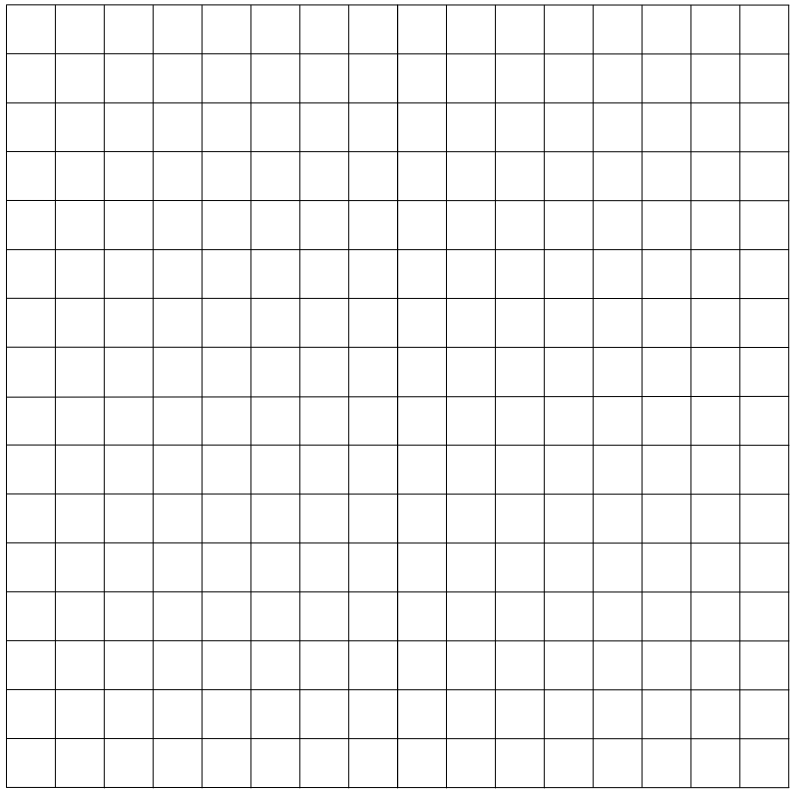
Algebra I Lesson #3 Unit 8
Class Worksheet #3
For Worksheets #5&6

Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

2. Graph function d.

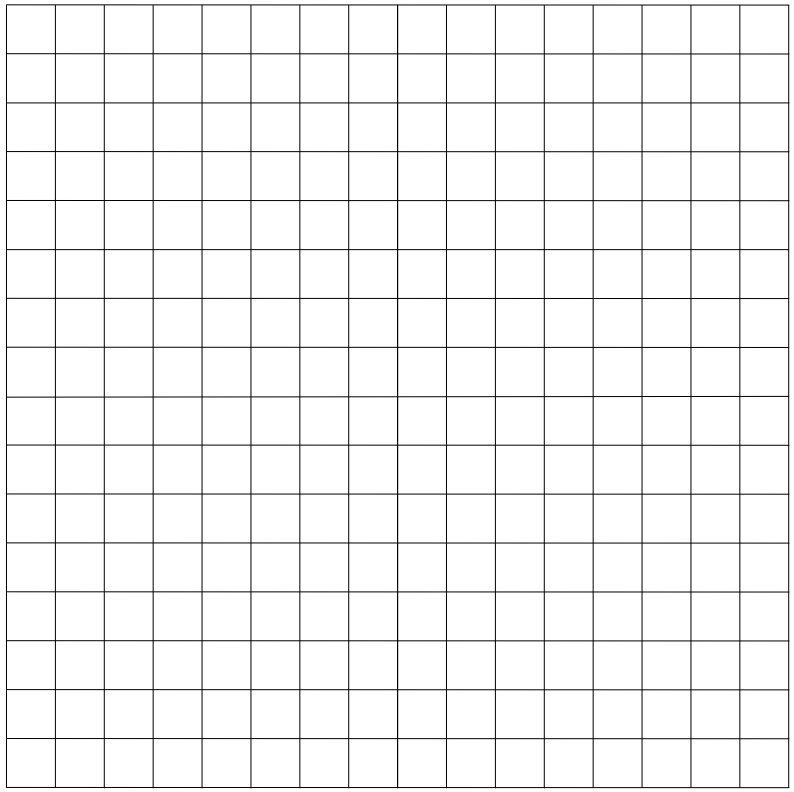


Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

2. Graph function d.



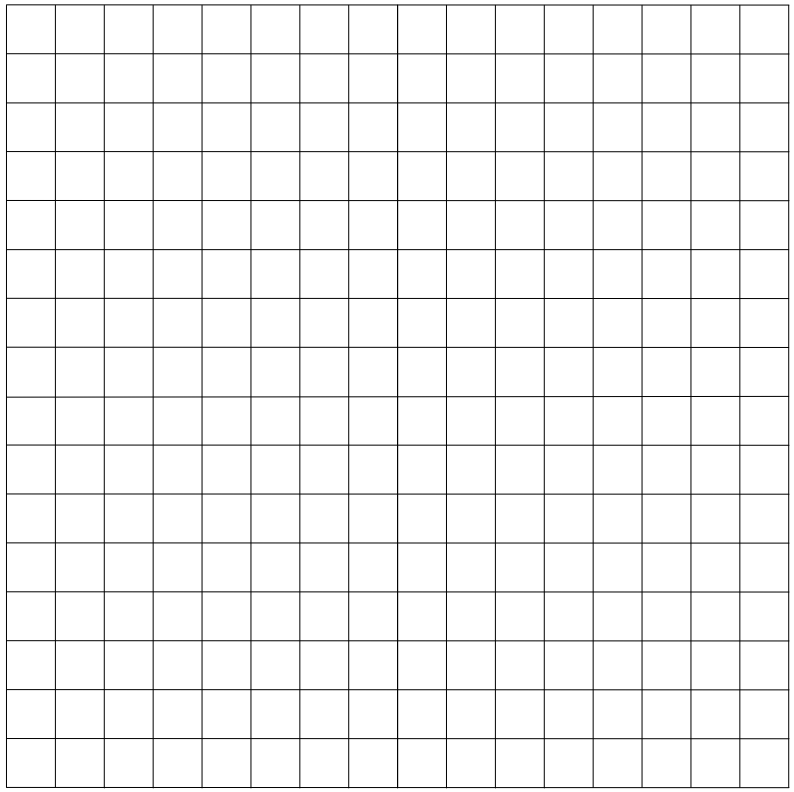
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)

2. Graph function d.



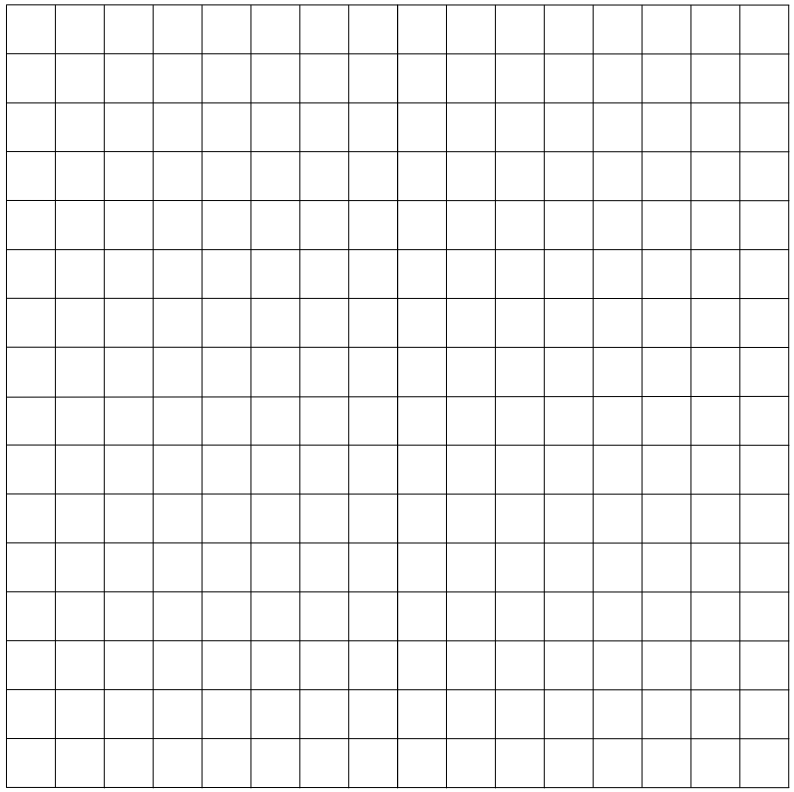
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	

2. Graph function d.



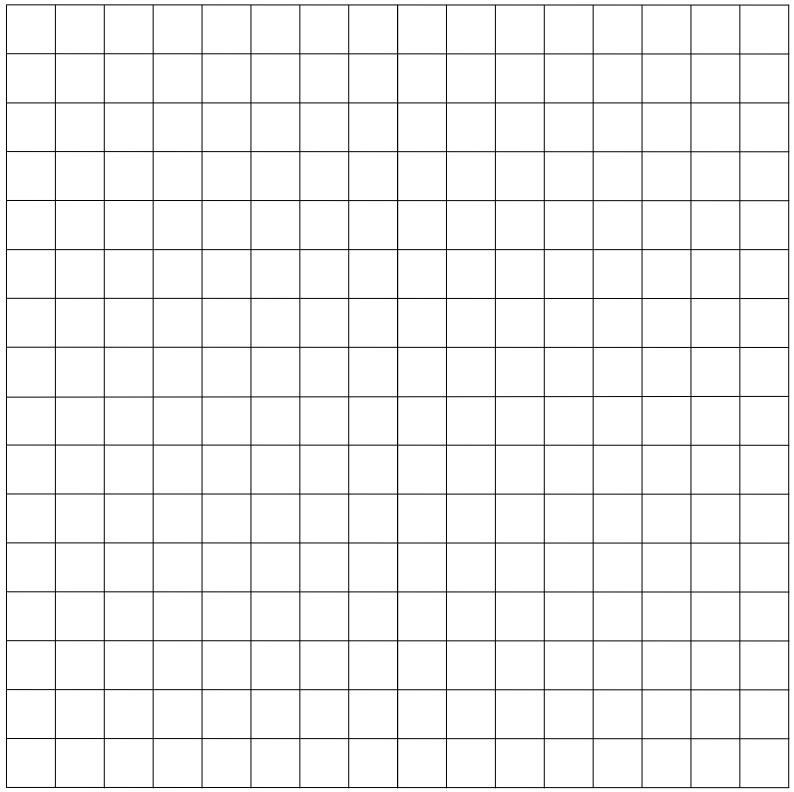
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0

2. Graph function d.



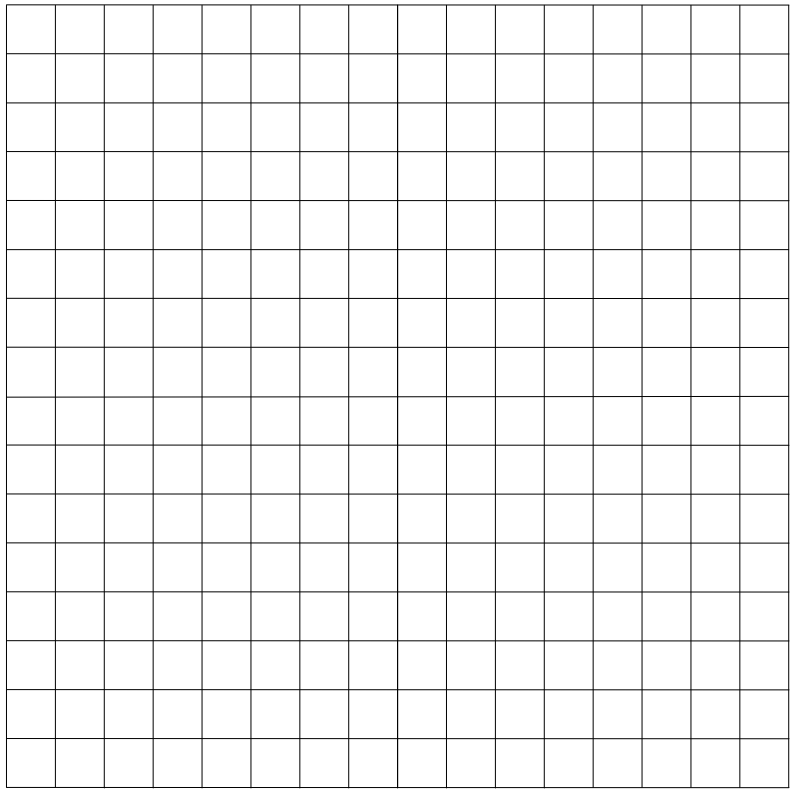
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	

2. Graph function d.



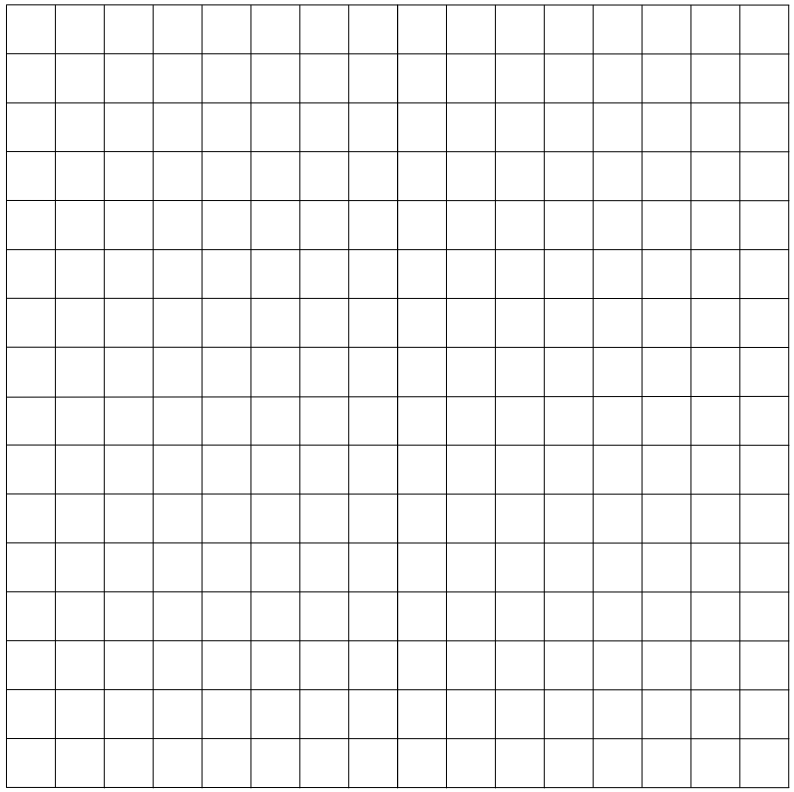
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60

2. Graph function d.



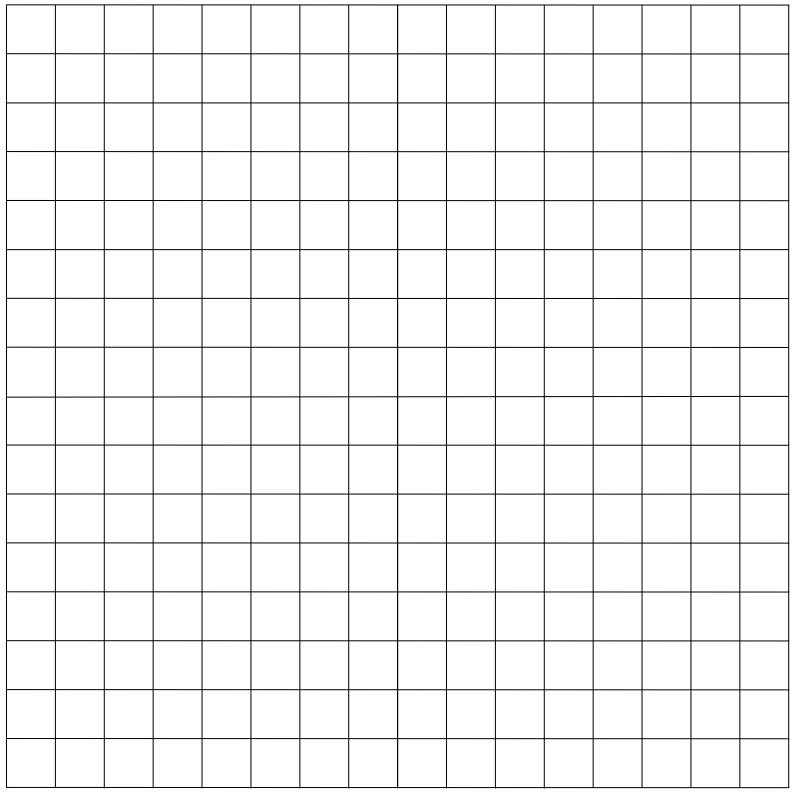
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	

