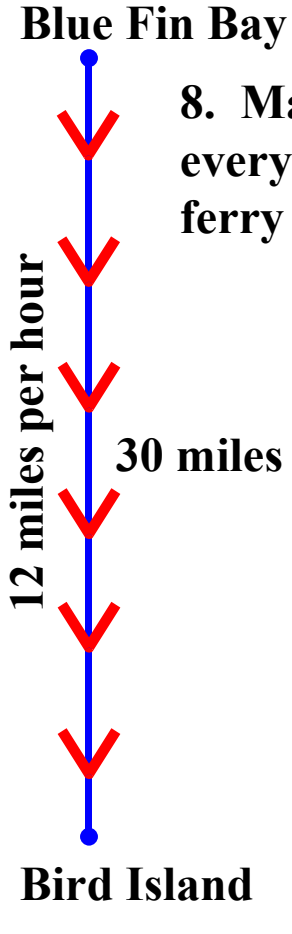
9. Graph function D.



12. What is the range of function D? [0,]

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

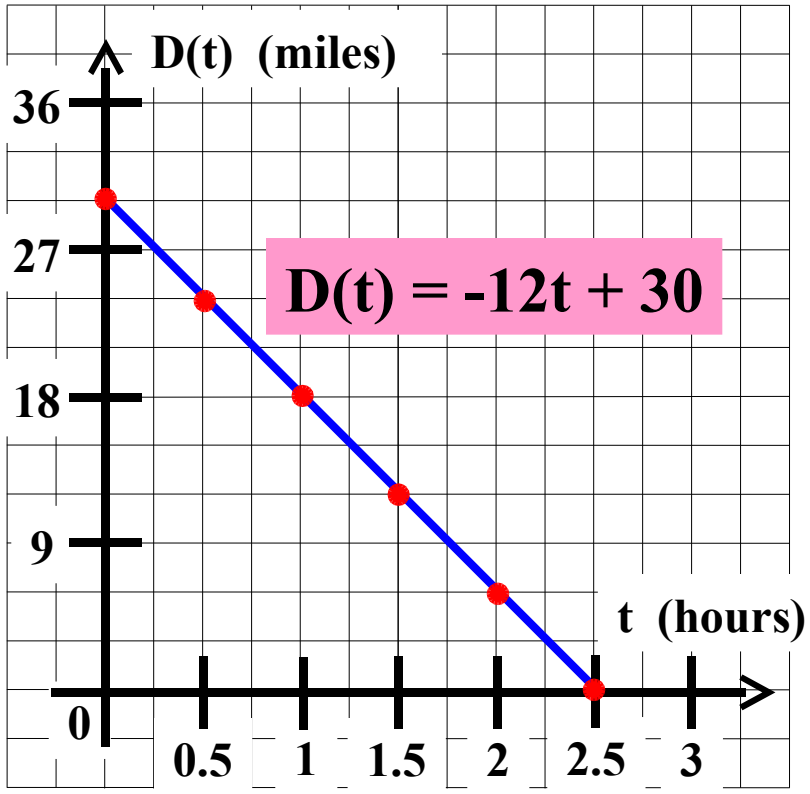


8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

domain
[0, 2.5]

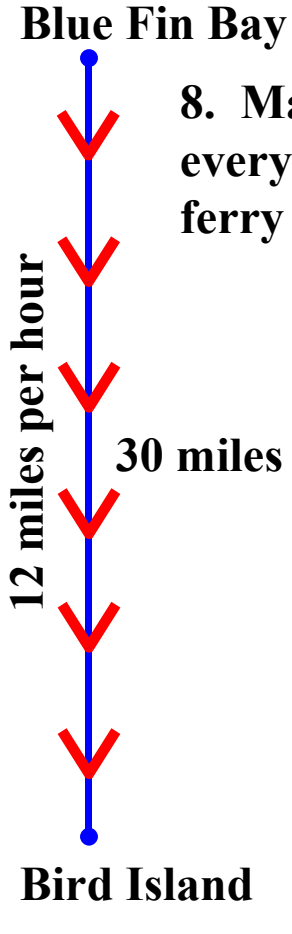
9. Graph function D.



12. What is the range of function D? **[0, 30**

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



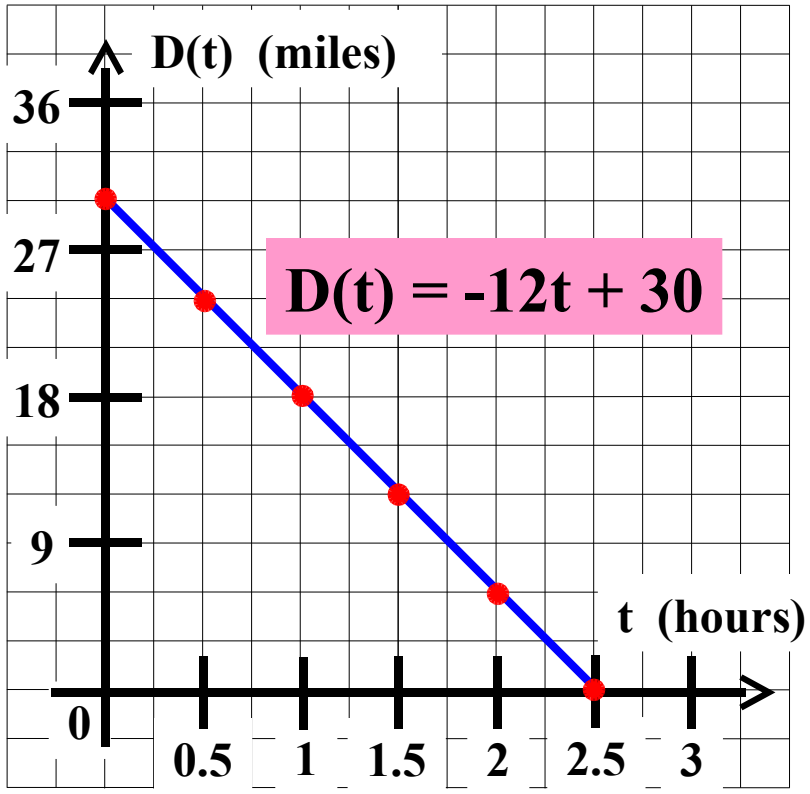
8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

domain

[0, 2.5]

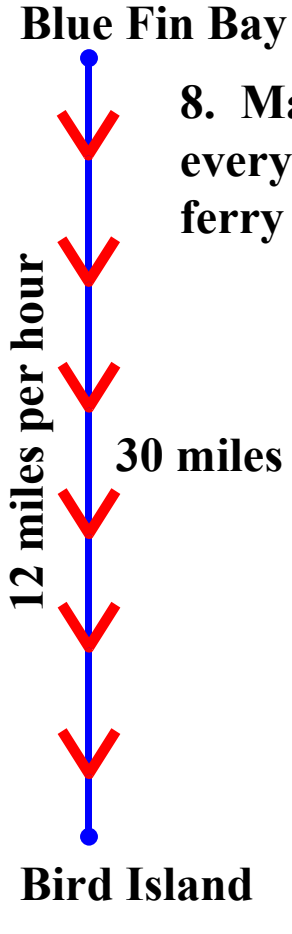
9. Graph function D.



12. What is the range of function D? **[0, 30]**

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

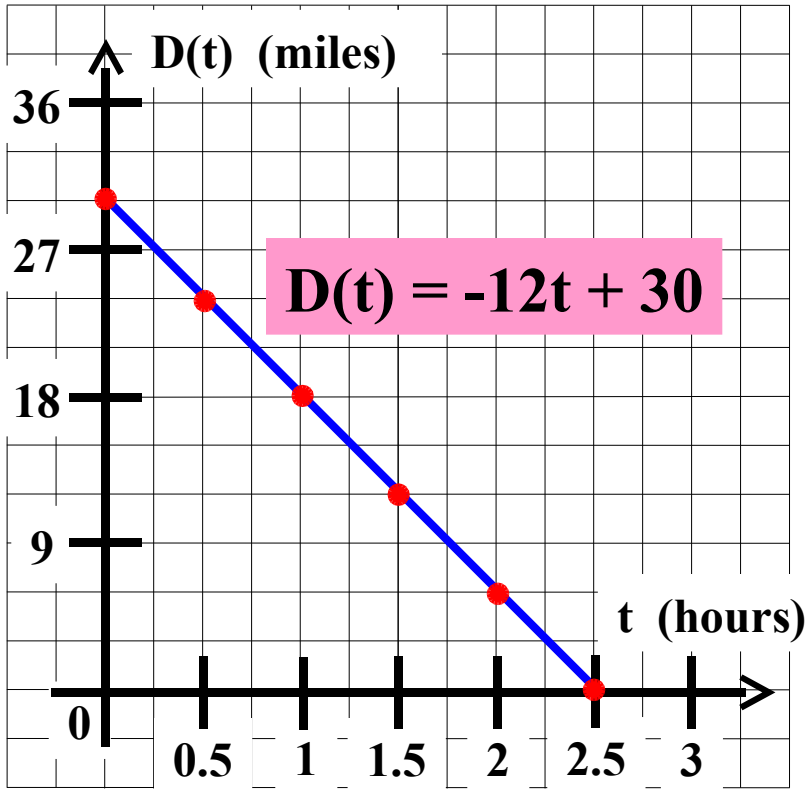
domain

[0, 2.5]

range

[0, 30]

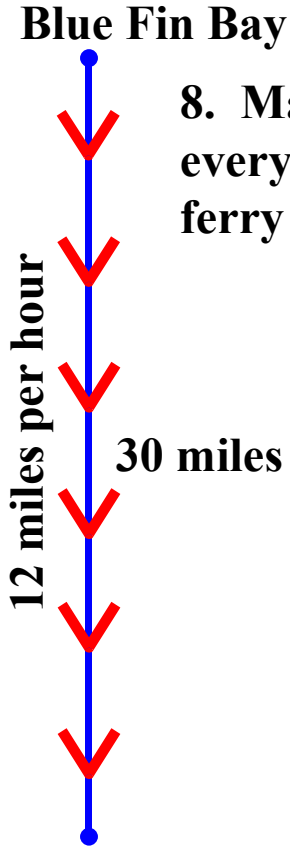
9. Graph function D.