2. Graph function d.



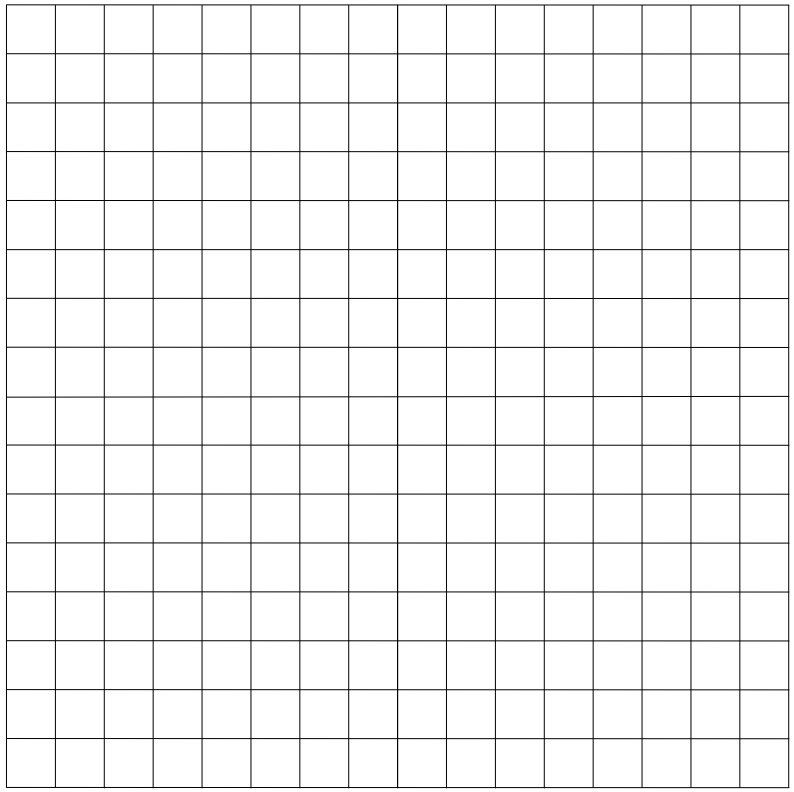
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120

2. Graph function d.



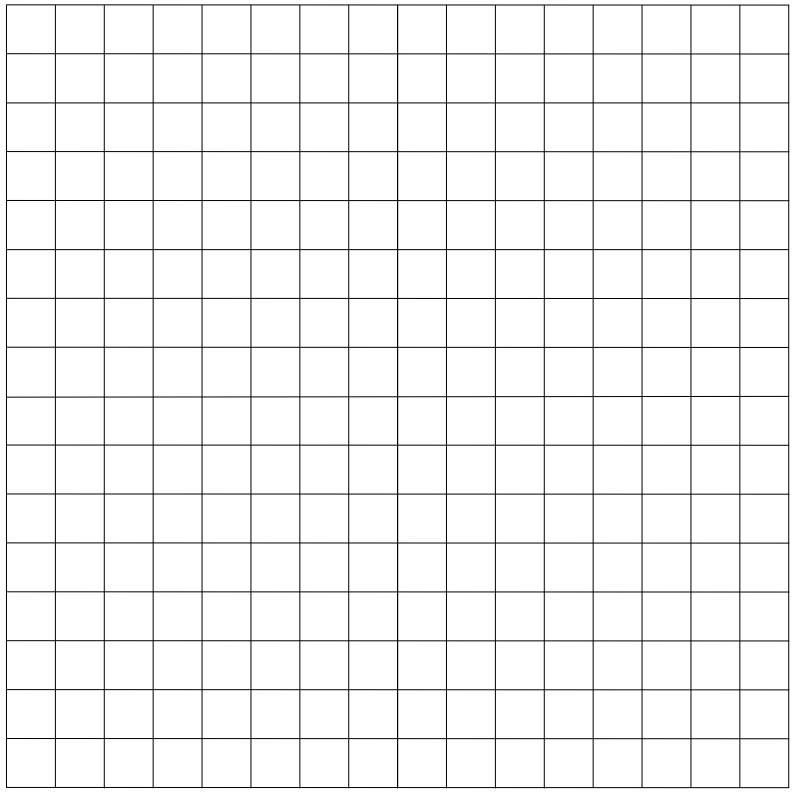
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	

2. Graph function d.



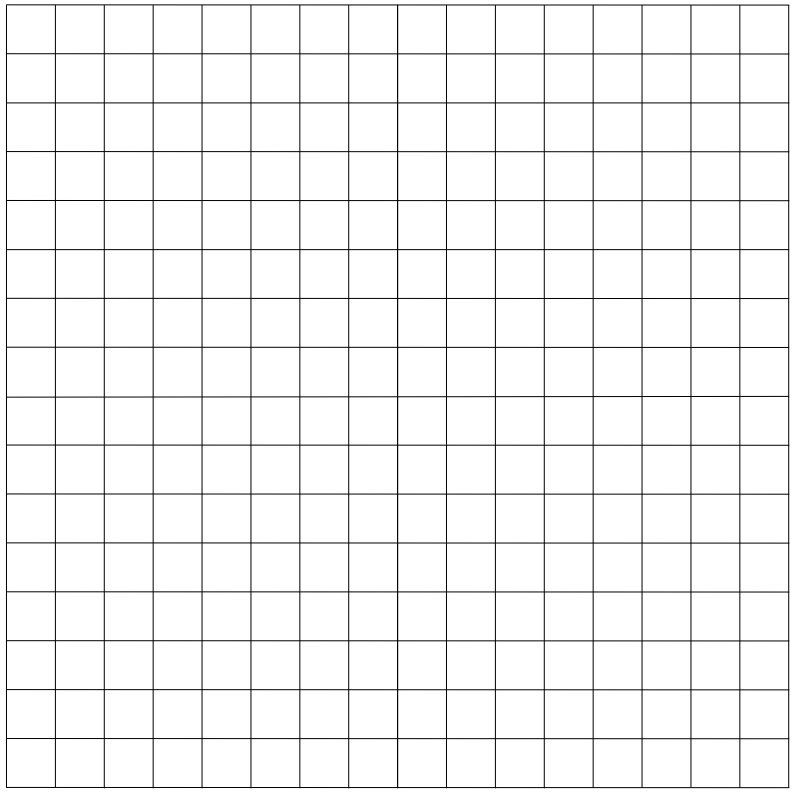
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180

2. Graph function d.



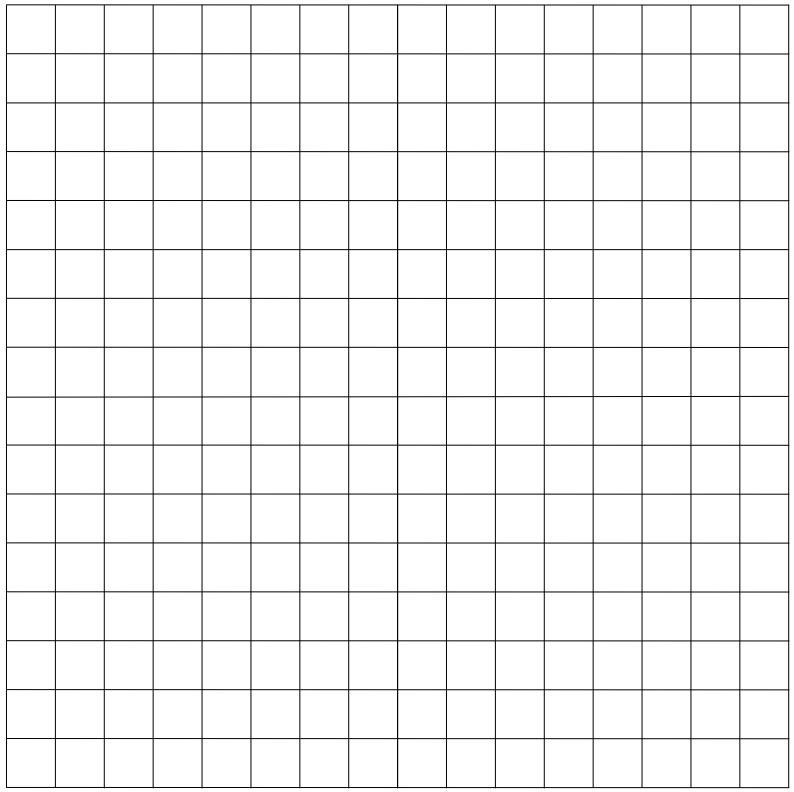
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	

2. Graph function d.



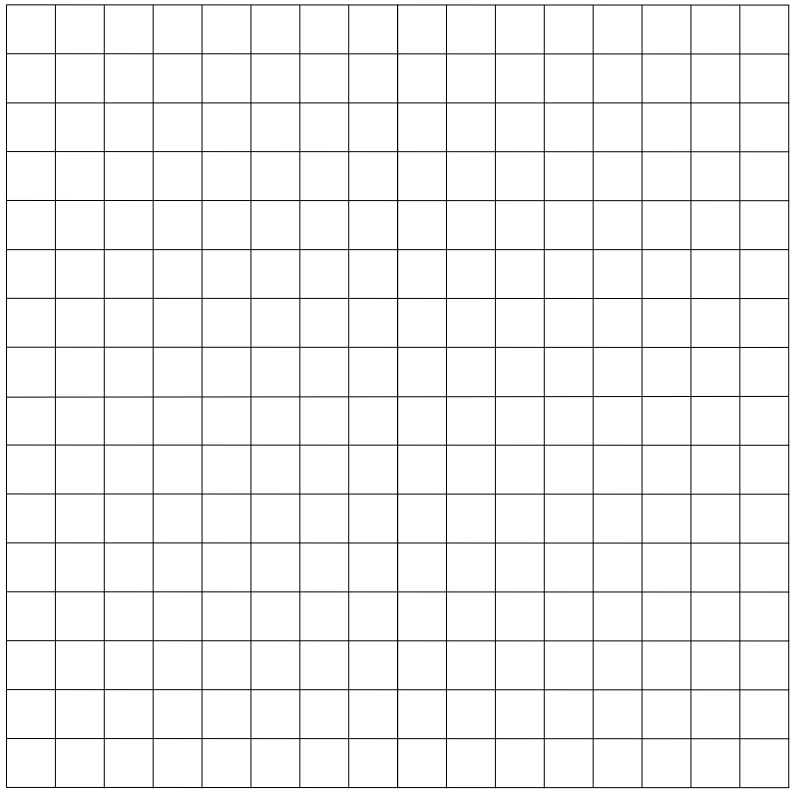
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240

2. Graph function d.



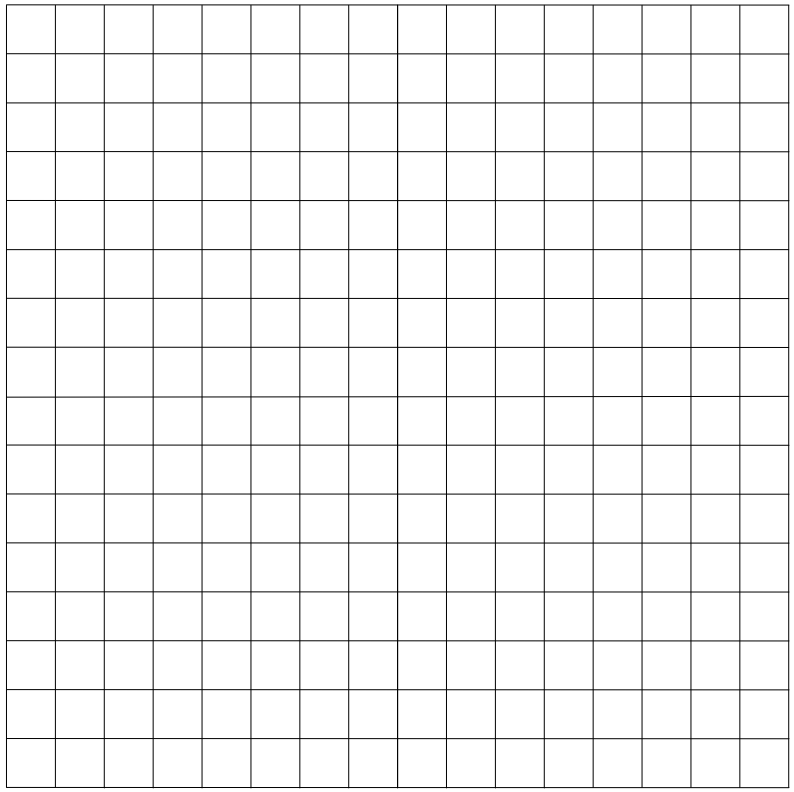
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	

2. Graph function d.



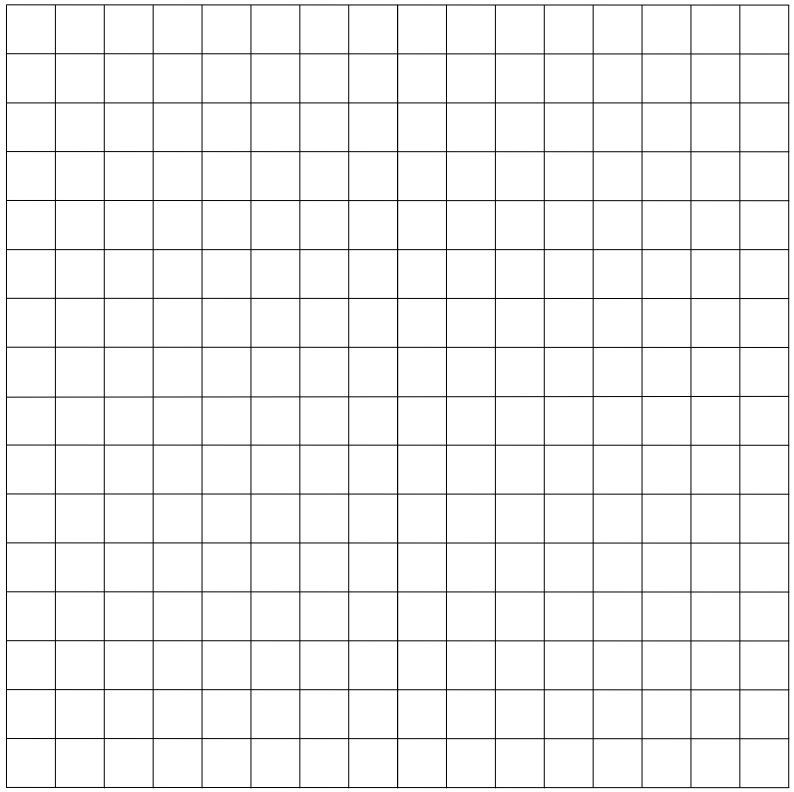
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300

2. Graph function d.



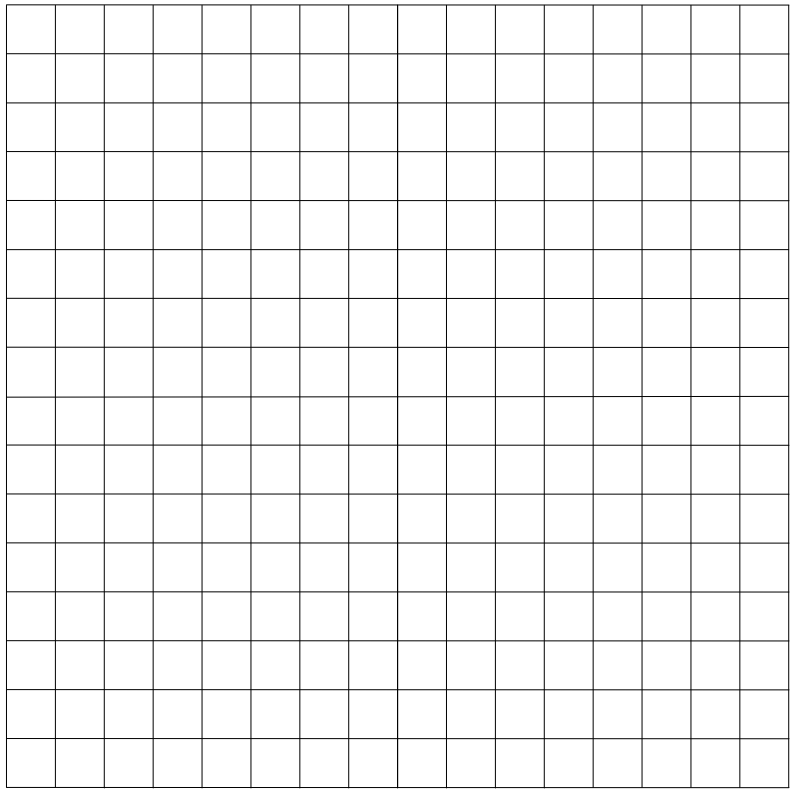
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	

2. Graph function d.



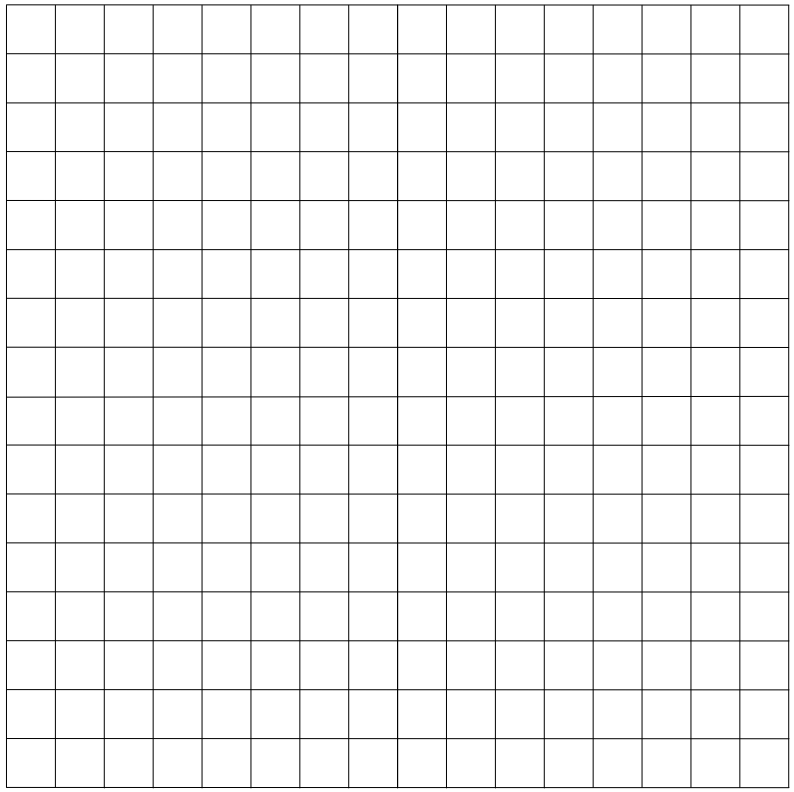
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

2. Graph function d.



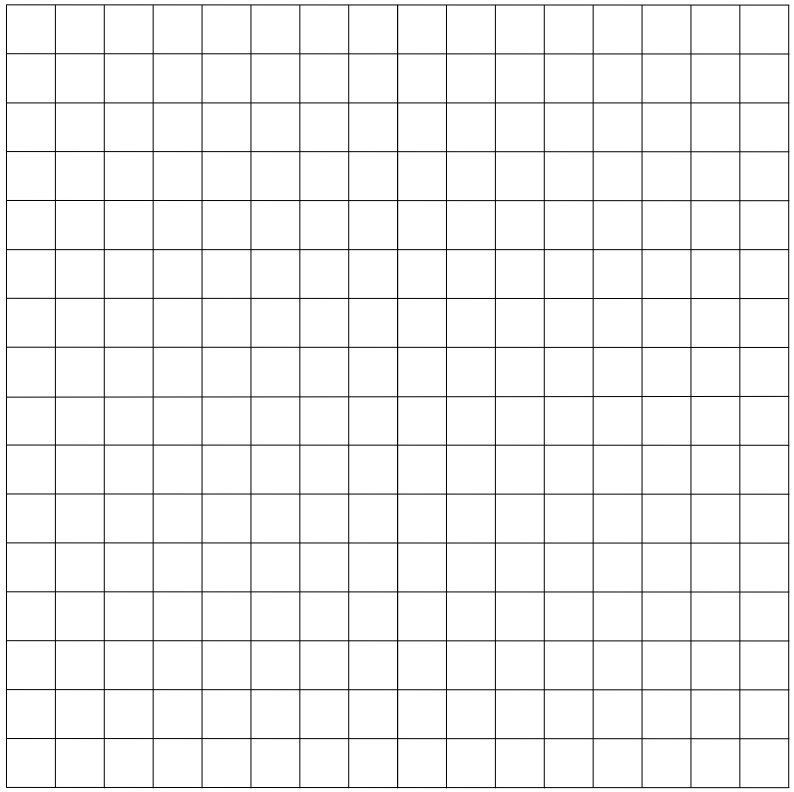
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

2. Graph function d.



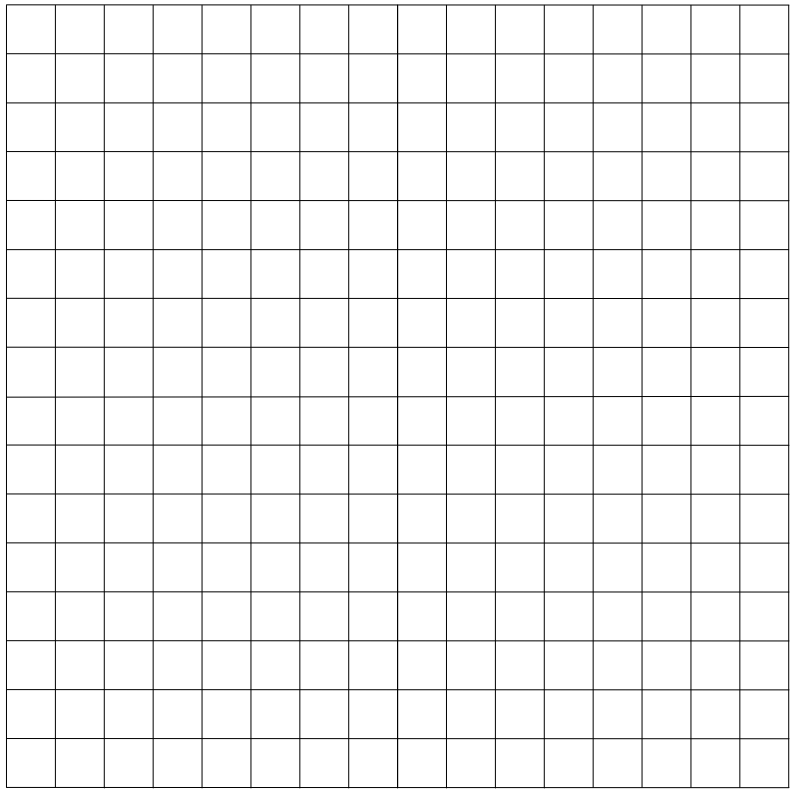
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

2. Graph function d.



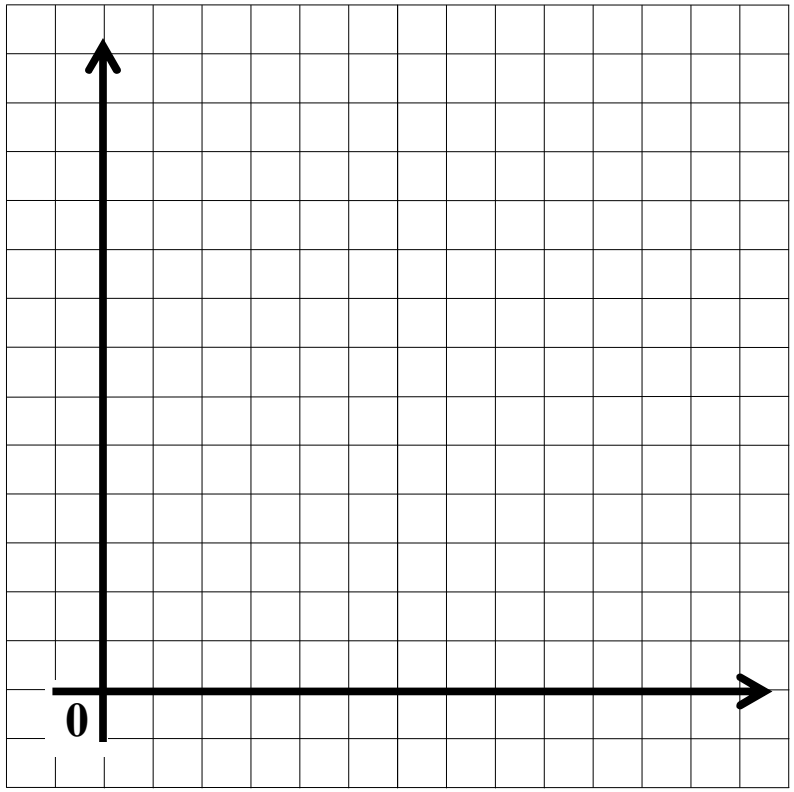
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

2. Graph function d.



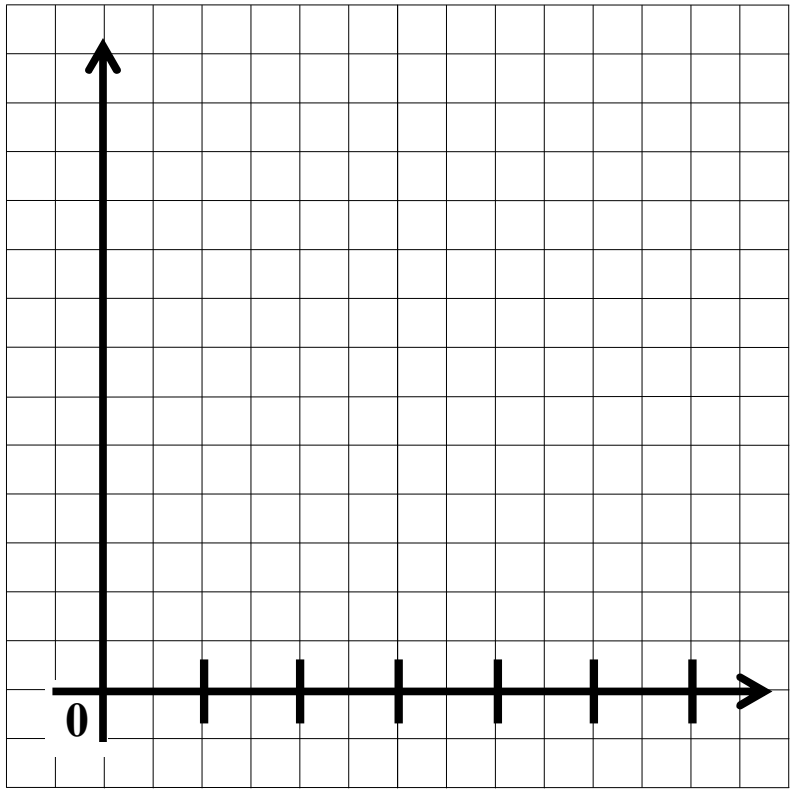
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

2. Graph function d.



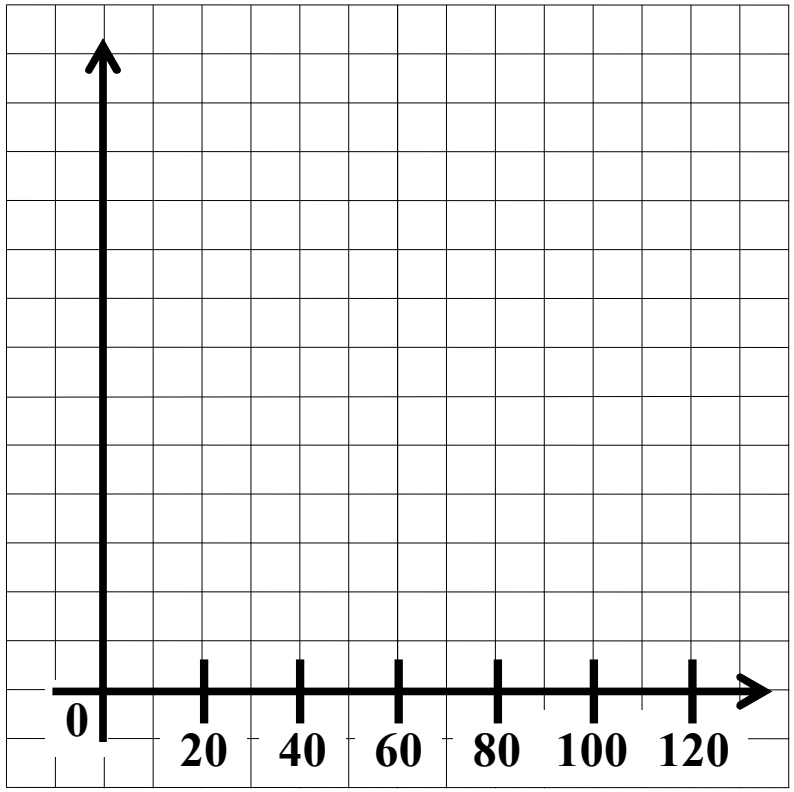
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

2. Graph function d.



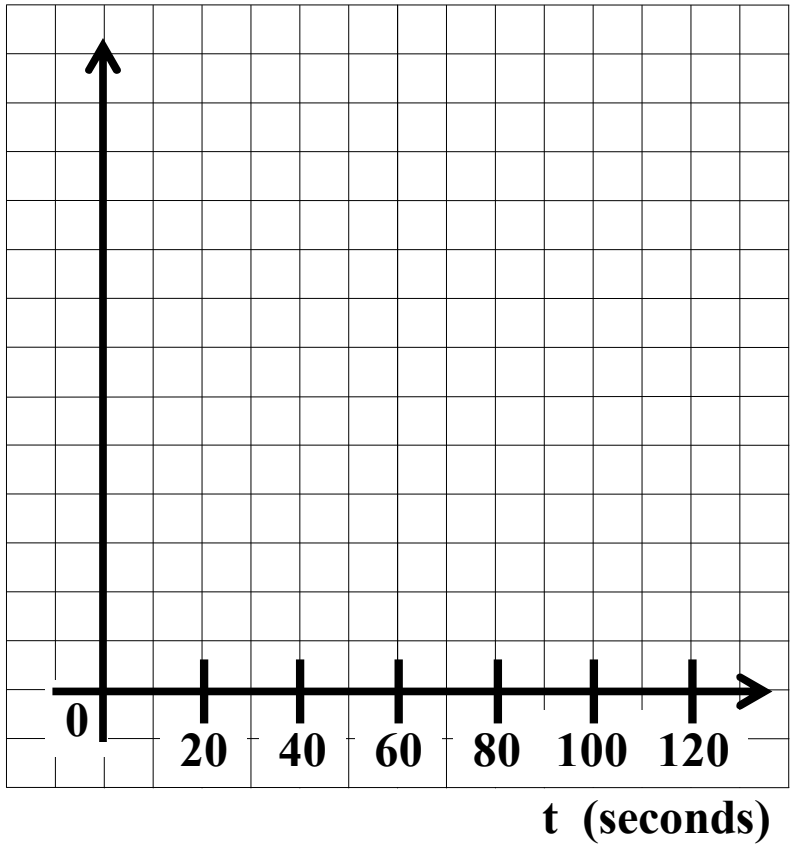
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

2. Graph function d.



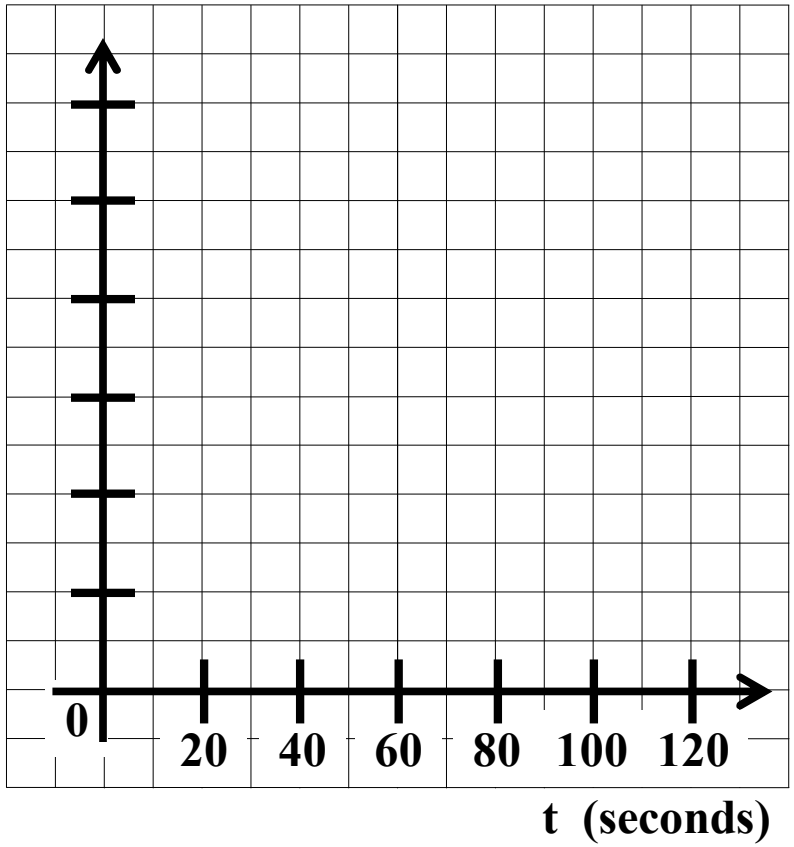
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

2. Graph function d.



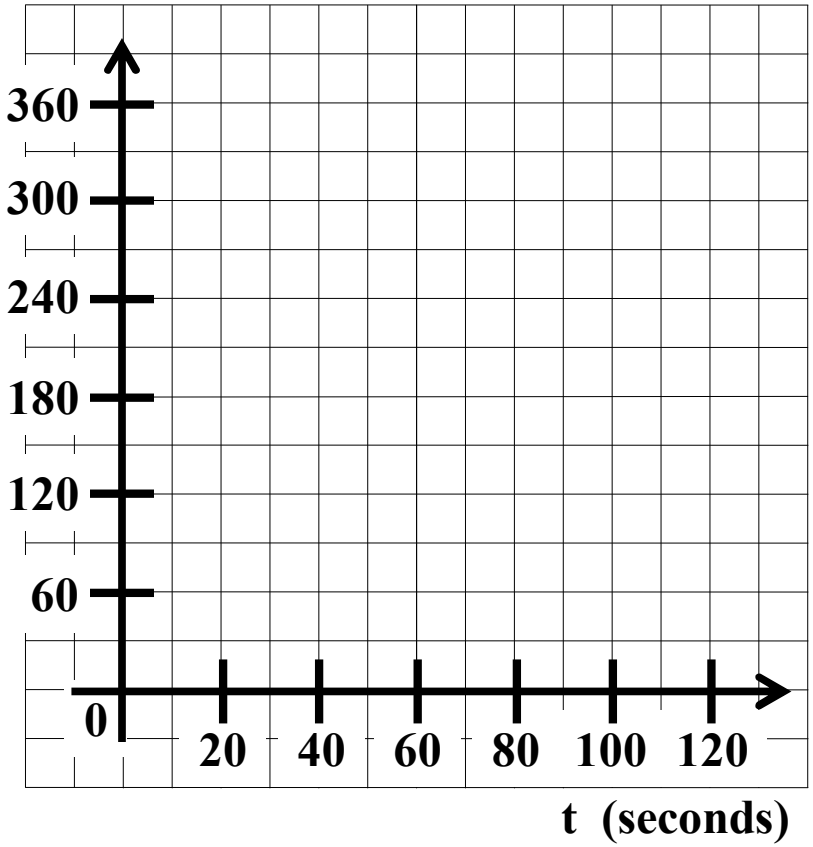
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