12. What is the range of function D? **[0, 30]**

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

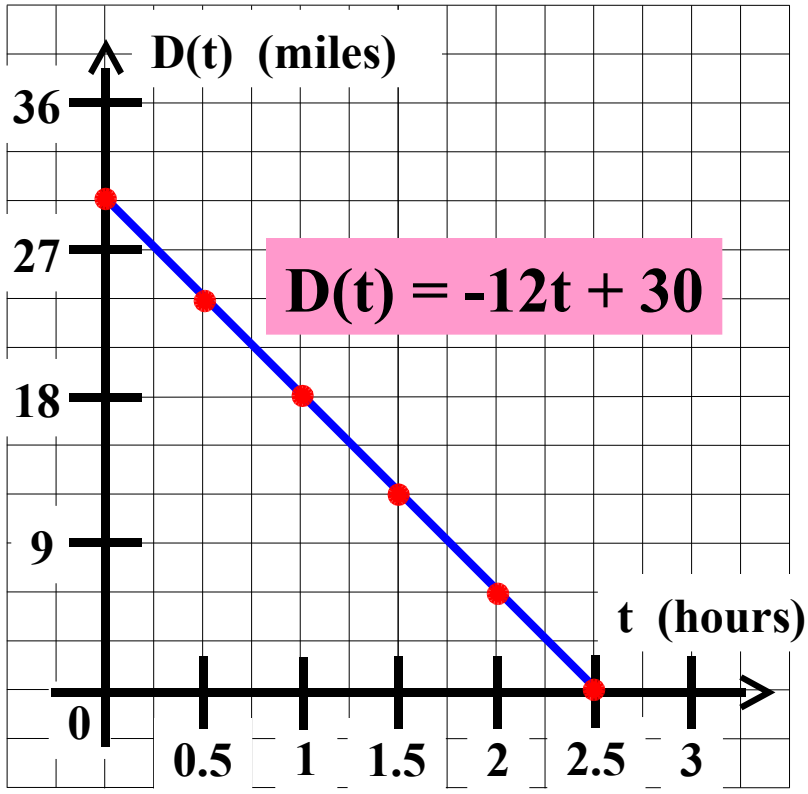
domain

[0, 2.5]

range

[0, 30]

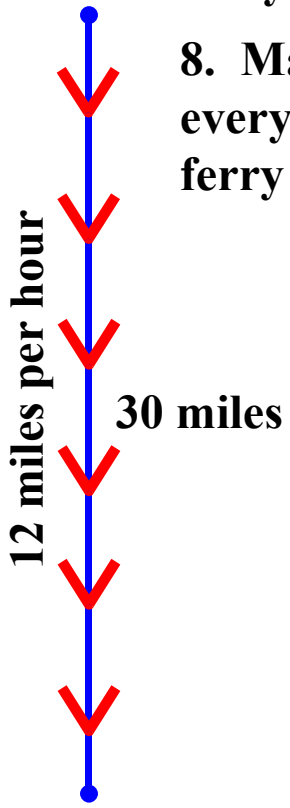
9. Graph function D.



Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay



Bird Island

8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

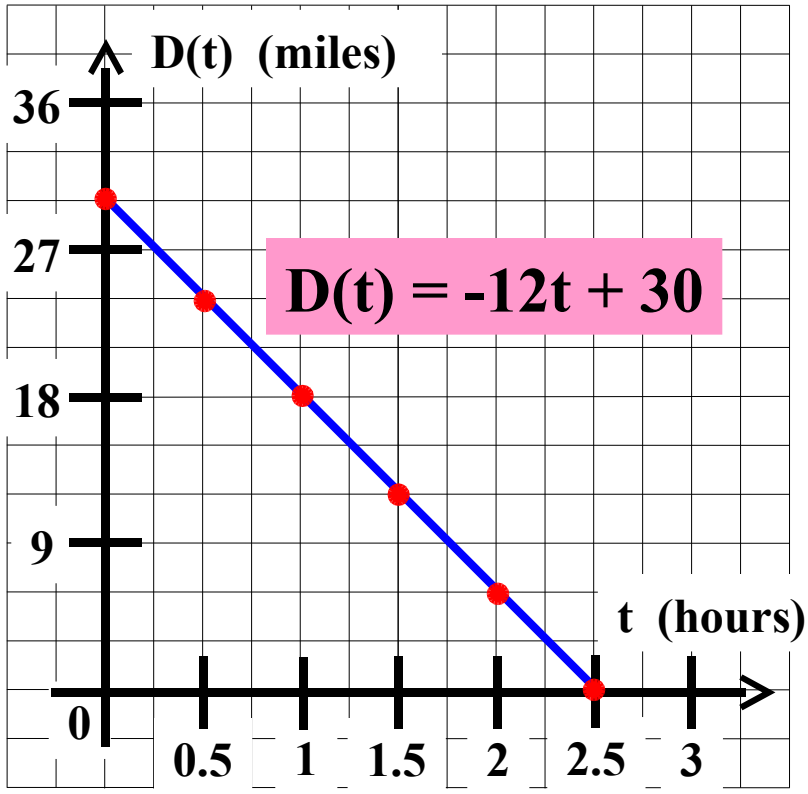
domain

[0, 2.5]

range

[0, 30]

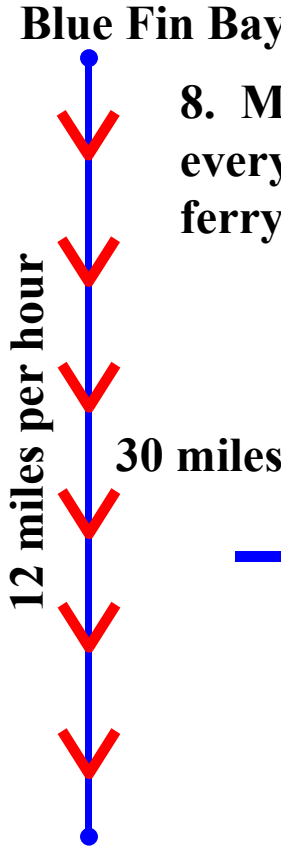
9. Graph function D.



13. Evaluate D(1).

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

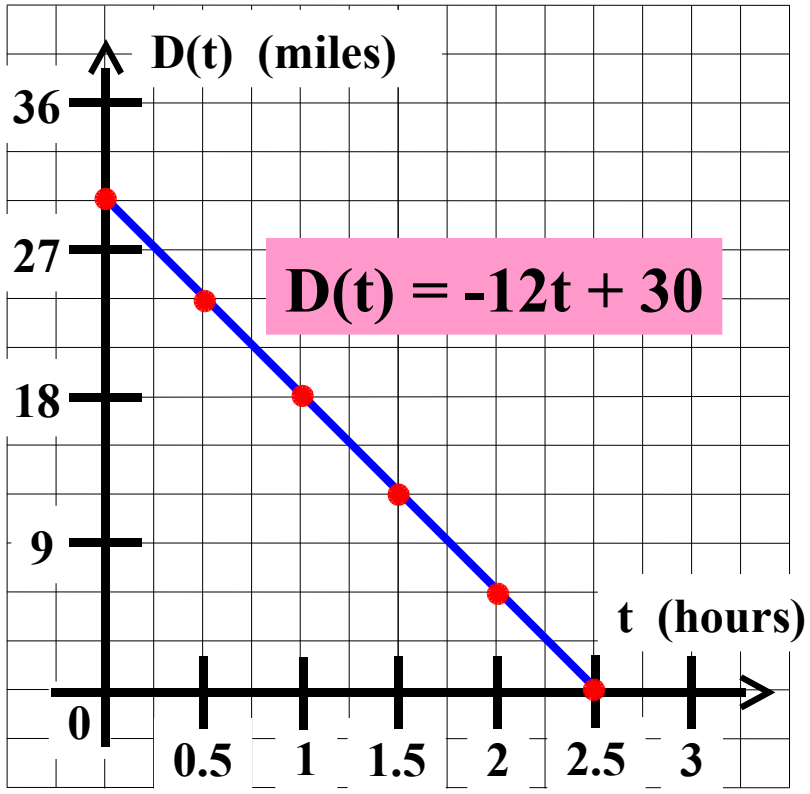
domain

[0, 2.5]

range

[0, 30]

9. Graph function D.



13. Evaluate D(1).

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay

12 miles per hour

30 miles

Bird Island

8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

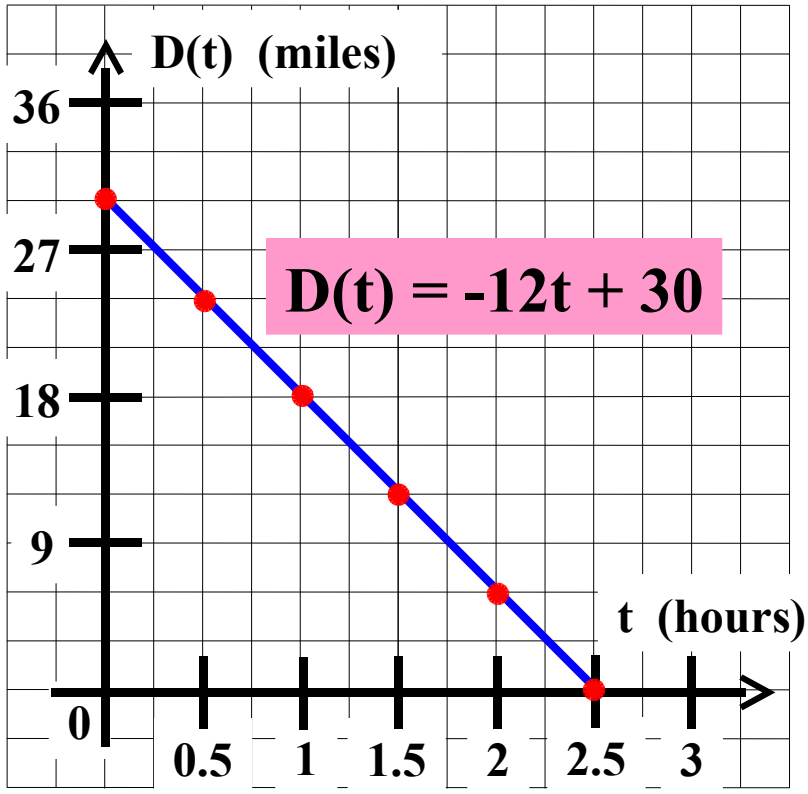
domain

[0, 2.5]

range

[0, 30]