2. Graph function d.



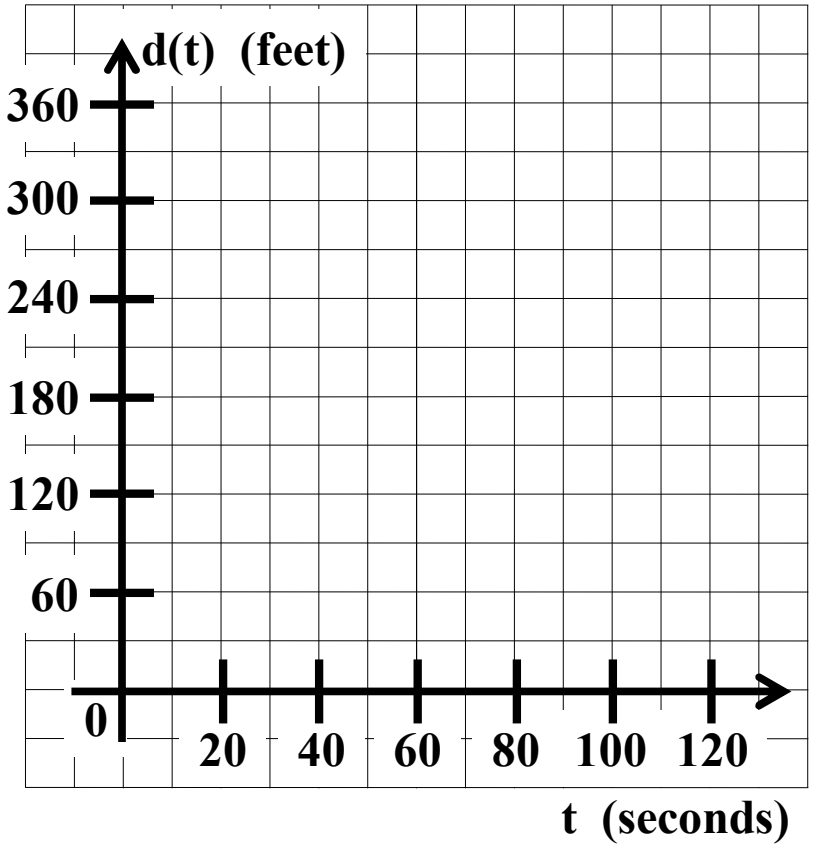
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

2. Graph function d.



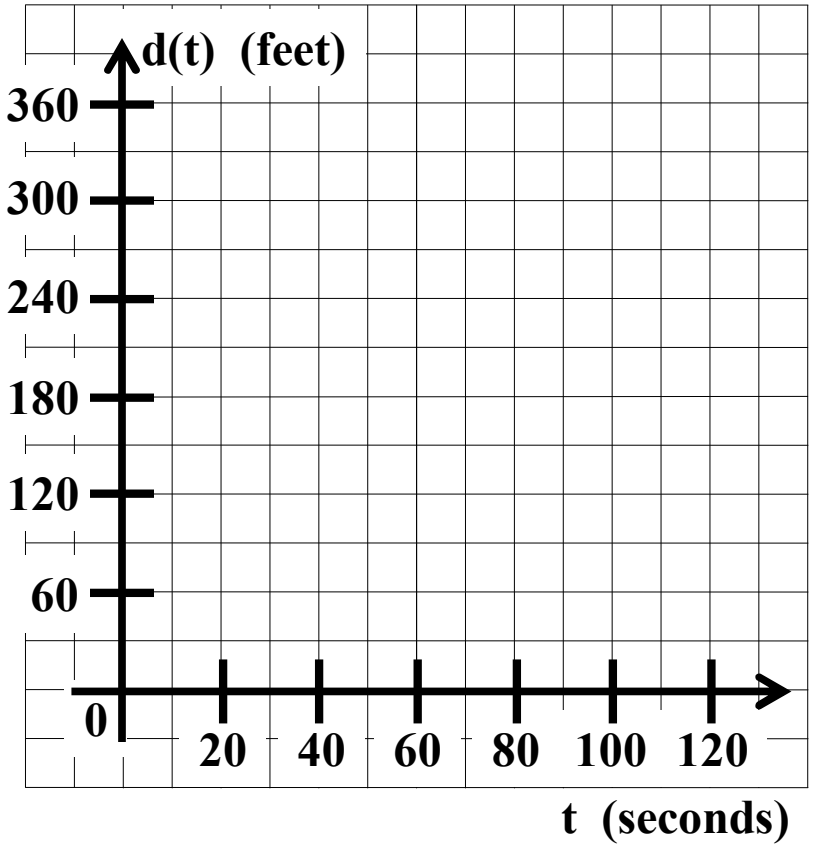
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

2. Graph function d.



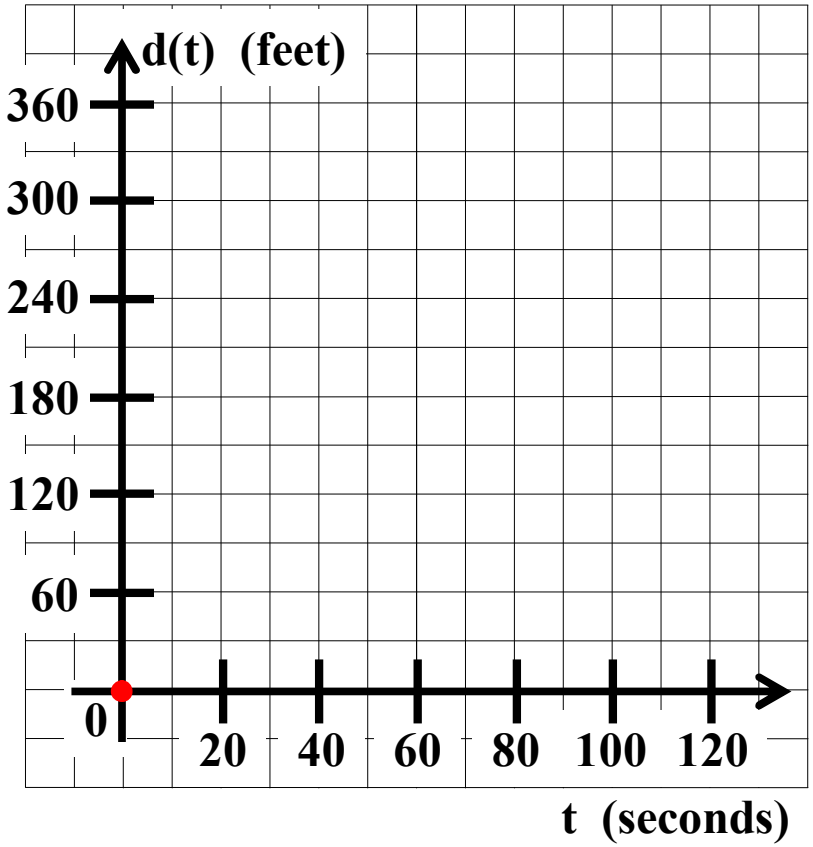
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

2. Graph function d.



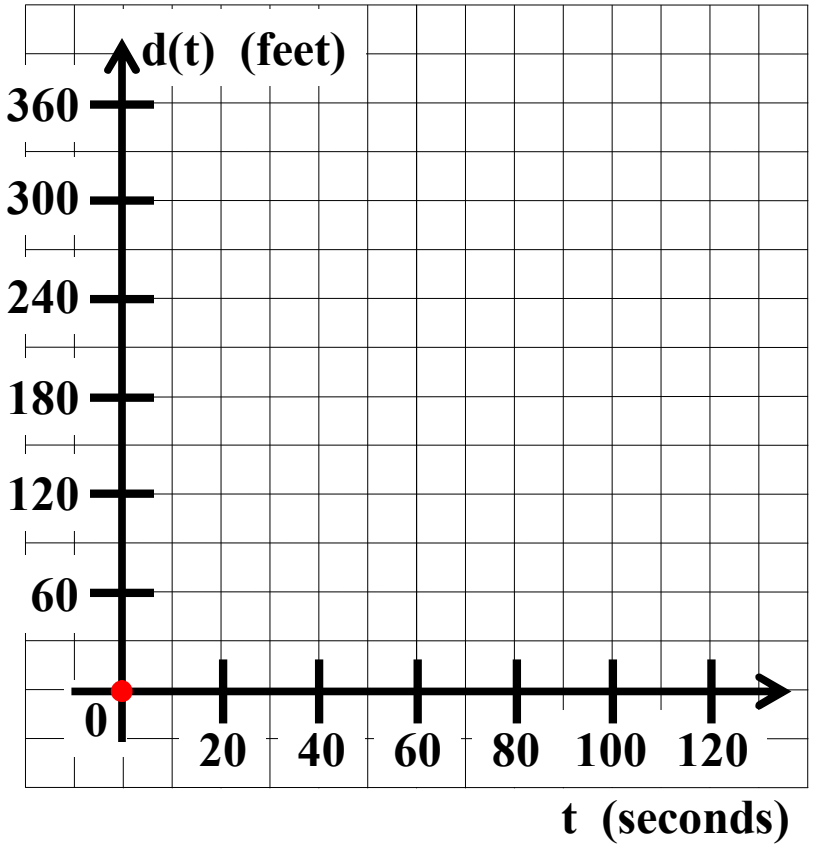
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

2. Graph function d.



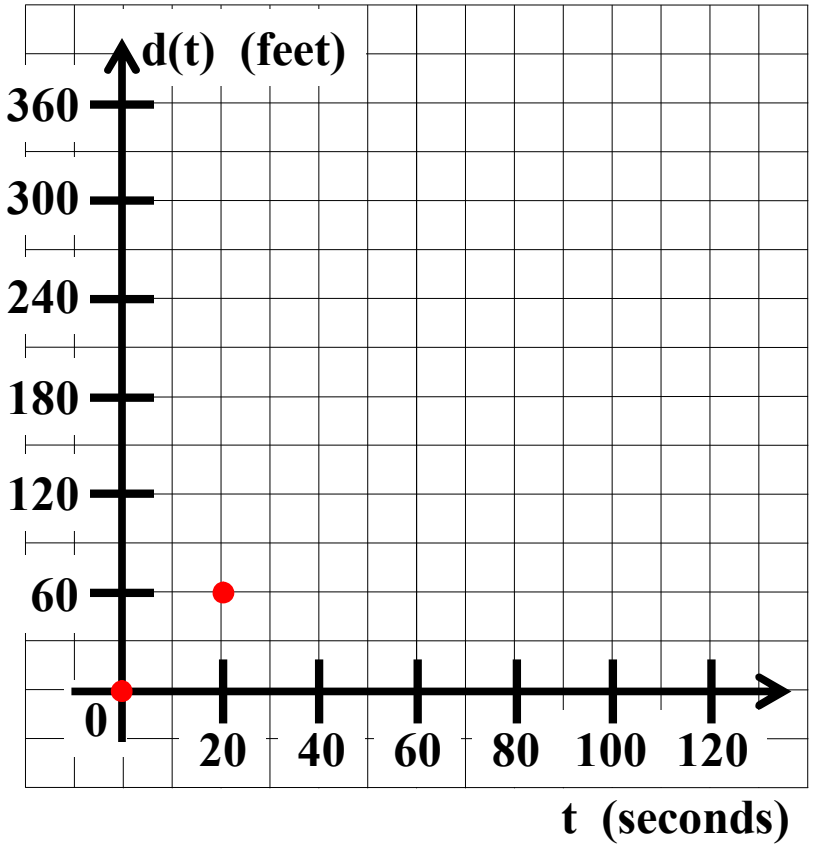
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

2. Graph function d.



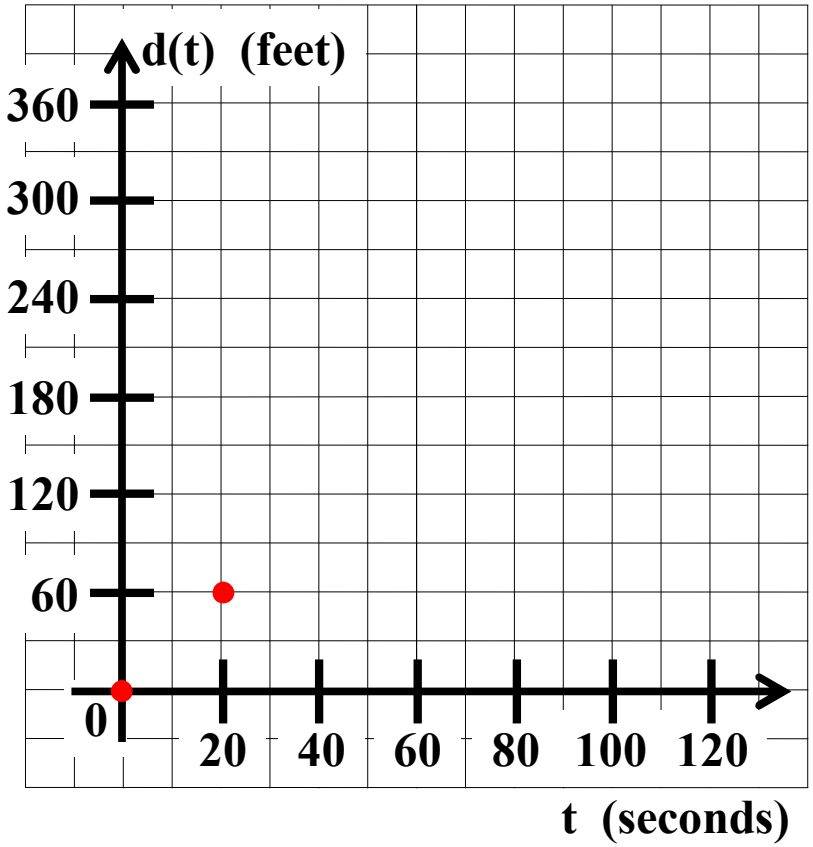
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

2. Graph function d.



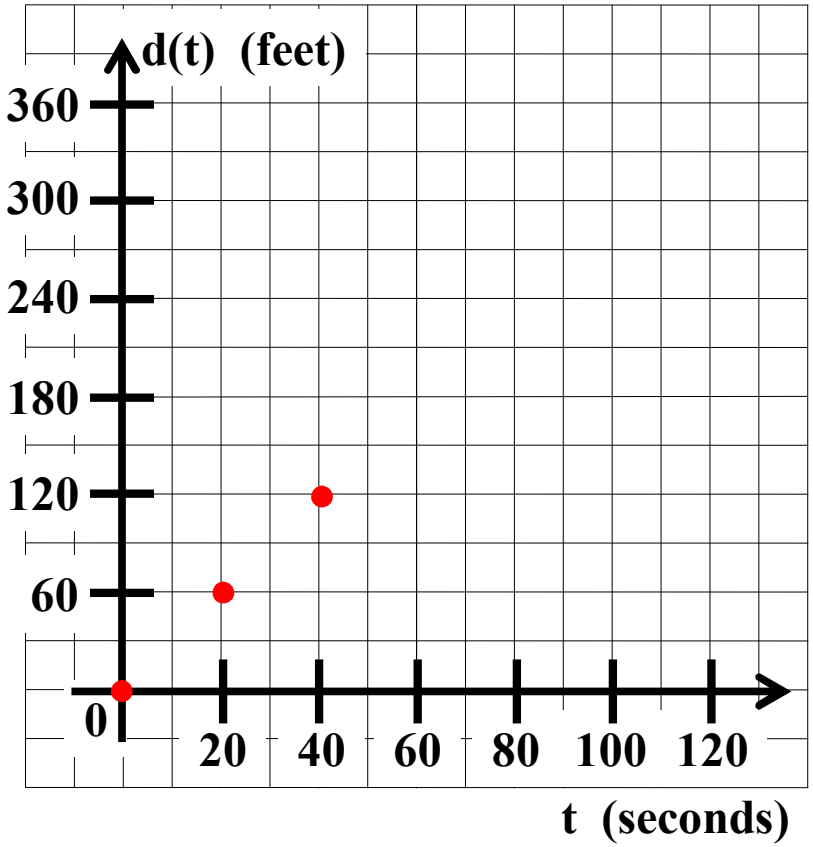
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

2. Graph function d.



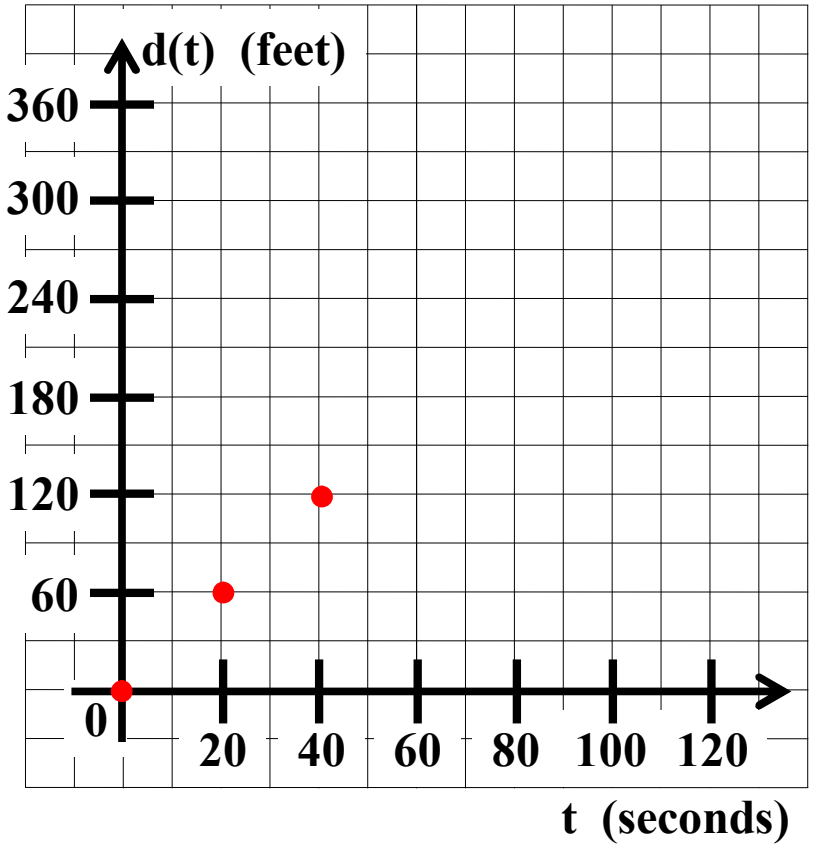
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

2. Graph function d.



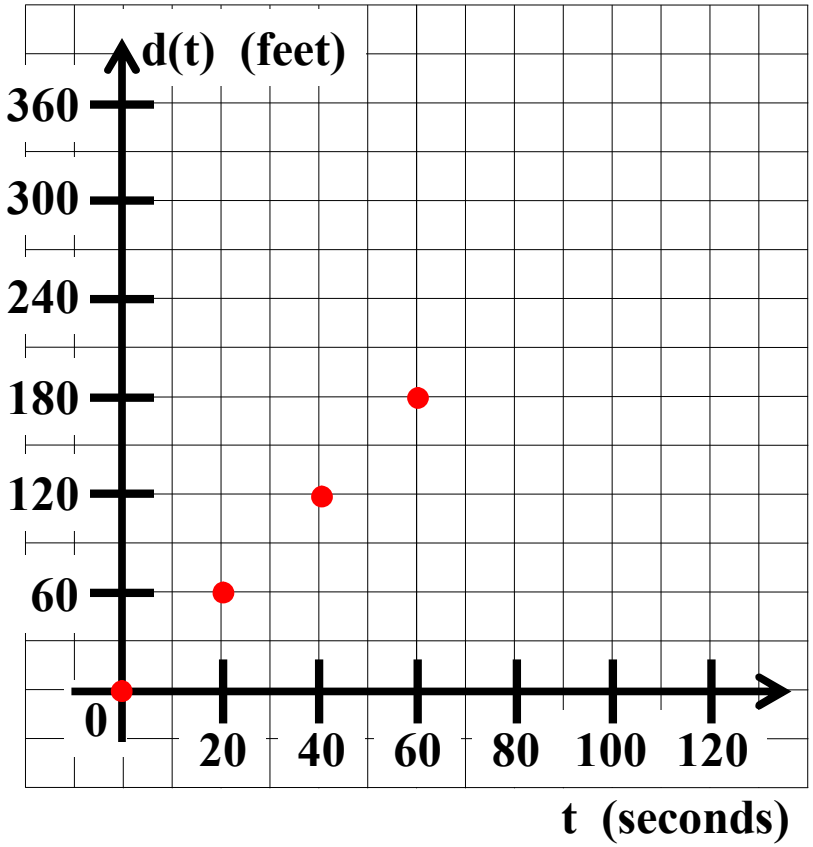
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

2. Graph function d.



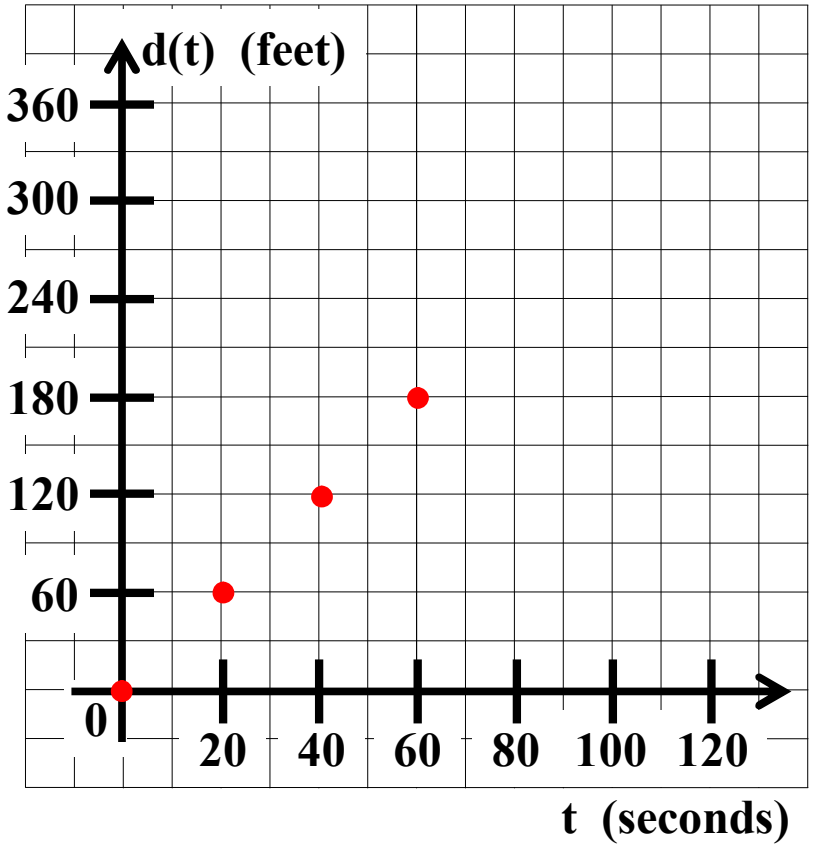
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

2. Graph function d.



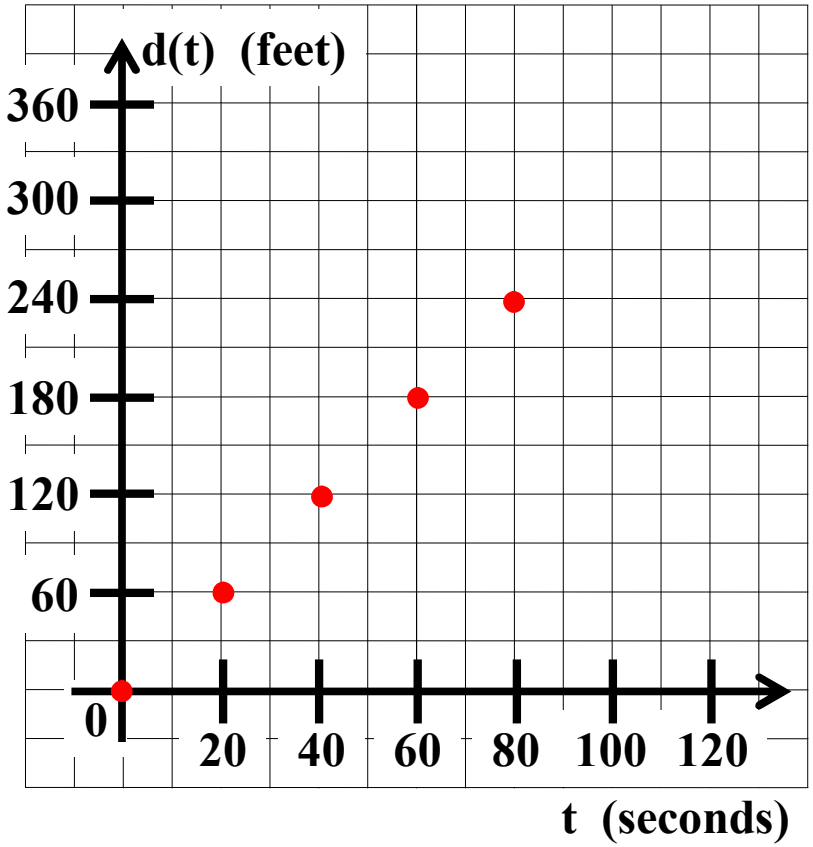
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

2. Graph function d.



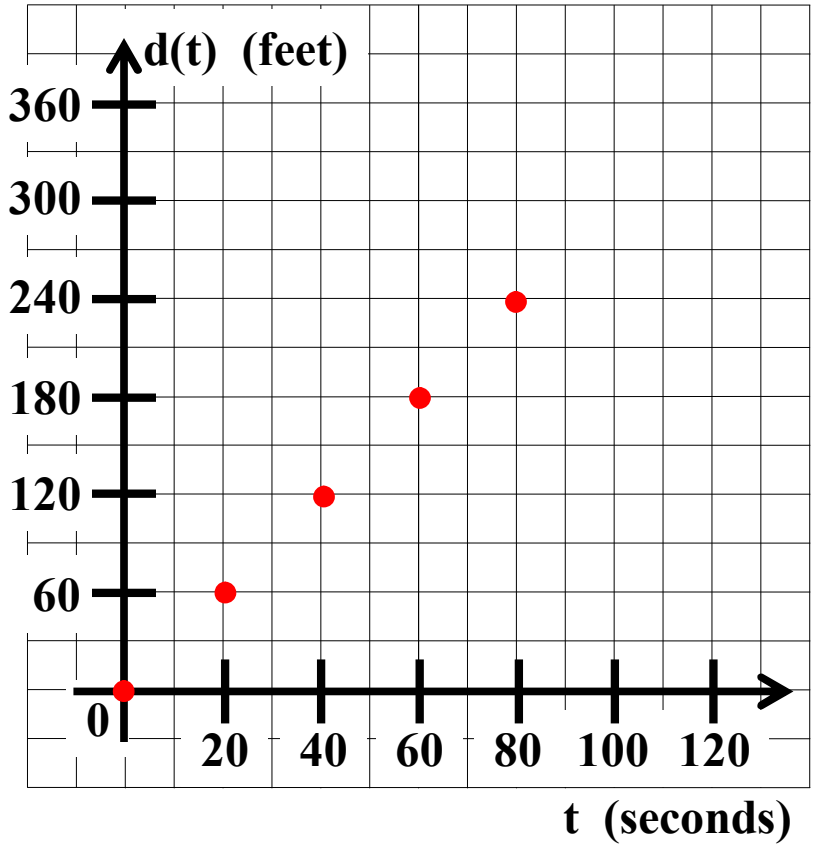
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

2. Graph function d.



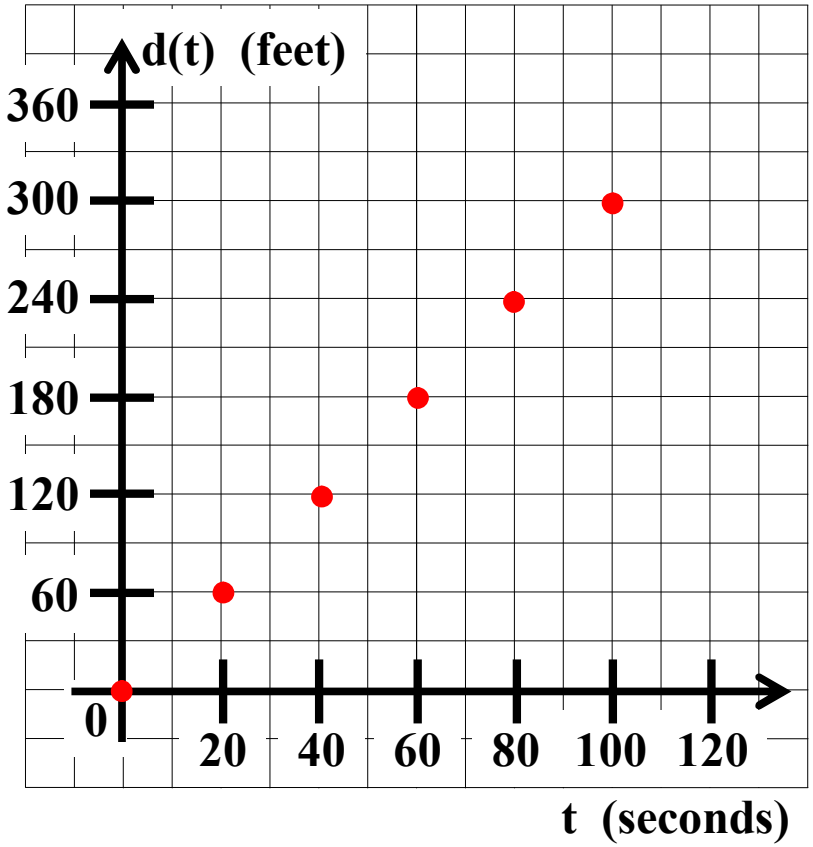
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

2. Graph function d.



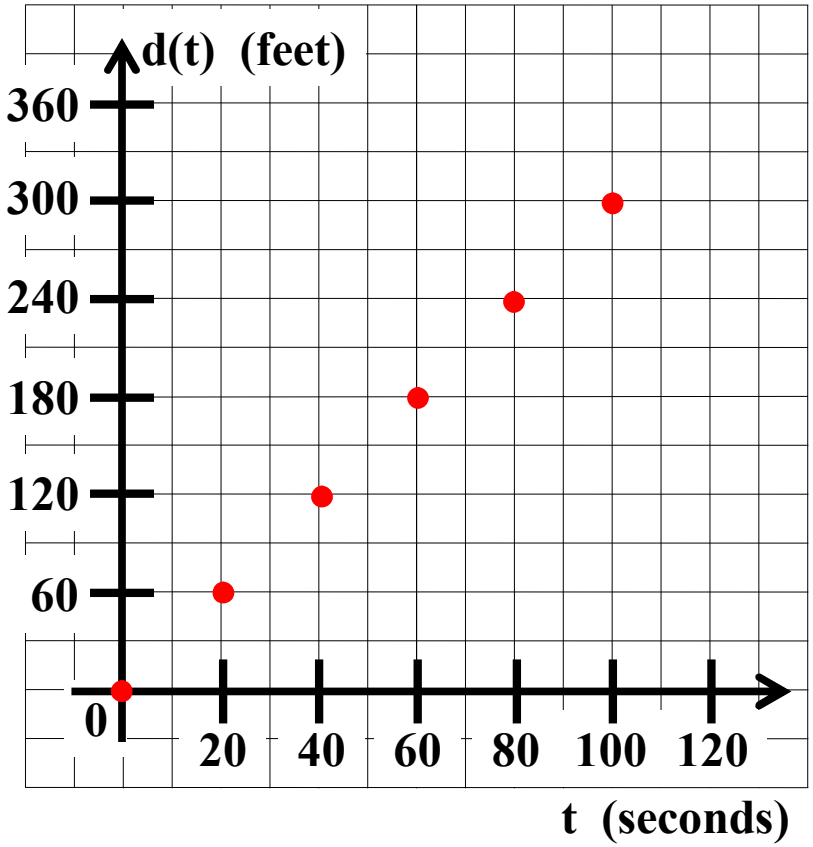
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

2. Graph function d.



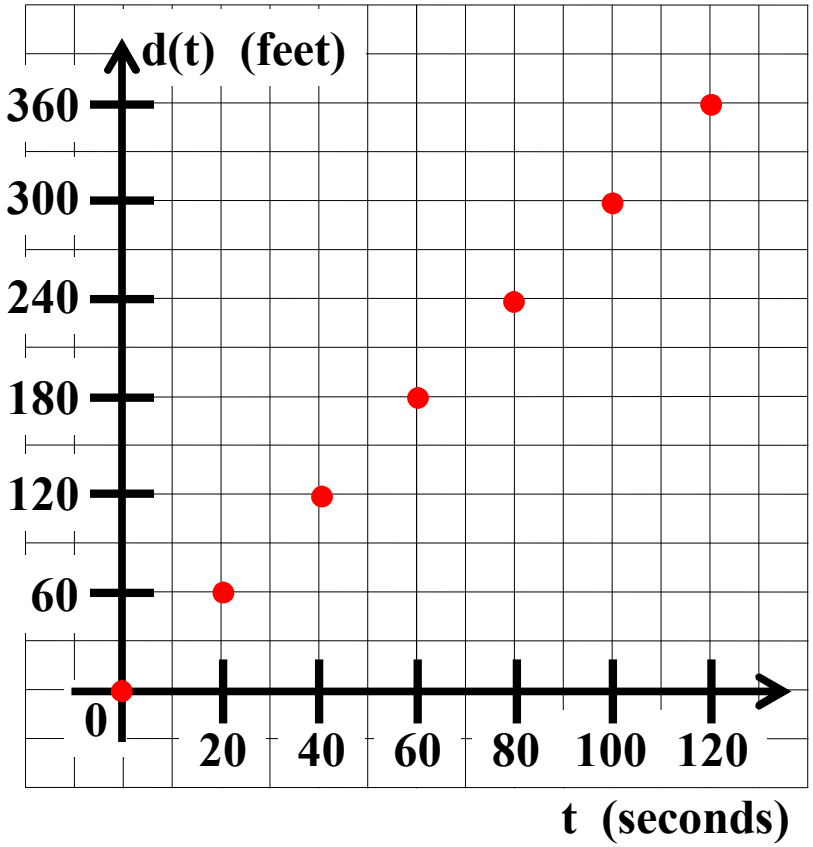
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