9. Graph function D.



13. Evaluate D(1).

D(1) =

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay

12 miles per hour

30 miles

Bird Island

8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

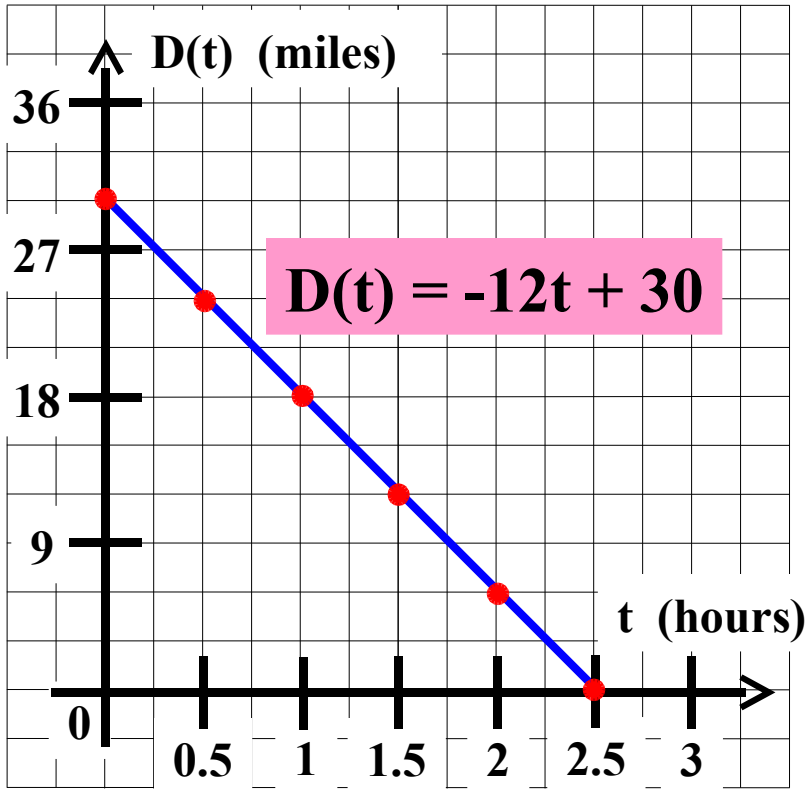
domain

[0, 2.5]

range

[0, 30]

9. Graph function D.

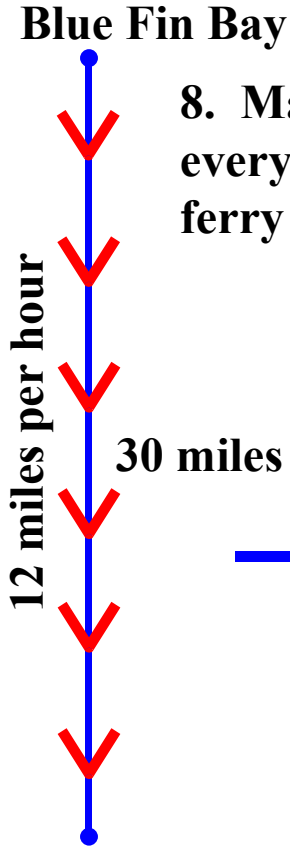


13. Evaluate D(1).

D(1) = 18

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

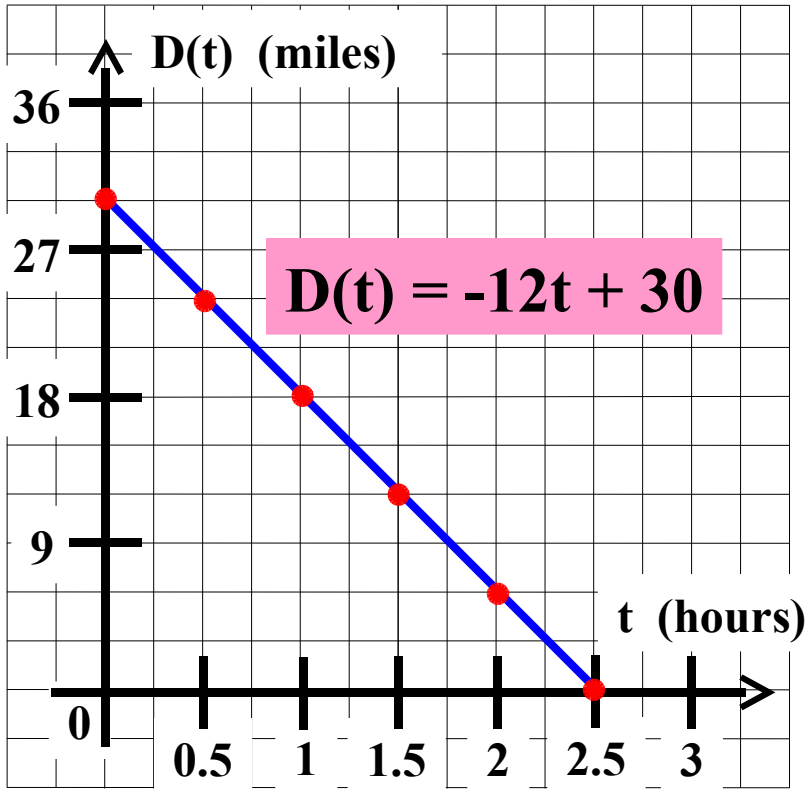
domain

[0, 2.5]

range

[0, 30]

9. Graph function D.

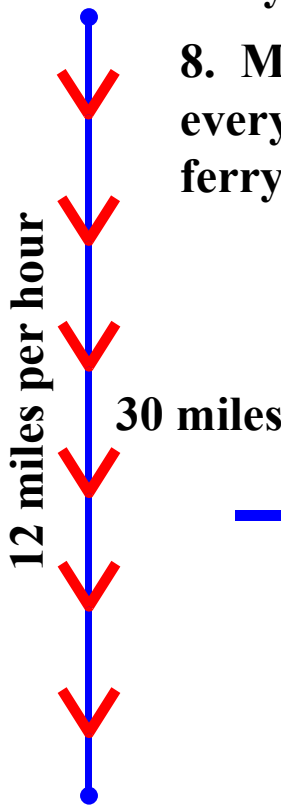


13. Evaluate D(1). What does D(1) represent in terms of the problem?

D(1) = 18

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

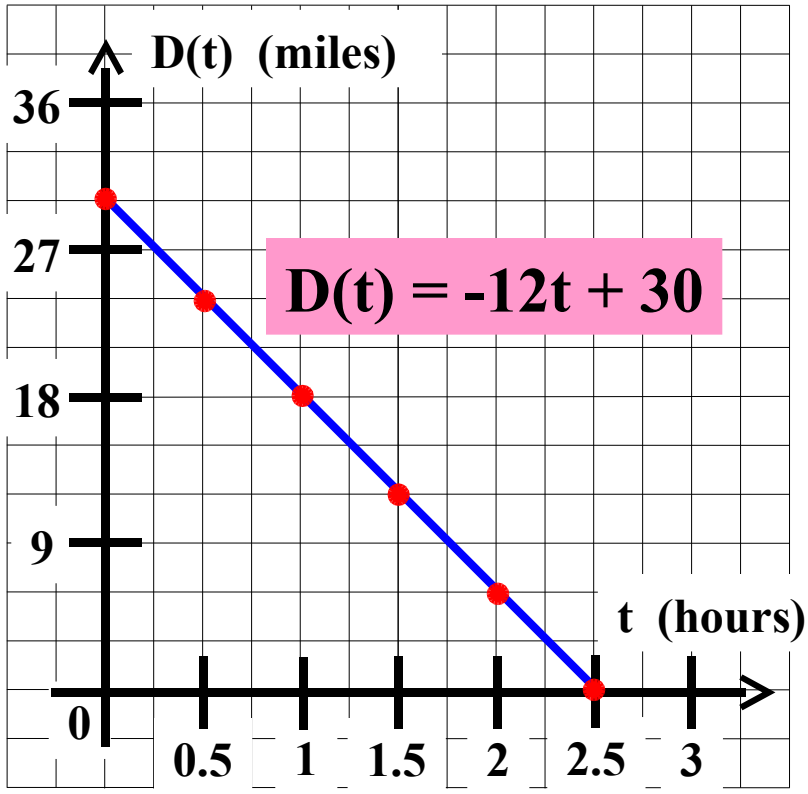
domain

[0, 2.5]

range

[0, 30]

9. Graph function D.

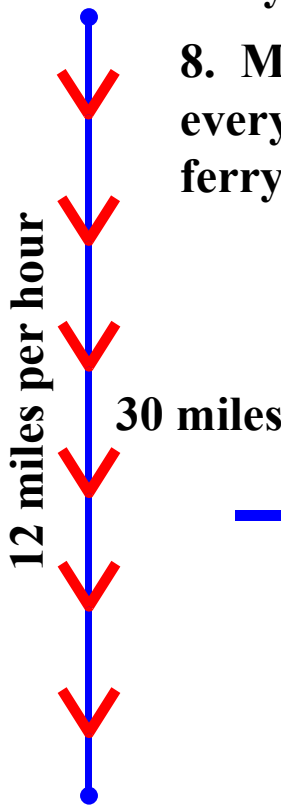


13. Evaluate D(1). What does D(1) represent in terms of the problem?

D(1) = 18

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

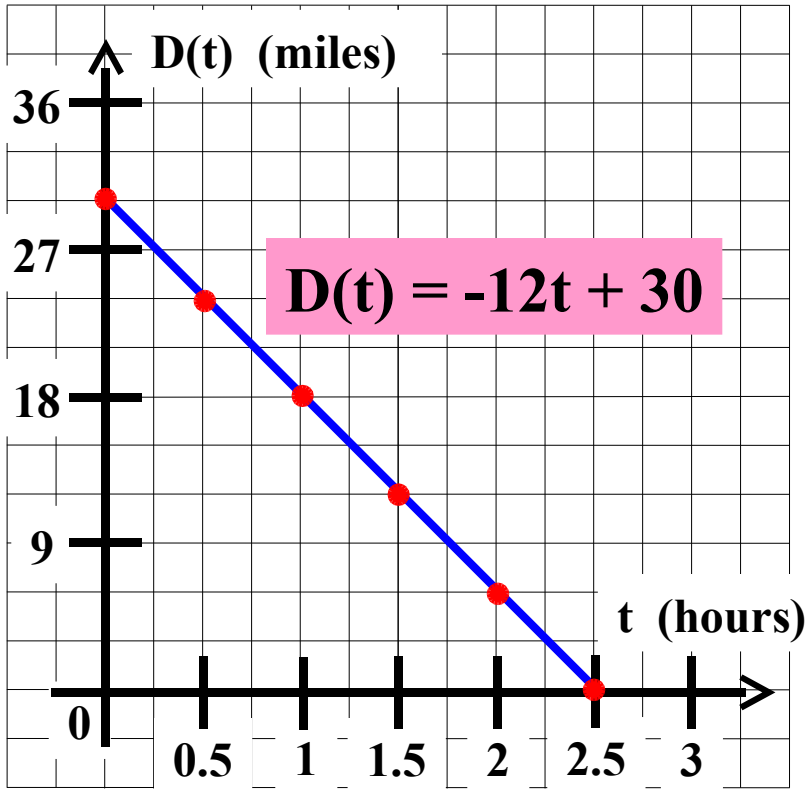
domain

[0, 2.5]

range

[0, 30]