2. Graph function d.



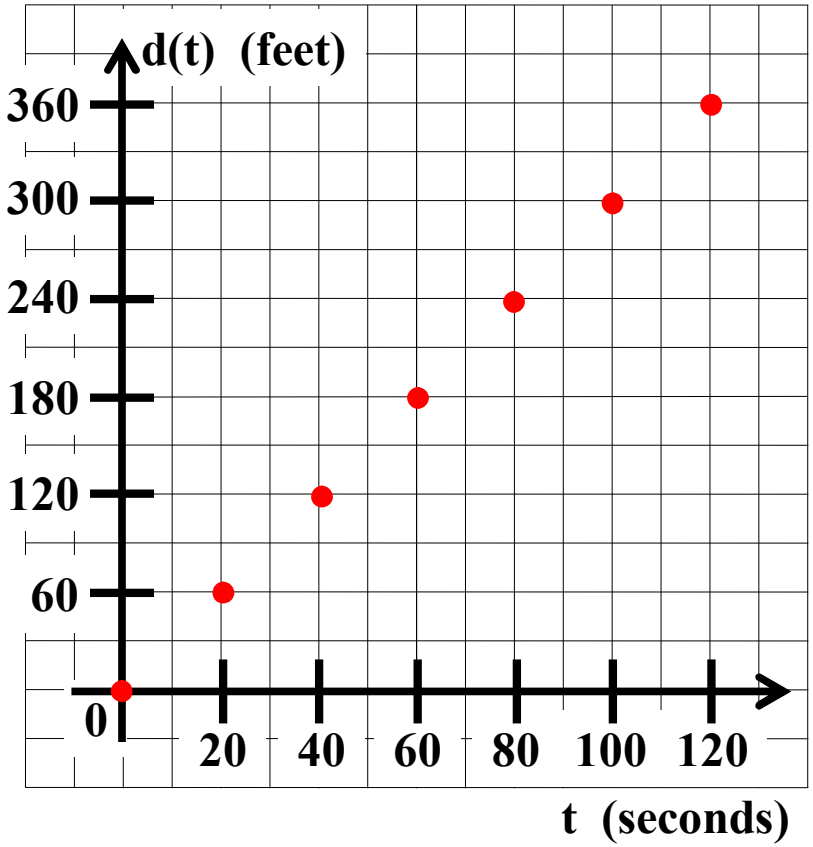
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

2. Graph function d.



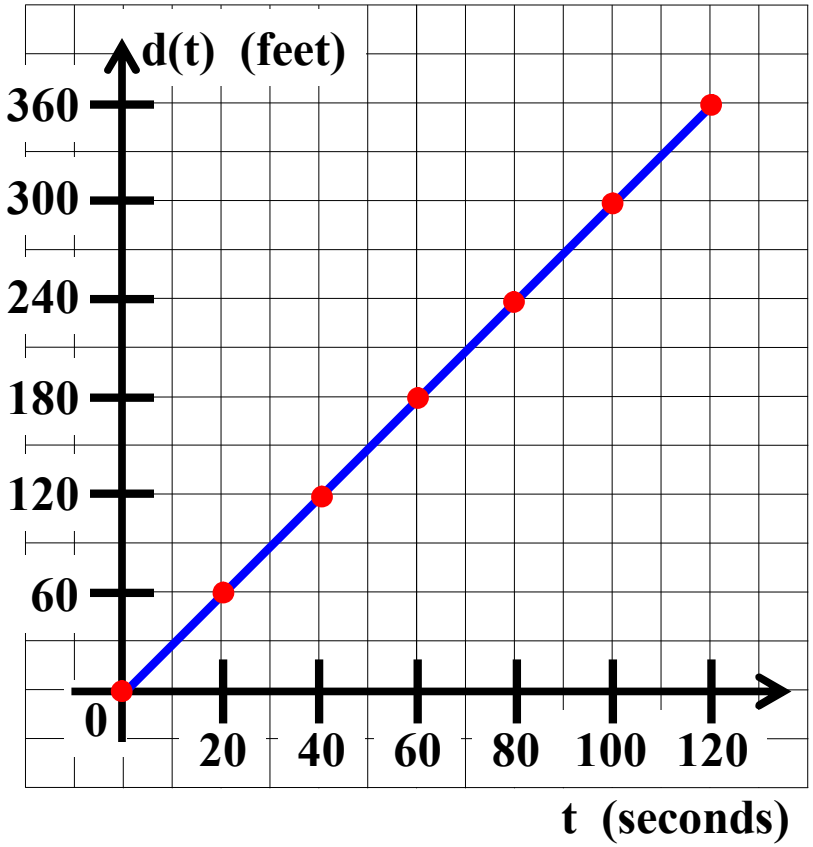
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

2. Graph function d.



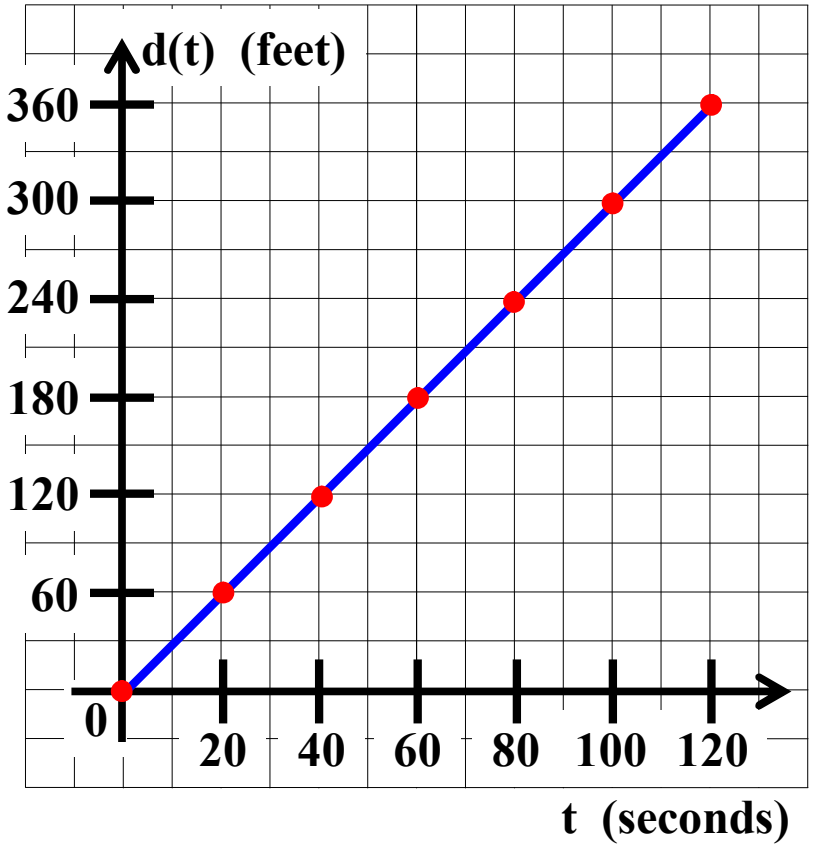
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

2. Graph function d.



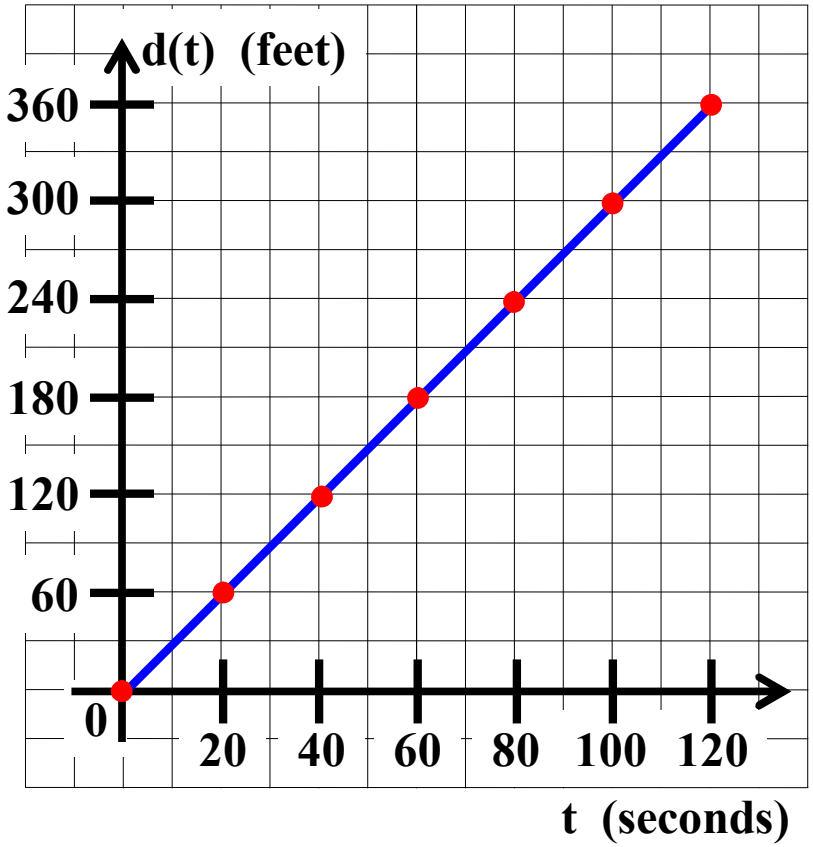
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

2. Graph function d.



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

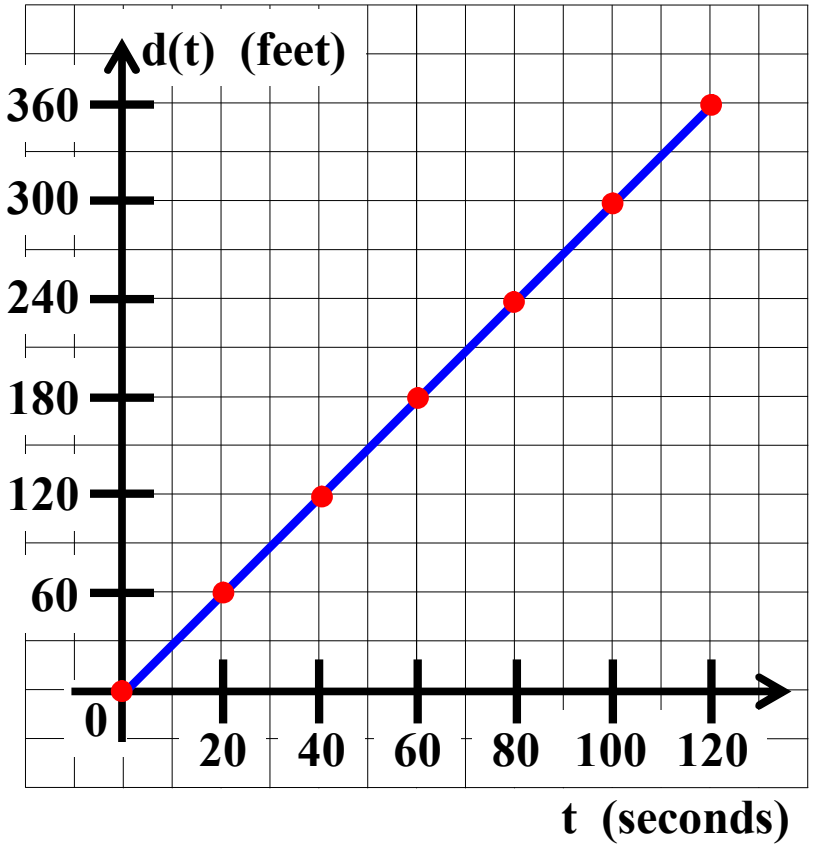
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

2. Graph function d.



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

d(t) =

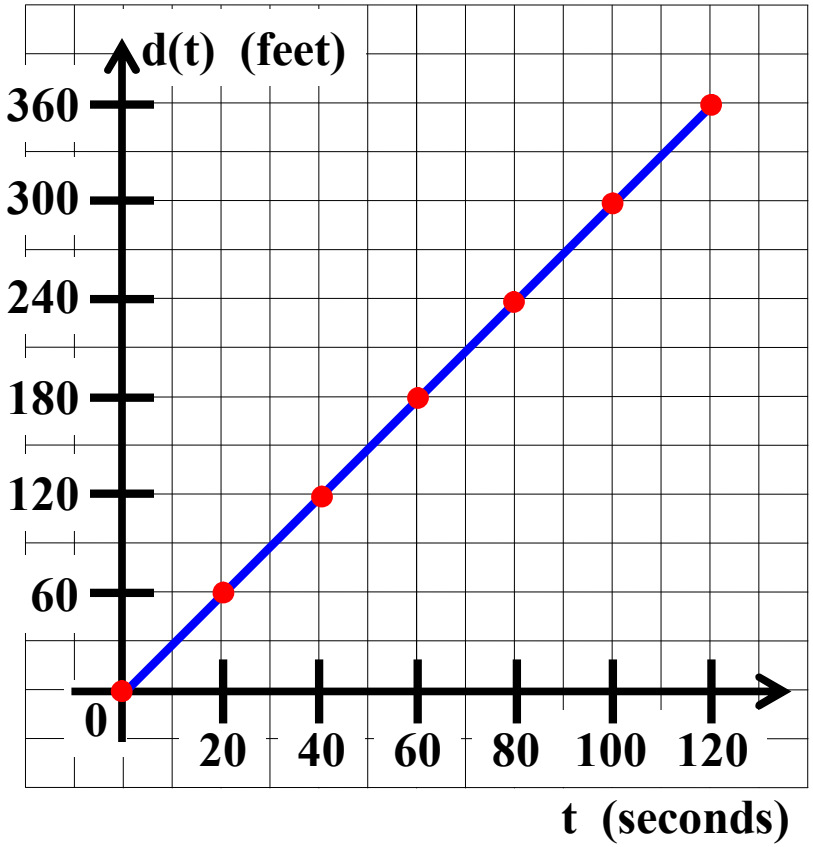
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

2. Graph function d.



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

$$d(t) = 3t$$

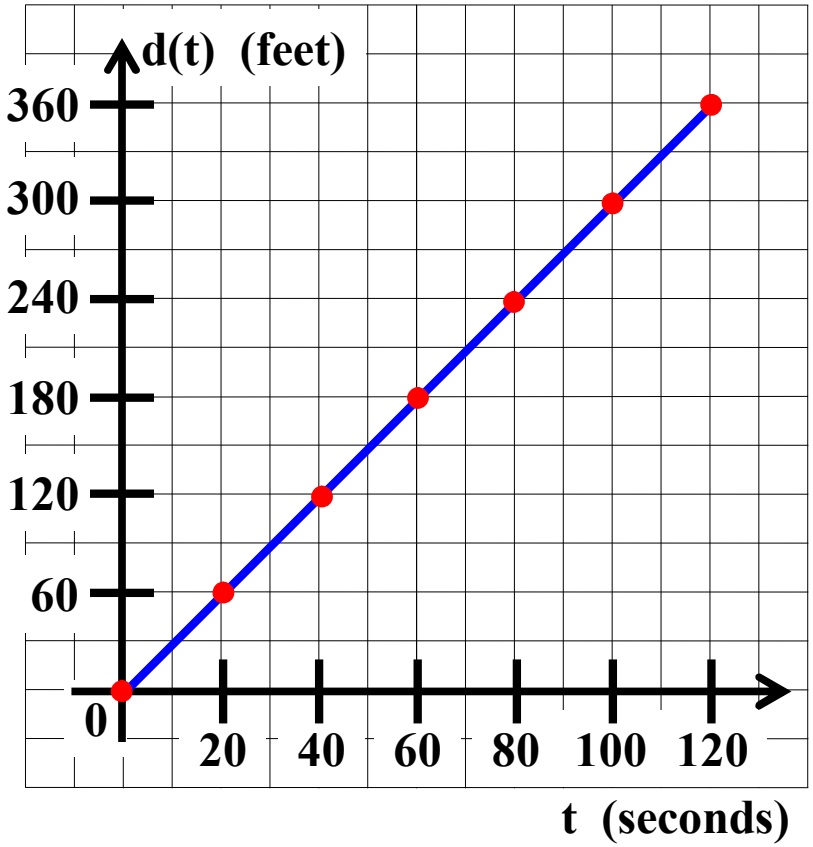
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

2. Graph function d.



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

$d(t) = 3t$

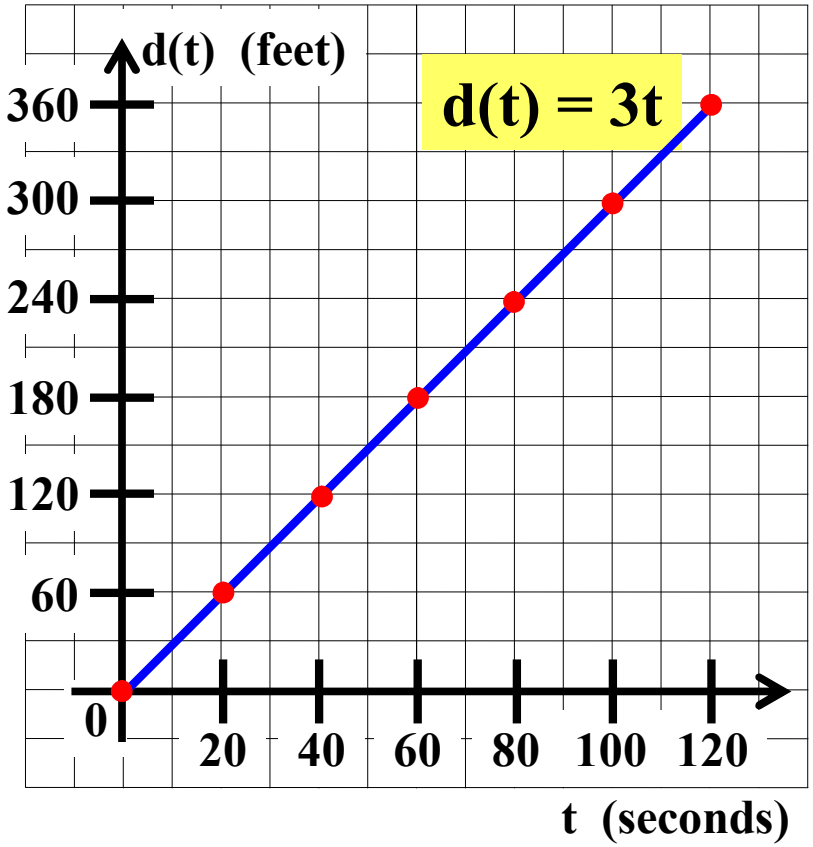
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

2. Graph function d.



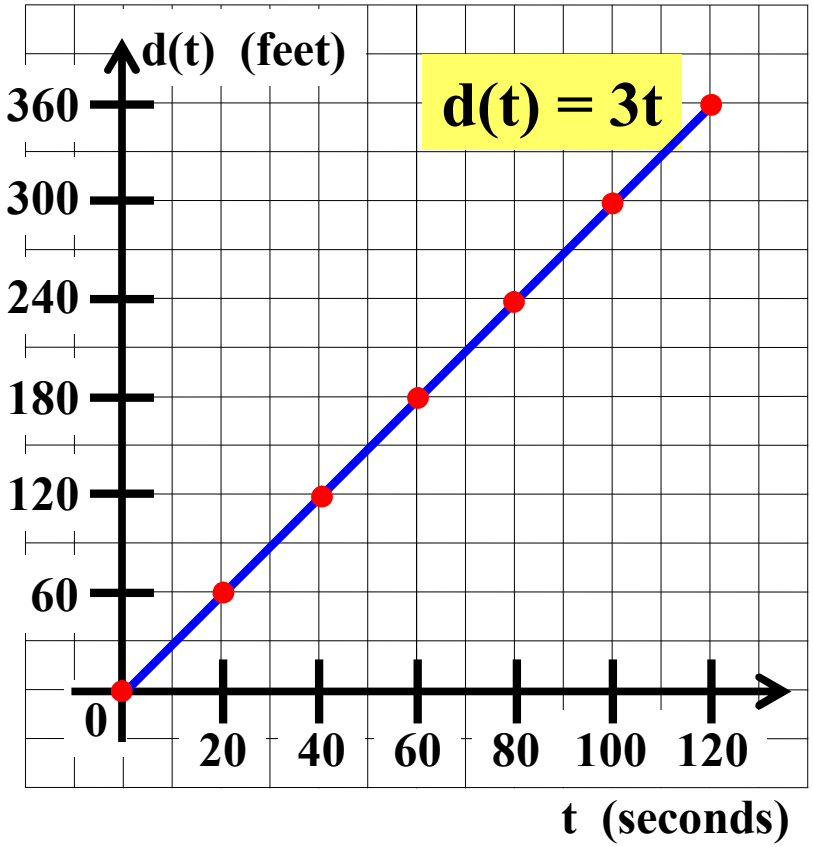
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

2. Graph function d.



4. Write an inequality to describe the domain of function d.

_____

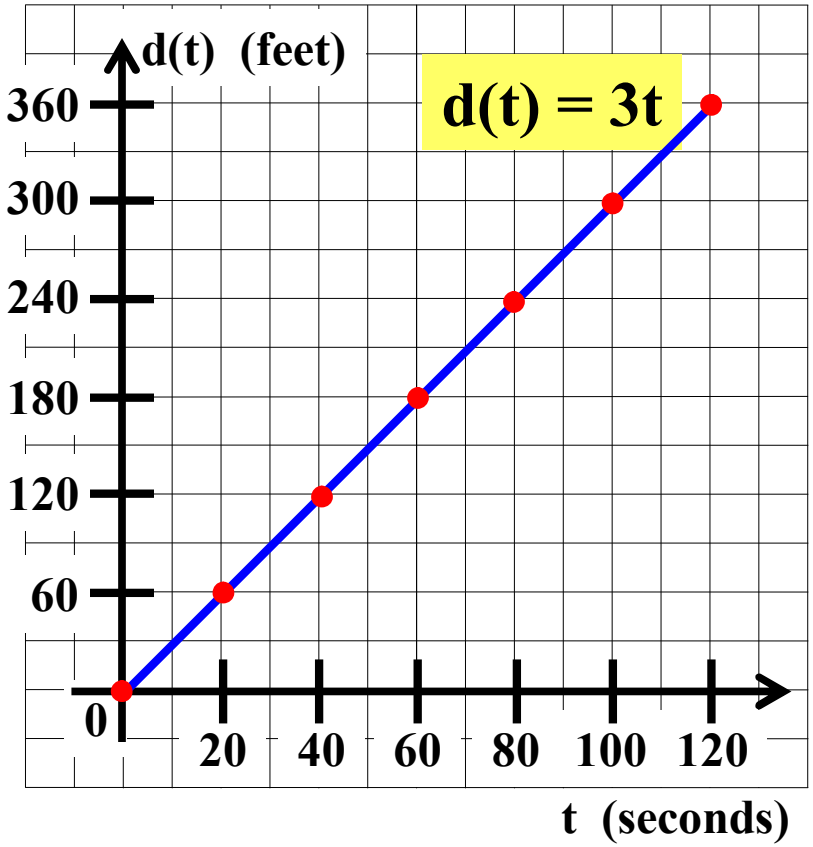
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

2. Graph function d.



4. Write an inequality to describe the domain of function d.

$0 \leq t$

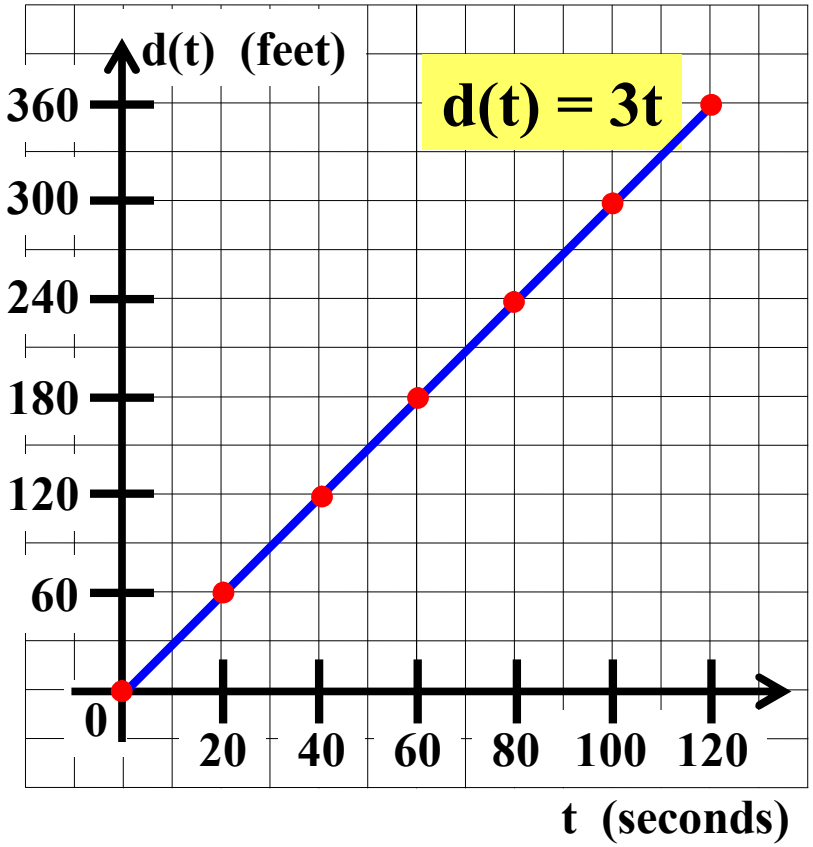
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

2. Graph function d.



4. Write an inequality to describe the domain of function d.

$0 \leq t \leq 120$

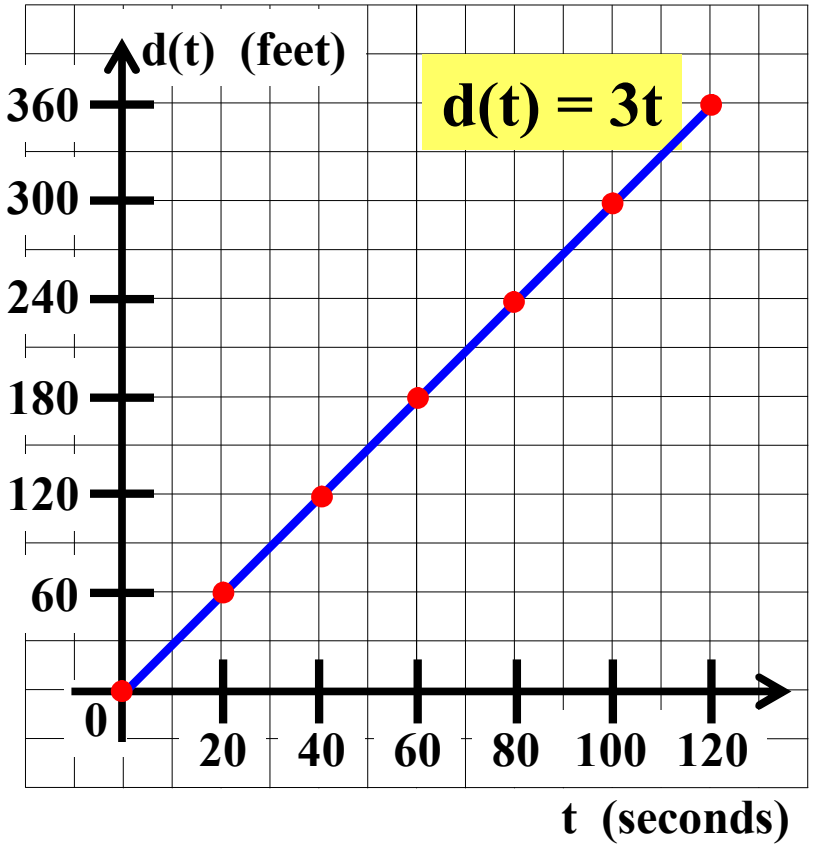
Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

2. Graph function d.



4. Write an inequality to describe the domain of function d.

$0 \leq t \leq 120$

Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

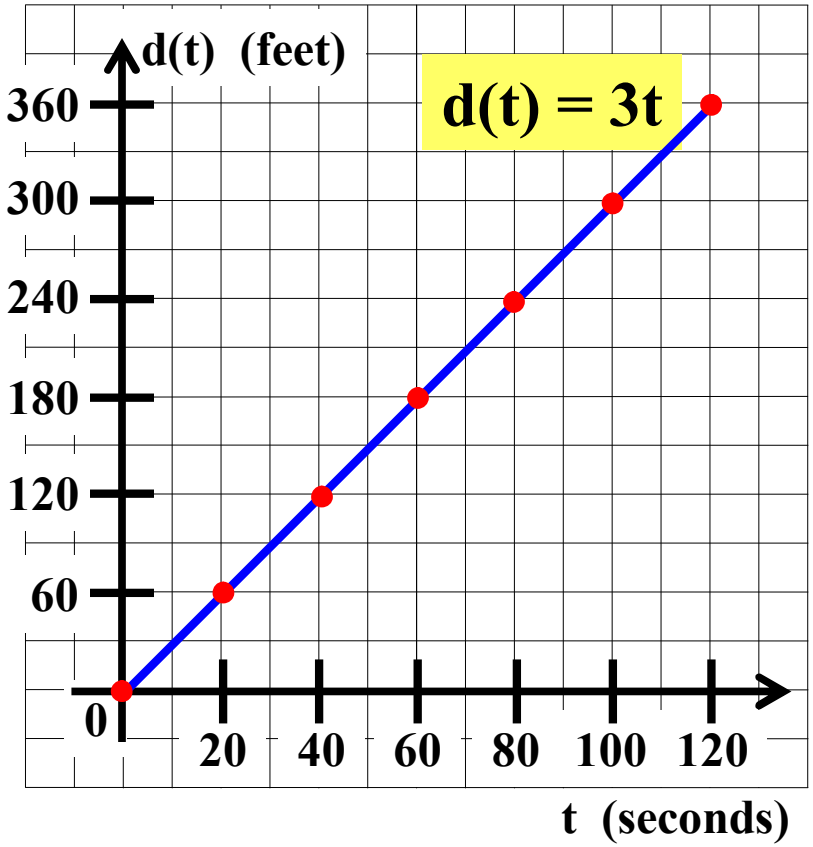
1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

domain

$0 \le t \le 120$

2. Graph function d.



Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

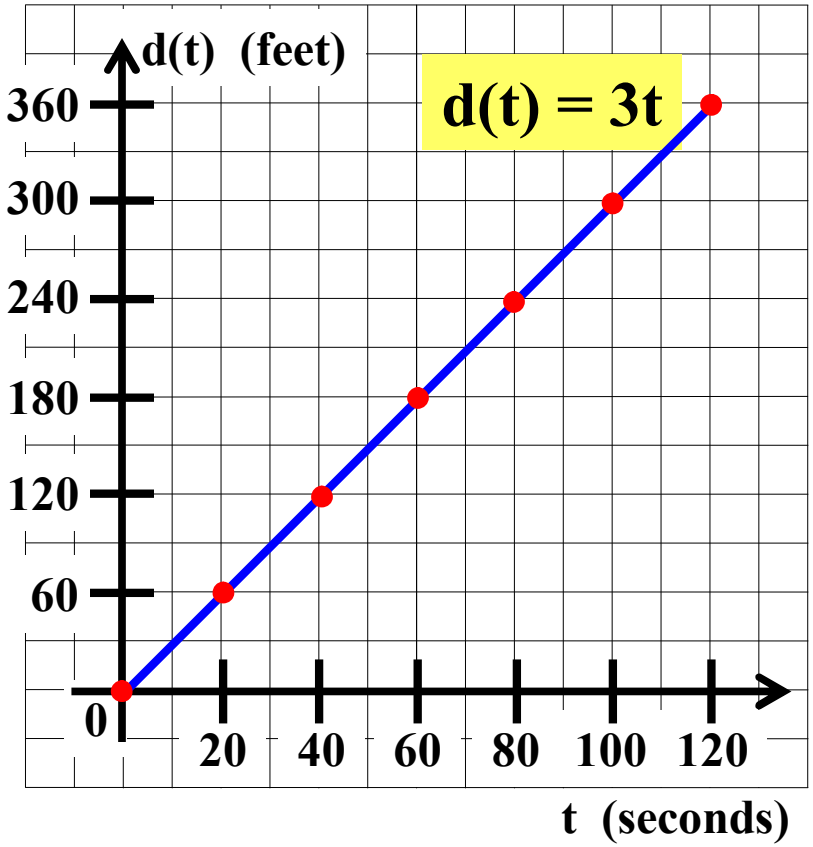
1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

domain

$0 \le t \le 120$

2. Graph function d.



5. Write an inequality to describe the range of function d.

_____

Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

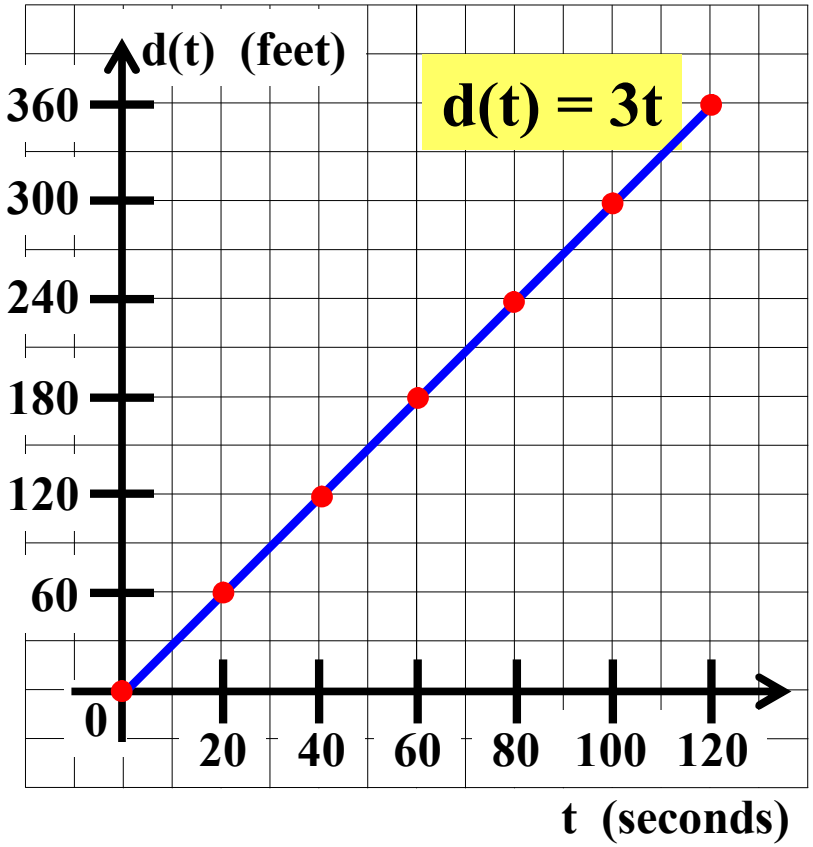
1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