9. Graph function D.



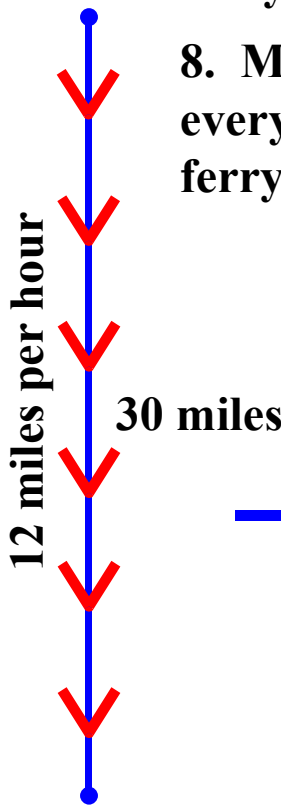
13. Evaluate D(1). What does D(1) represent in terms of the problem?

D(1) = 18

D(1) represents the distance the ferry is from Bird Island

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

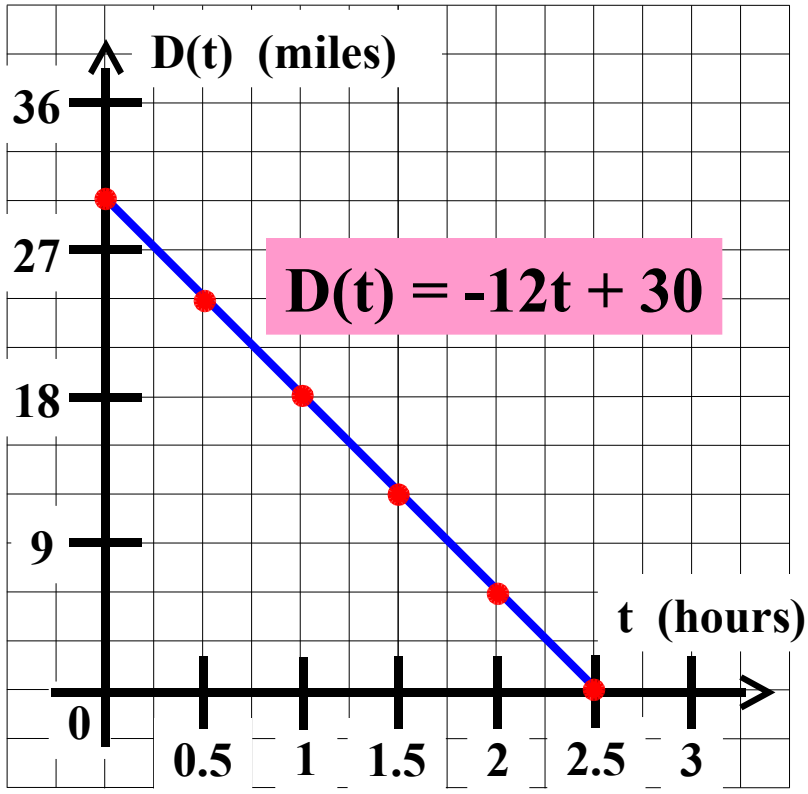
domain

[0, 2.5]

range

[0, 30]

9. Graph function D.



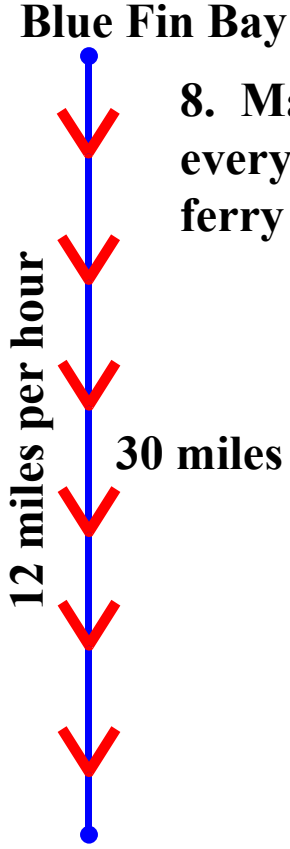
13. Evaluate D(1). What does D(1) represent in terms of the problem?

D(1) = 18

D(1) represents the distance the ferry is from Bird Island after 1 hour.

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

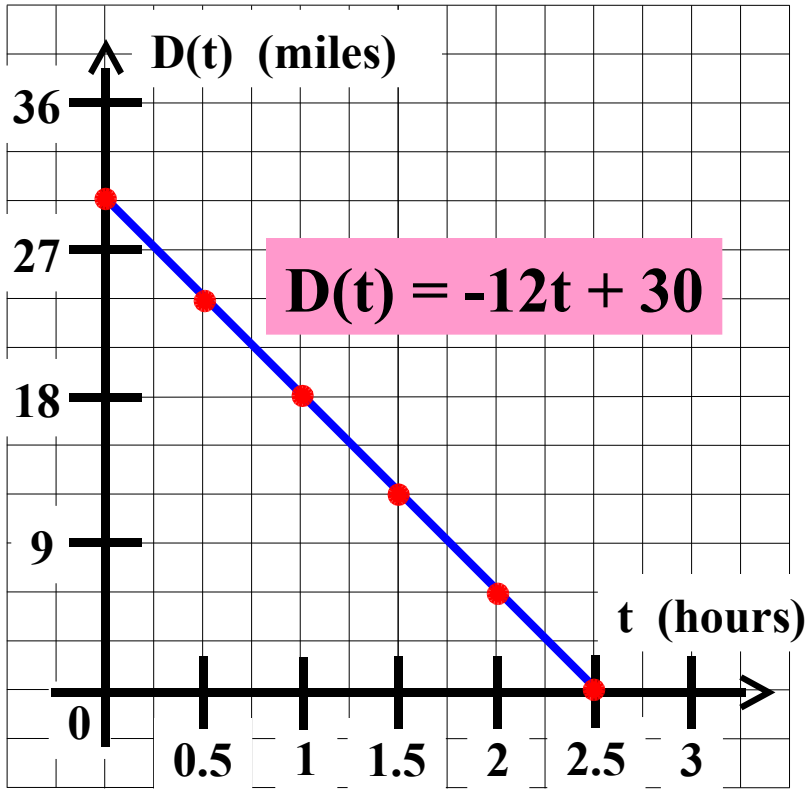
domain

[0, 2.5]

range

[0, 30]

9. Graph function D.



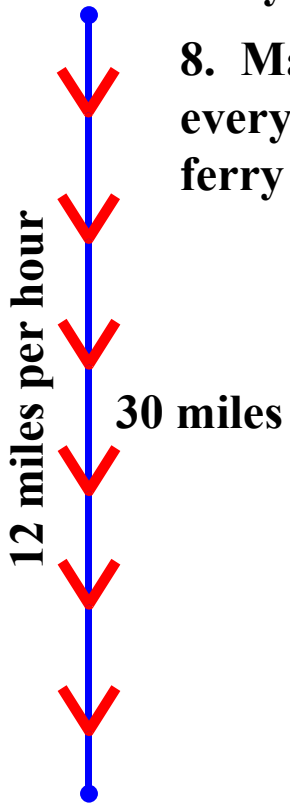
13. Evaluate D(1). What does D(1) represent in terms of the problem?

D(1) = 18 miles **D(1) represents the distance the ferry is from Bird Island after 1 hour.**

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay



Bird Island

8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

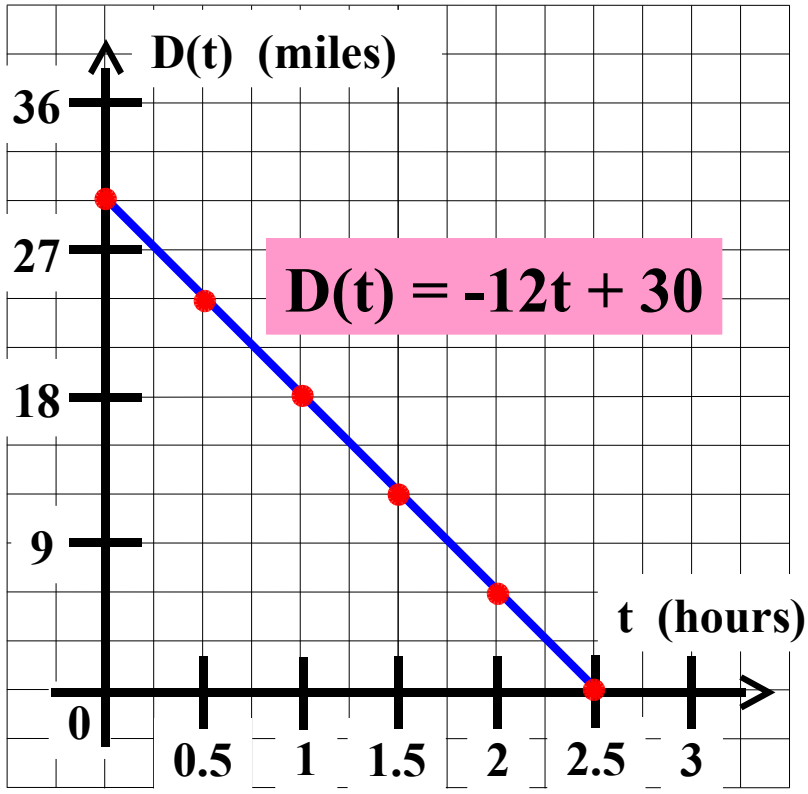
domain

[0, 2.5]

range

[0, 30]

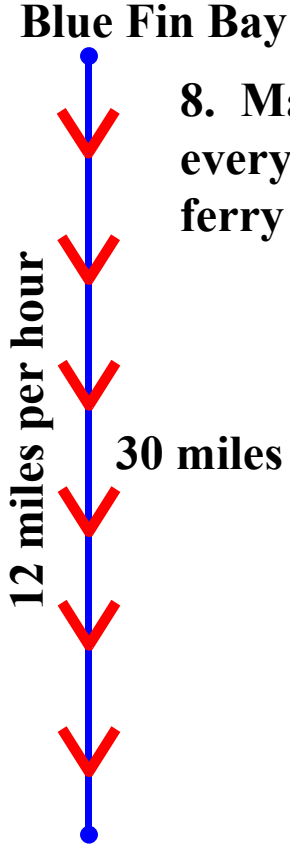
9. Graph function D.



14. If D(t) = 15, then find the value of t.

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

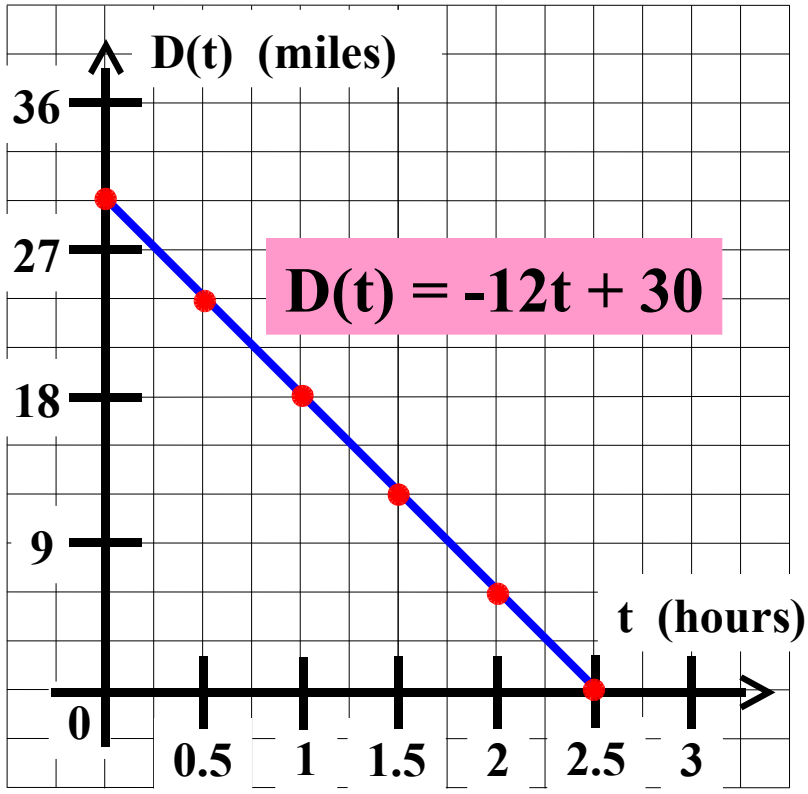
domain

[0, 2.5]

range

[0, 30]

9. Graph function D.

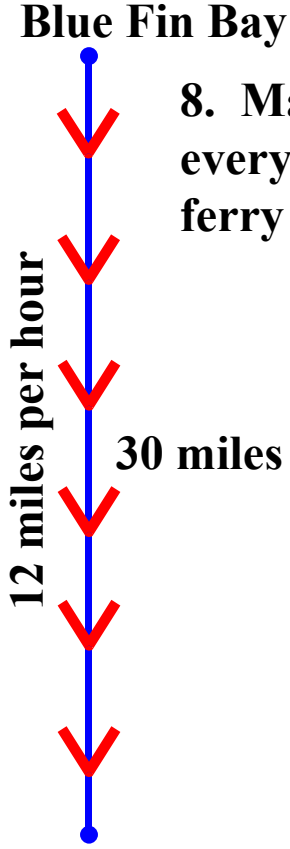


14. If D(t) = 15, then find the value of t.

-12t + 30

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

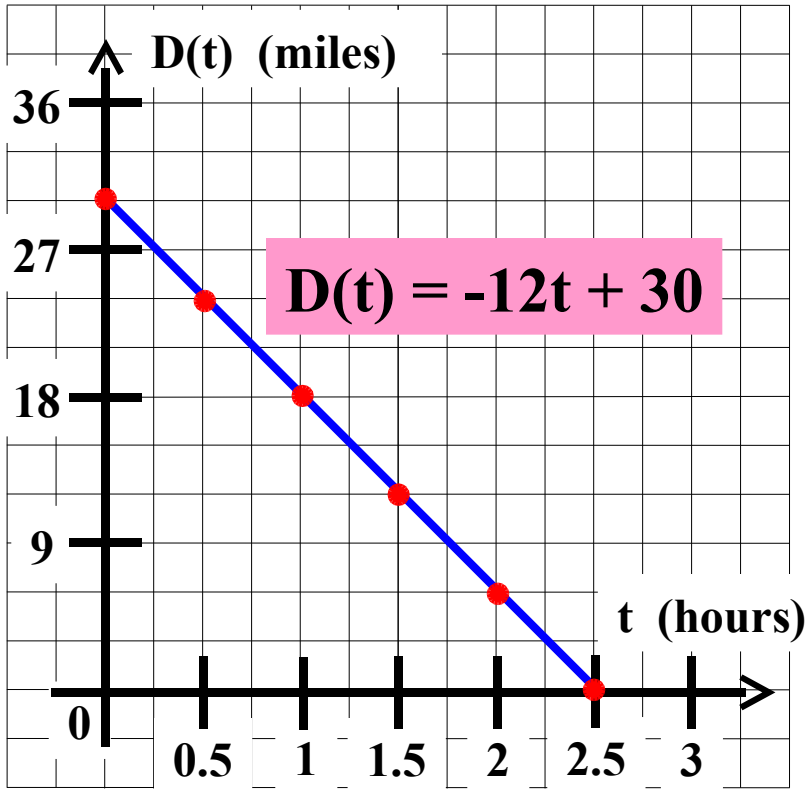
domain

[0, 2.5]

range

[0, 30]

9. Graph function D.



14. If D(t) = 15, then find the value of t.

$-12t + 30 = 15$

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay

12 miles per hour

30 miles

Bird Island

8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

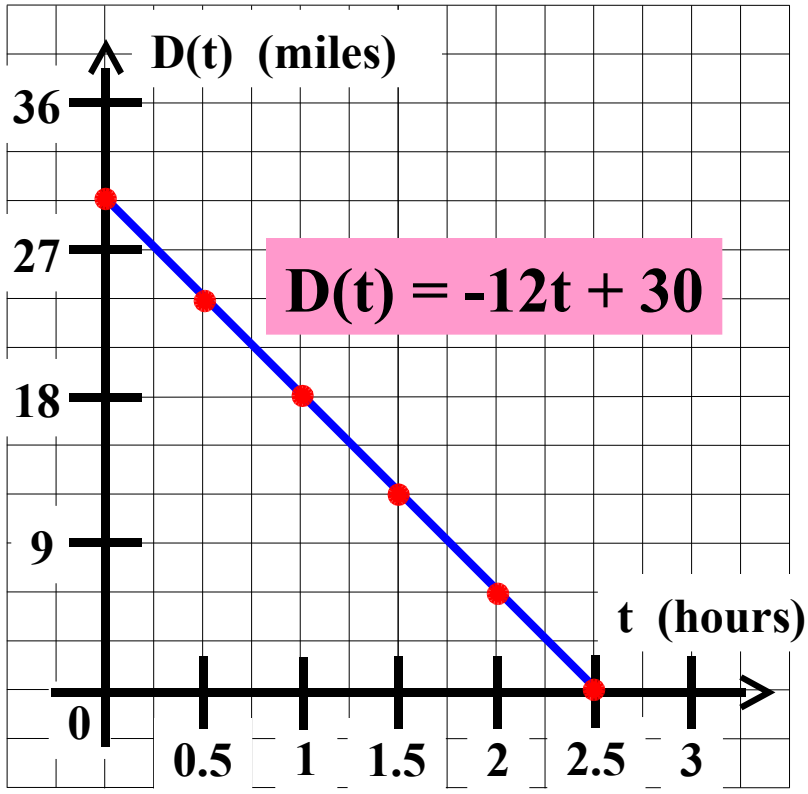
domain

[0, 2.5]

range

[0, 30]

9. Graph function D.

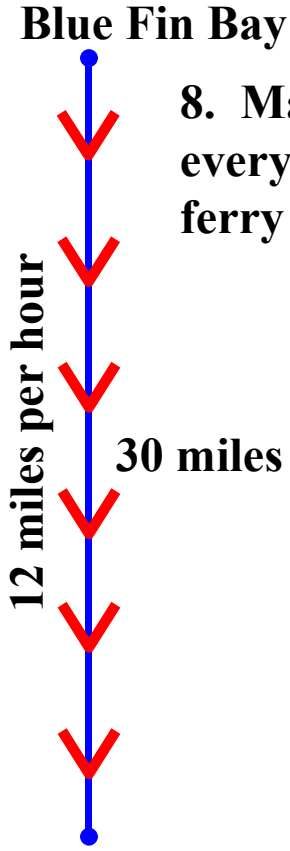


14. If D(t) = 15, then find the value of t.

$-12t + 30 = 15 \rightarrow -12t =$

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

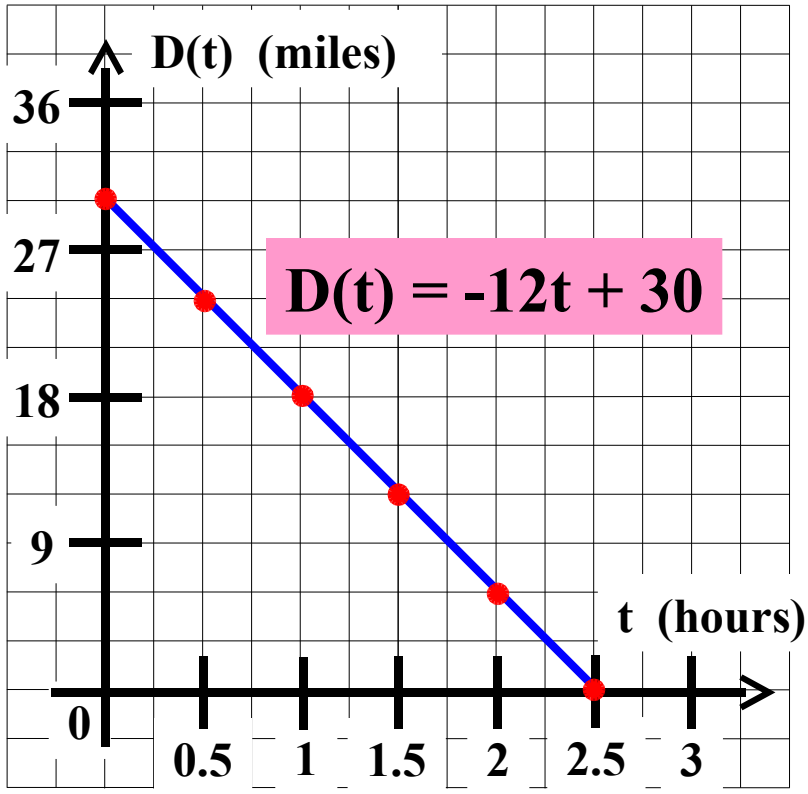
domain

[0, 2.5]

range

[0, 30]

9. Graph function D.



14. If D(t) = 15, then find the value of t.

$-12t + 30 = 15 \rightarrow -12t = -15$

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay

12 miles per hour

30 miles

Bird Island

8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

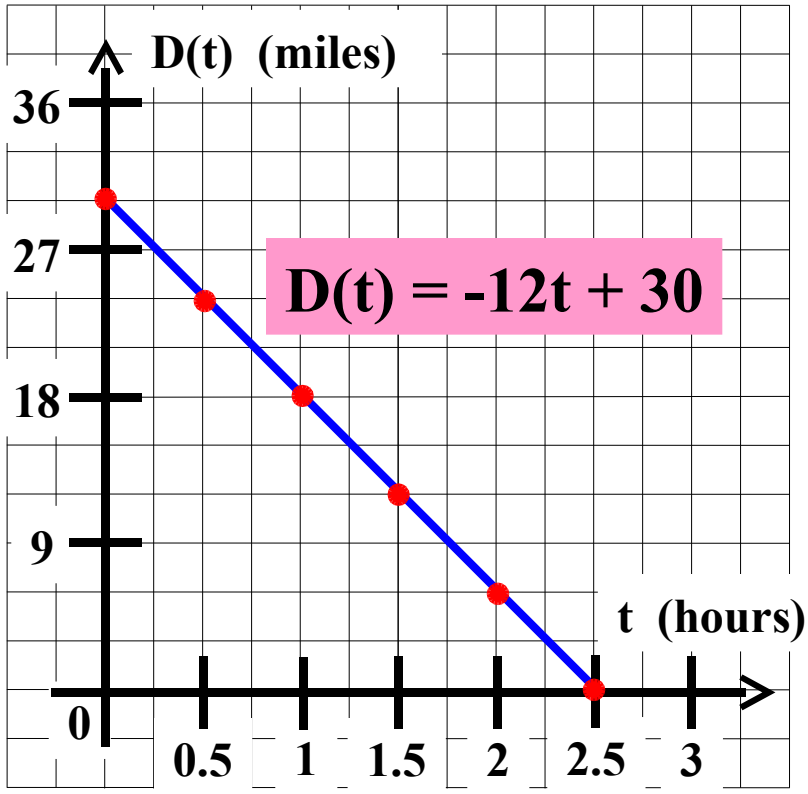
domain

[0, 2.5]

range

[0, 30]

9. Graph function D.

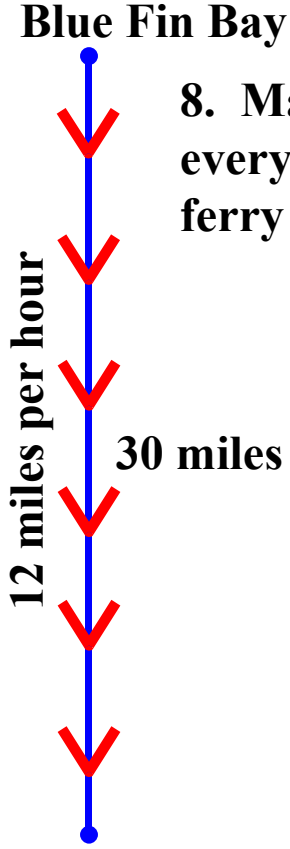


14. If D(t) = 15, then find the value of t.

$-12t + 30 = 15 \rightarrow -12t = -15 \rightarrow$

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

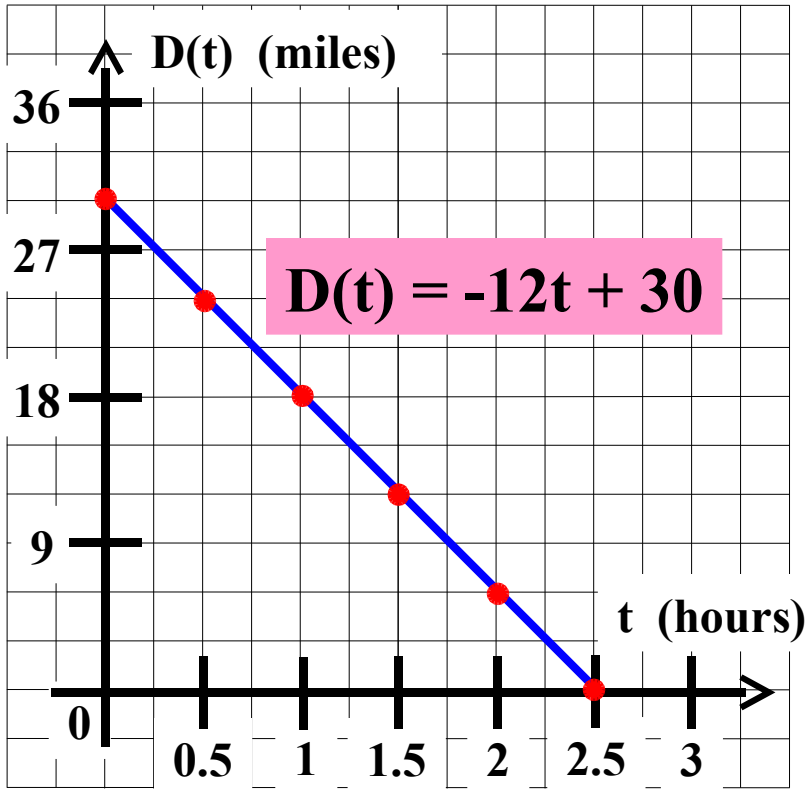
domain

[0, 2.5]

range

[0, 30]

9. Graph function D.

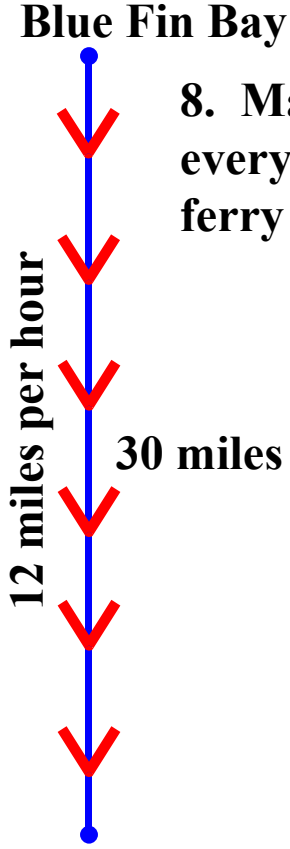


14. If D(t) = 15, then find the value of t.

$-12t + 30 = 15 \rightarrow -12t = -15 \rightarrow t =$

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.



8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

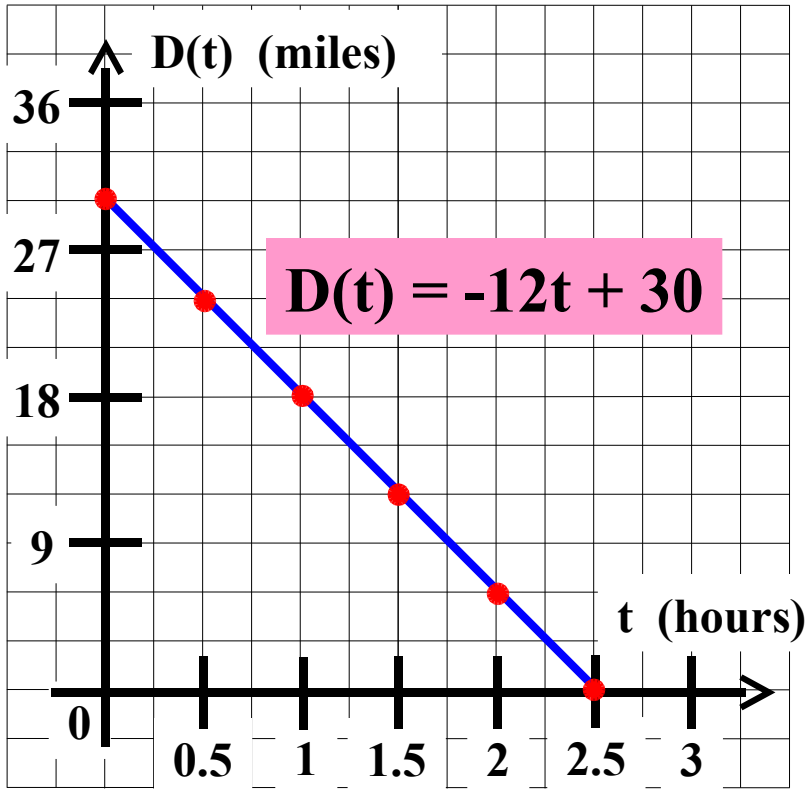
domain

[0, 2.5]

range

[0, 30]

9. Graph function D.



14. If D(t) = 15, then find the value of t.

$-12t + 30 = 15 \rightarrow -12t = -15 \rightarrow t = 1.25$

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay

12 miles per hour

30 miles

Bird Island

8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

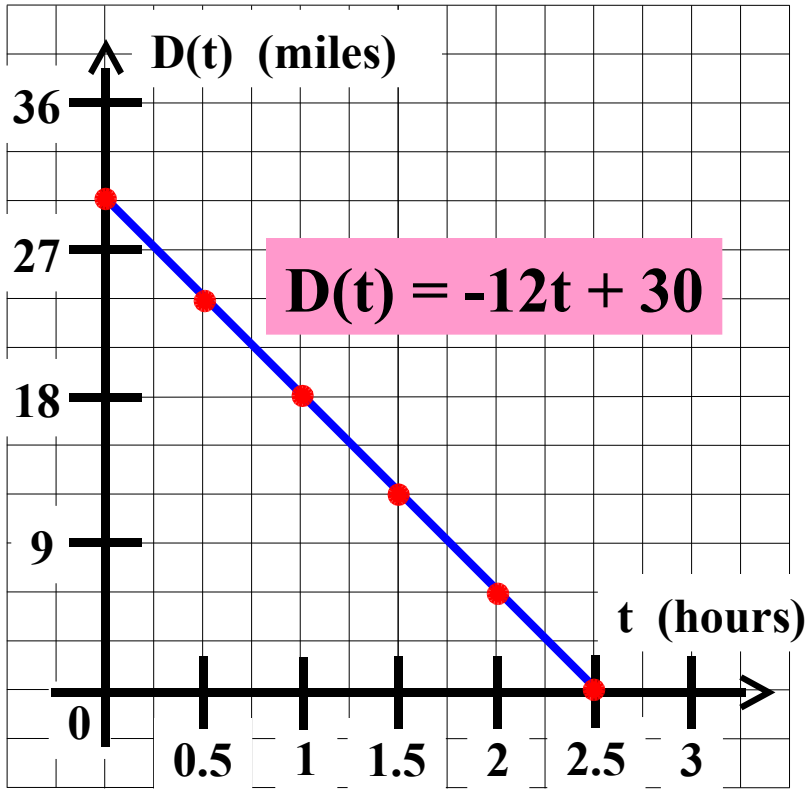
domain

[0, 2.5]

range

[0, 30]

9. Graph function D.



14. If D(t) = 15, then find the value of t.

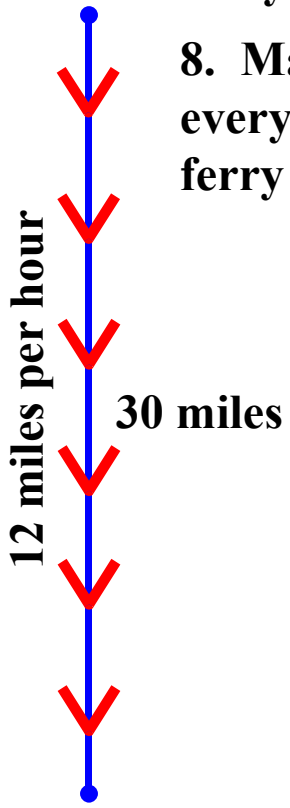
$-12t + 30 = 15 \rightarrow -12t = -15 \rightarrow t = 1.25$

t = 1.25

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay



Bird Island

8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

domain

[0, 2.5]

range

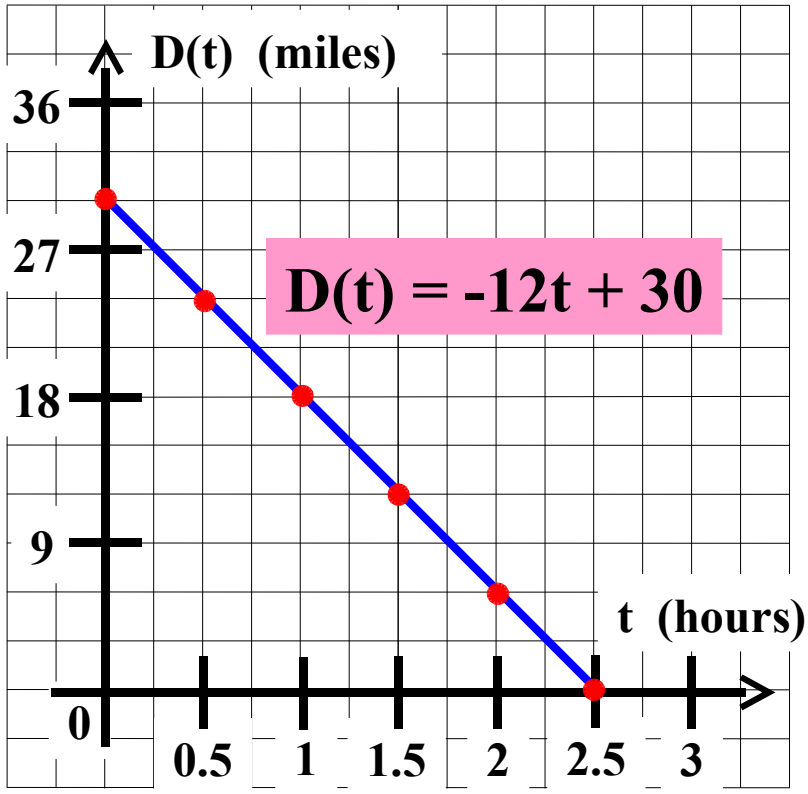
[0, 30]

-12t + 30 = 15

-12t = -15

t = 1.25 hours

9. Graph function D.



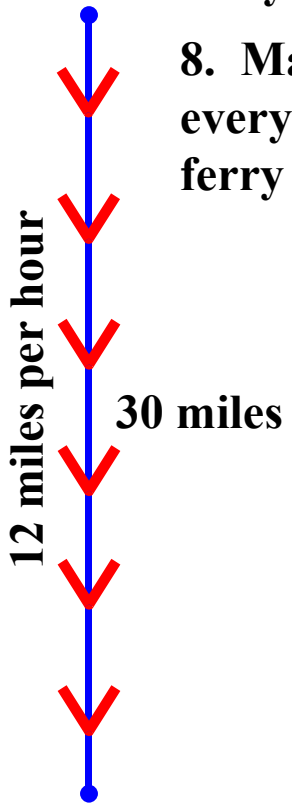
14. If D(t) = 15, then find the value of t.

t = 1.25

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay



Bird Island

8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

domain

[0, 2.5]

range

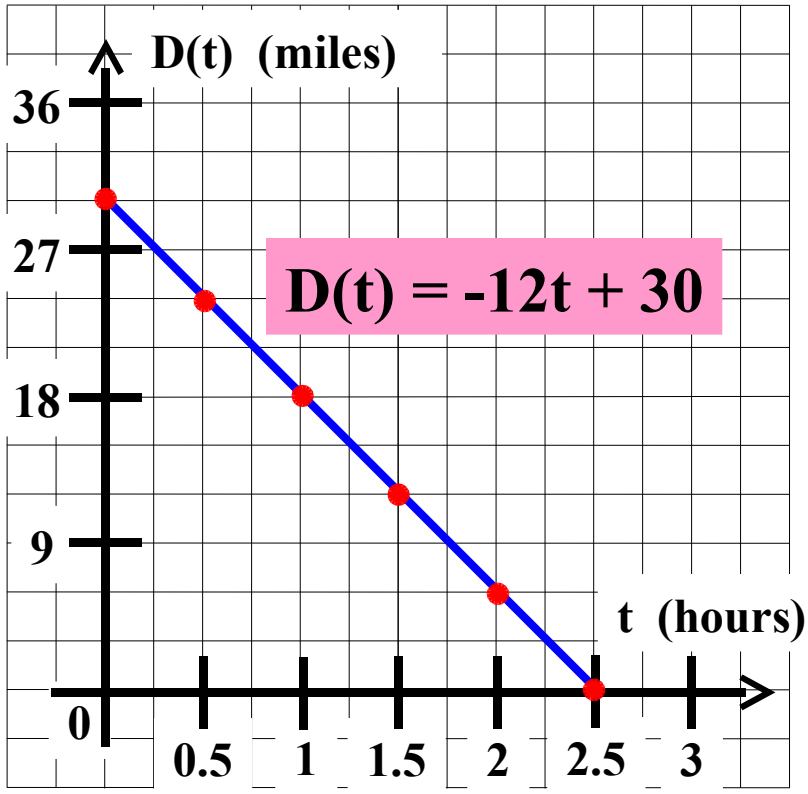
[0, 30]

-12t + 30 = 15

-12t = -15

t = 1.25 hours

9. Graph function D.



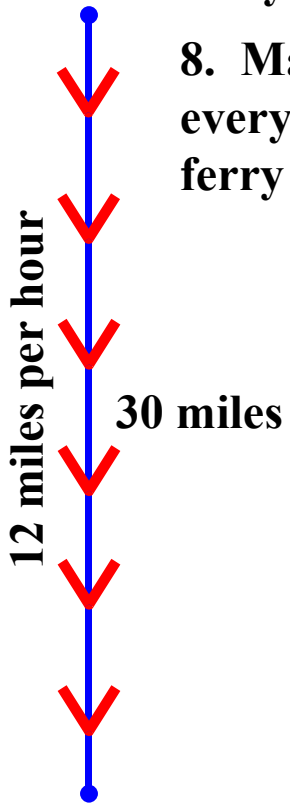
14. If D(t) = 15, then find the value of t. Describe what this value of t represents in terms of the problem.

t = 1.25

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay



Bird Island

8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

domain

[0, 2.5]

range

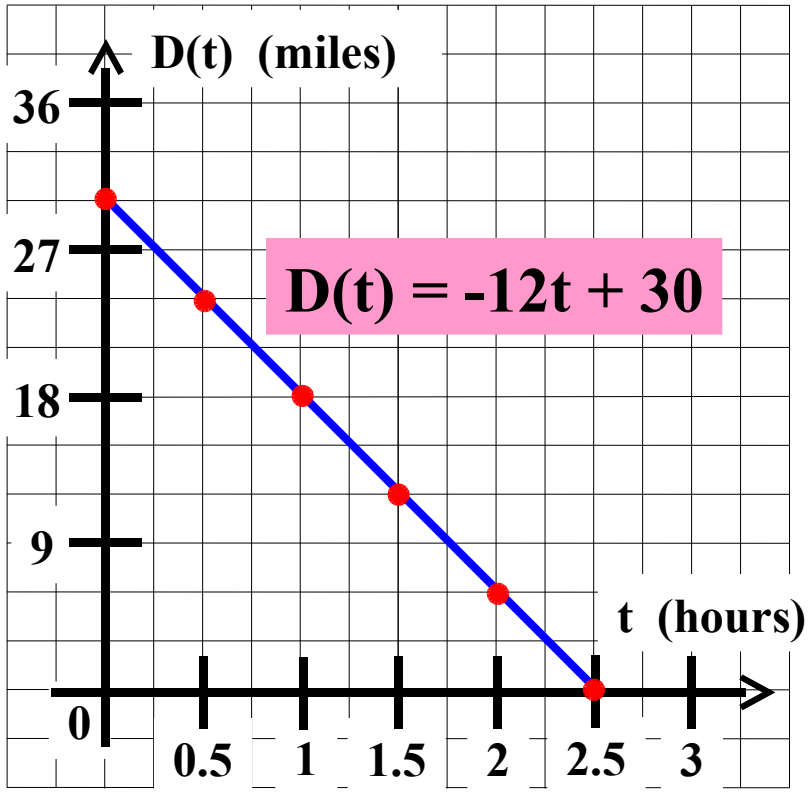
[0, 30]

-12t + 30 = 15

-12t = -15

t = 1.25 hours

9. Graph function D.



14. If D(t) = 15, then find the value of t. Describe what this value of t represents in terms of the problem.

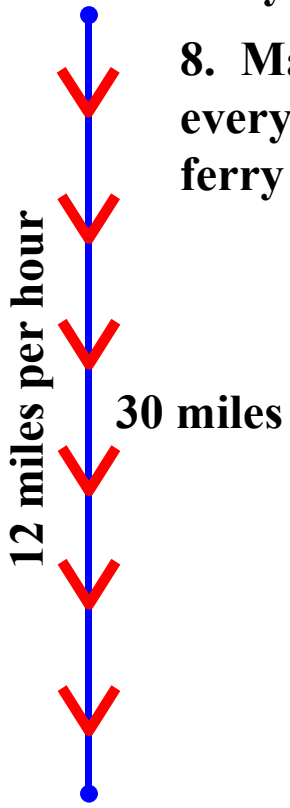
t = 1.25

This represents the time it takes the ferry

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay



Bird Island

8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

domain

[0, 2.5]

range

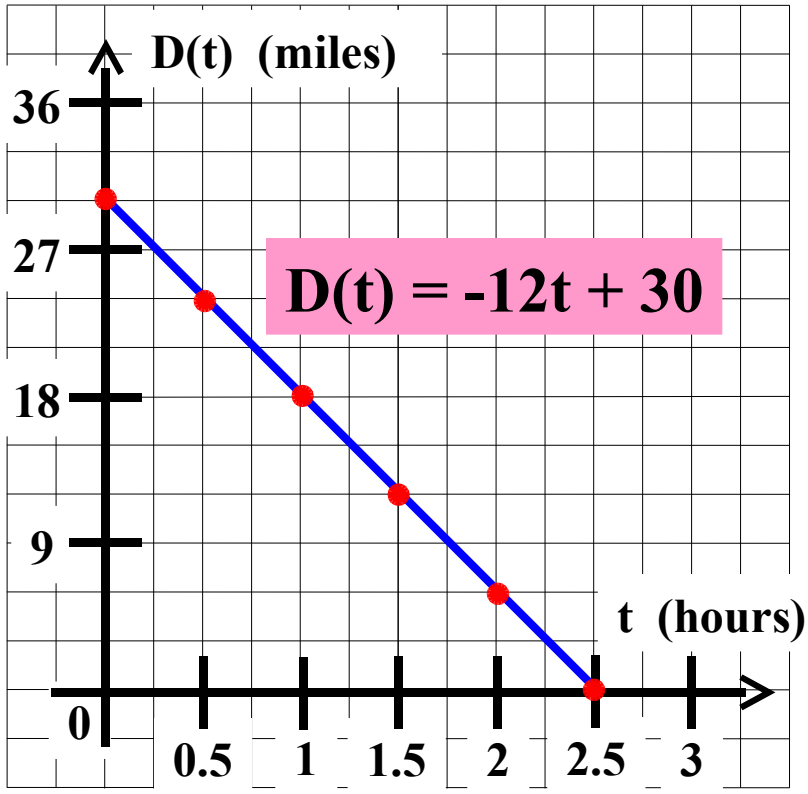
[0, 30]

-12t + 30 = 15

-12t = -15

t = 1.25 hours

9. Graph function D.



14. If D(t) = 15, then find the value of t. Describe what this value of t represents in terms of the problem.

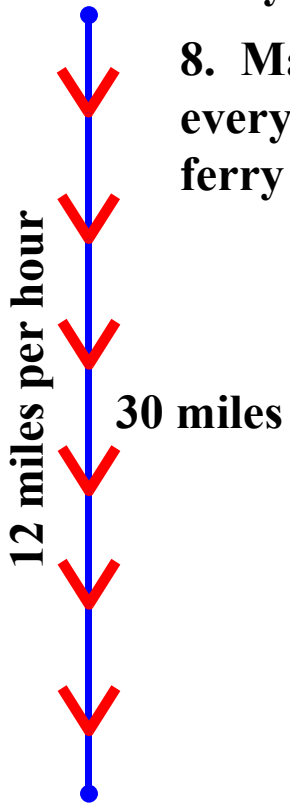
t = 1.25

This represents the time it takes the ferry to be 15 miles from Bird Island.

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay



Bird Island

8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0	30
0.5	24
1	18
1.5	12
2	6
2.5	0

domain

[0, 2.5]

range

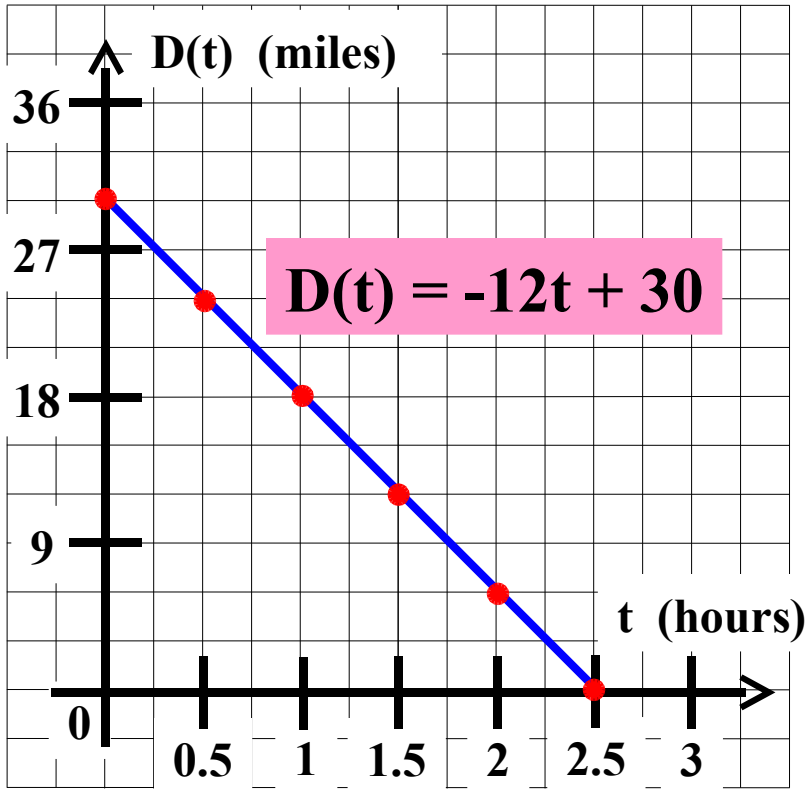
[0, 30]

-12t + 30 = 15

-12t = -15

t = 1.25 hours

9. Graph function D.



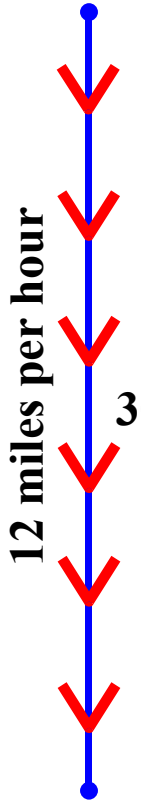
14. If D(t) = 15, then find the value of t. Describe what this value of t represents in terms of the problem.

t = 1.25 hrs. **This represents the time it takes the ferry to be 15 miles from Bird Island.**

Algebra II Class Worksheet #4 Unit 3

Bird Island is 30 miles due south of Blue Fin Bay. A Ferry sails from Blue Fin Bay to Bird Island at a constant speed of 12 miles per hour. Let t represent the time in hours that the Ferry has been sailing. Let D(t) represent the distance in miles that the Ferry is from Bird Island.

Blue Fin Bay



Bird Island

8. Make a table giving t and D(t) every half-hour from t = 0 until the ferry reaches Bird Island.

t	D(t)
0.5	24
1	18
1.5	12
2	6
2.5	0

range

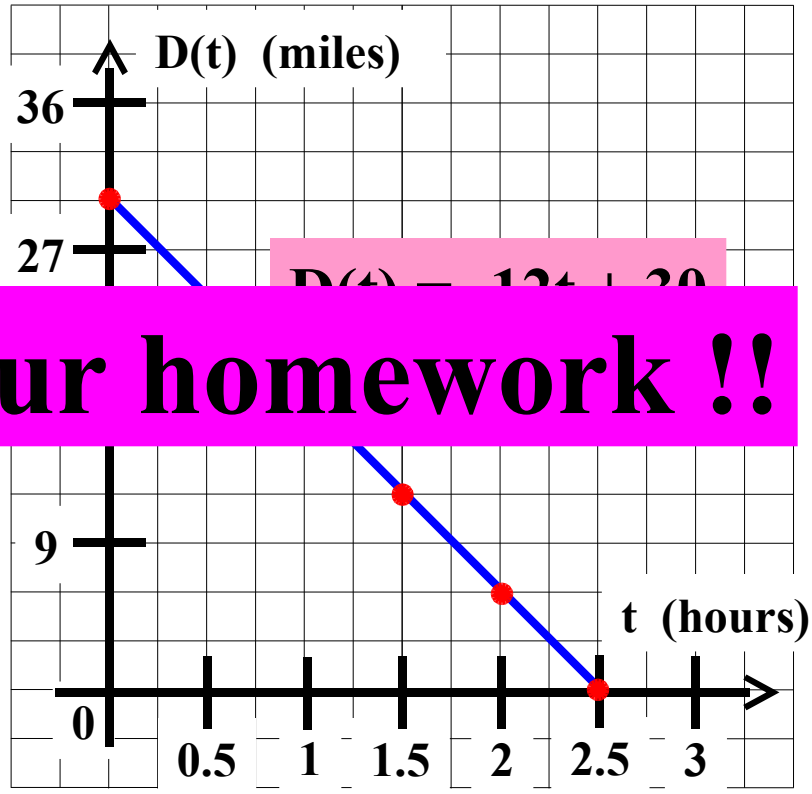
[0, 30]

-12t + 30 = 15

-12t = -15

t = 1.25 hours

9. Graph function D.



Good luck on your homework !!

14. If D(t) = 15, then find the value of t. Describe what this value of t represents in terms of the problem.

t = 1.25 hrs.

This represents the time it takes the ferry to be 15 miles from Bird Island.