domain

$0 \le t \le 120$

2. Graph function d.



5. Write an inequality to describe the range of function d.

$0 \le d(t)$

Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

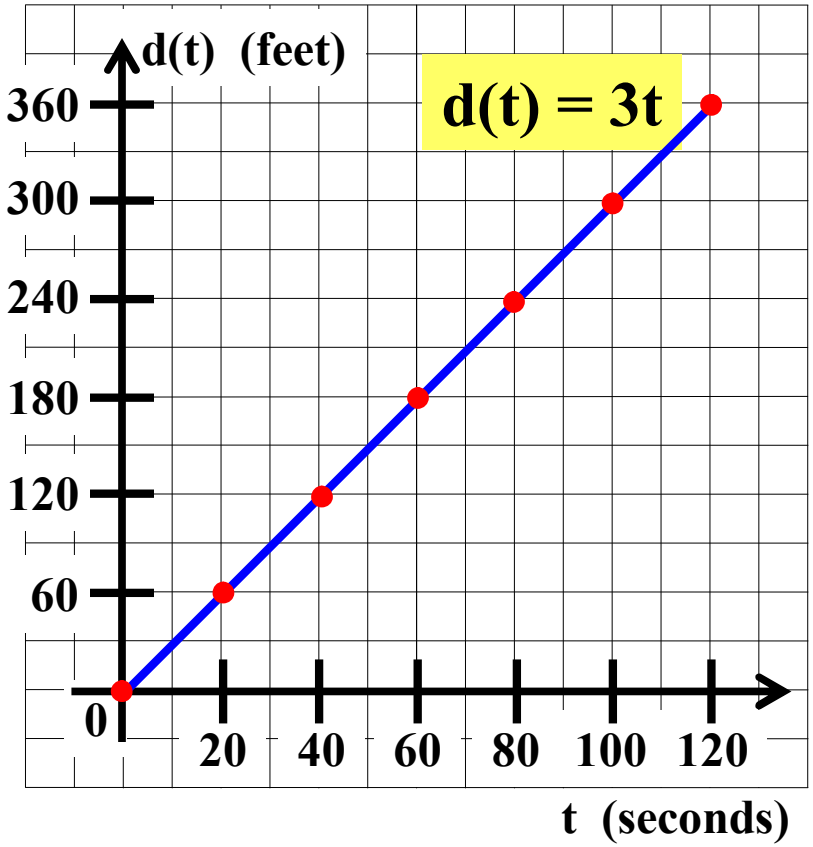
1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

domain

$0 \le t \le 120$

2. Graph function d.



5. Write an inequality to describe the range of function d.

$0 \le d(t) \le 360$

Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

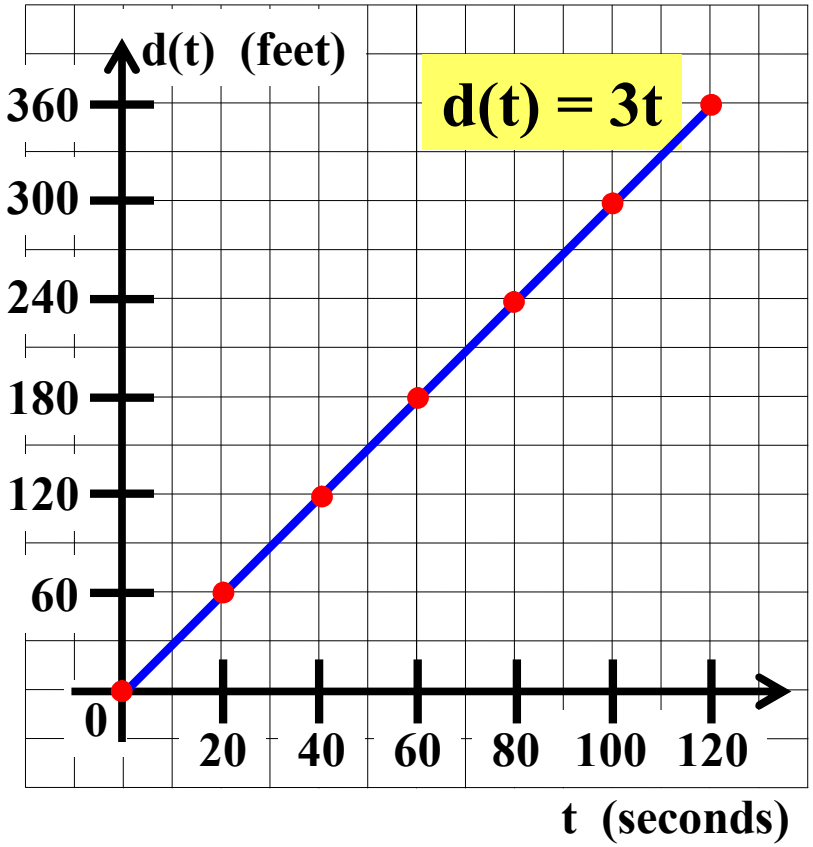
1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

domain

$0 \le t \le 120$

2. Graph function d.



5. Write an inequality to describe the range of function d.

$0 \le d(t) \le 360$

Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

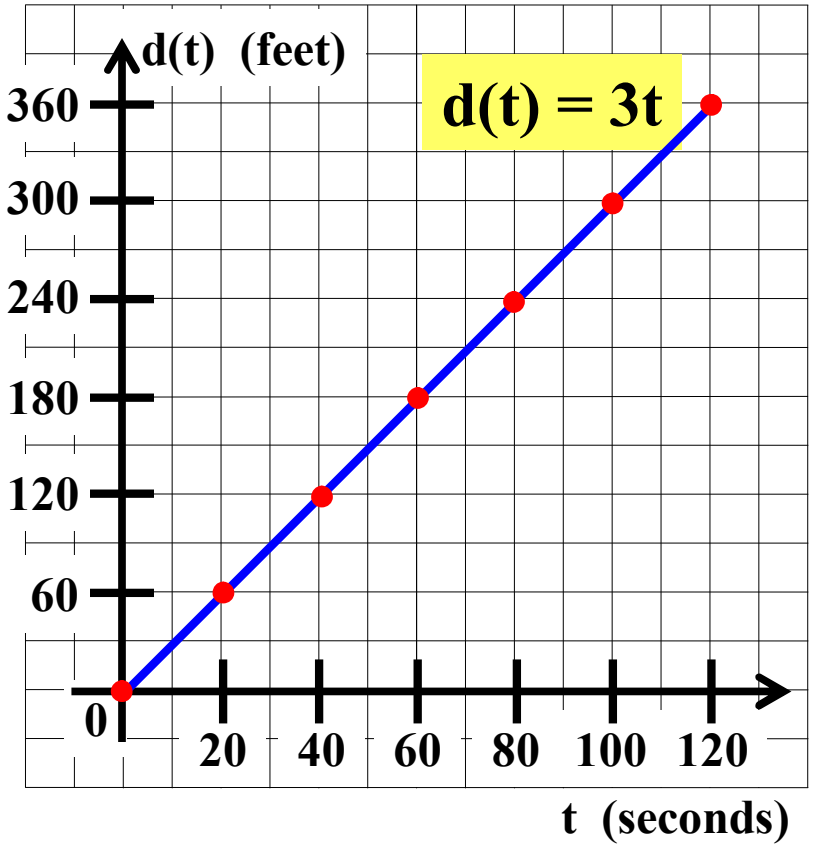
domain

$0 \le t \le 120$

range

$0 \le d(t) \le 360$

2. Graph function d.



Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

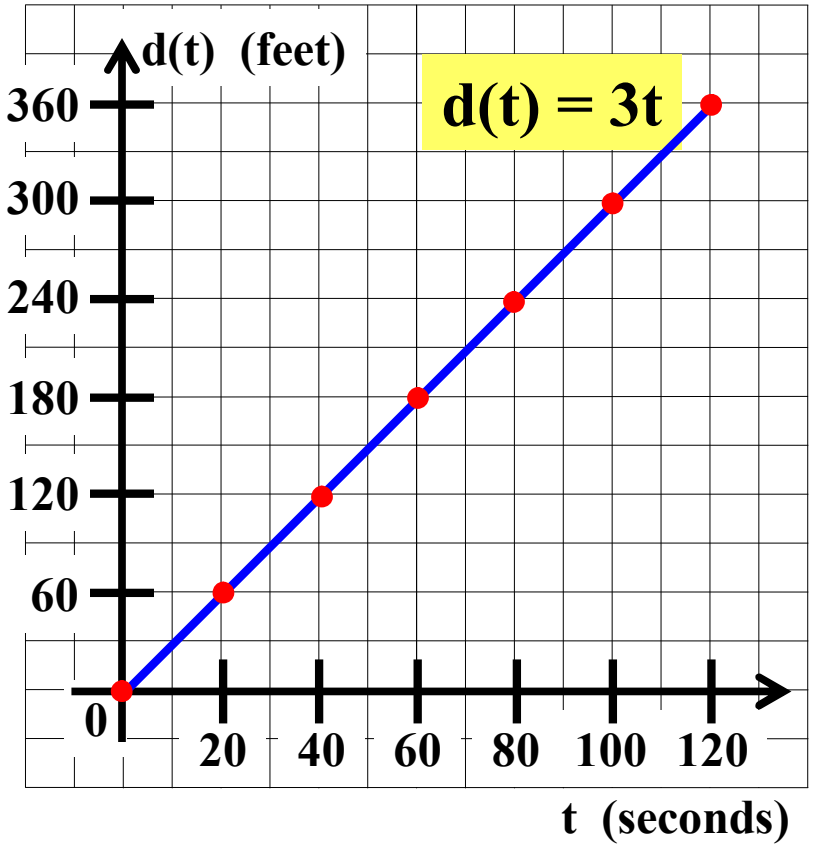
domain

$0 \le t \le 120$

range

$0 \le d(t) \le 360$

2. Graph function d.



Evaluate d(60). What does d(60) represent in terms of the problem?

Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

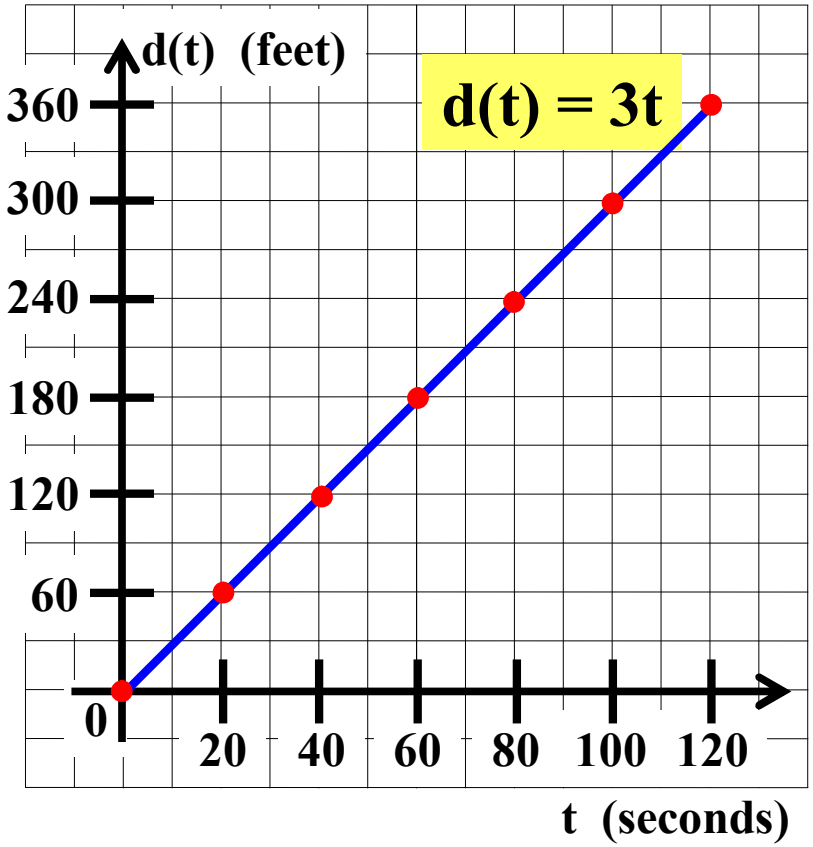
domain

$0 \le t \le 120$

range

$0 \le d(t) \le 360$

2. Graph function d.



Evaluate d(60). What does d(60) represent in terms of the problem?

Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

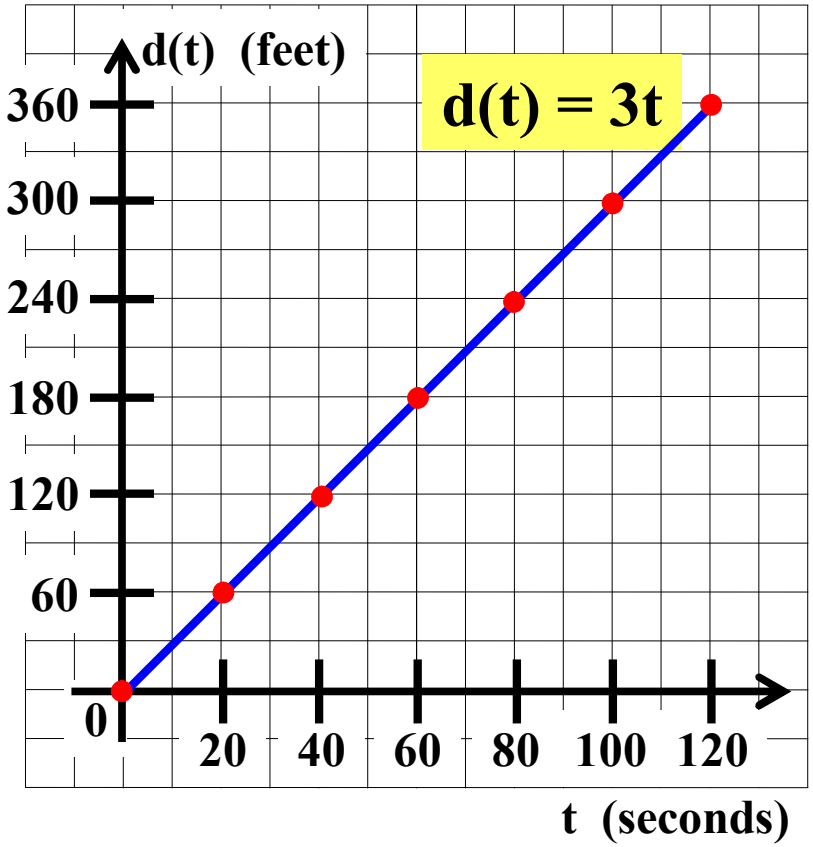
domain

$0 \le t \le 120$

range

$0 \le d(t) \le 360$

2. Graph function d.



Evaluate d(60). What does d(60) represent in terms of the problem?

d(60) =

Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
→ 60	180
80	240
100	300
120	360

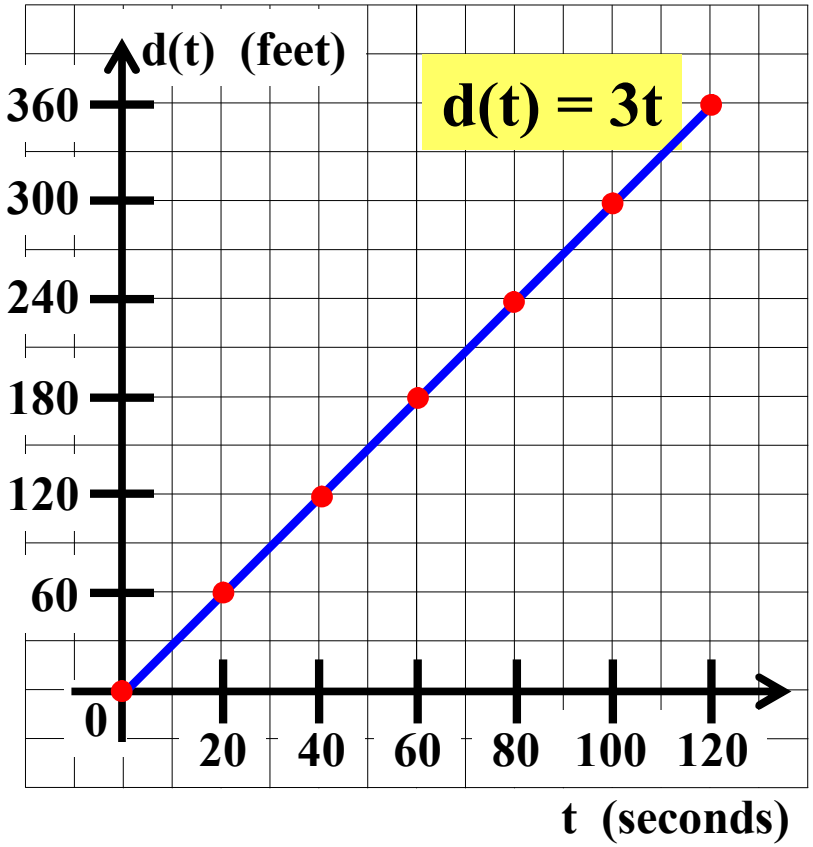
domain

$0 \le t \le 120$

range

$0 \le d(t) \le 360$

2. Graph function d.



Evaluate d(60). What does d(60) represent in terms of the problem?

d(60) =

Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
→ 60	180
80	240
100	300
120	360

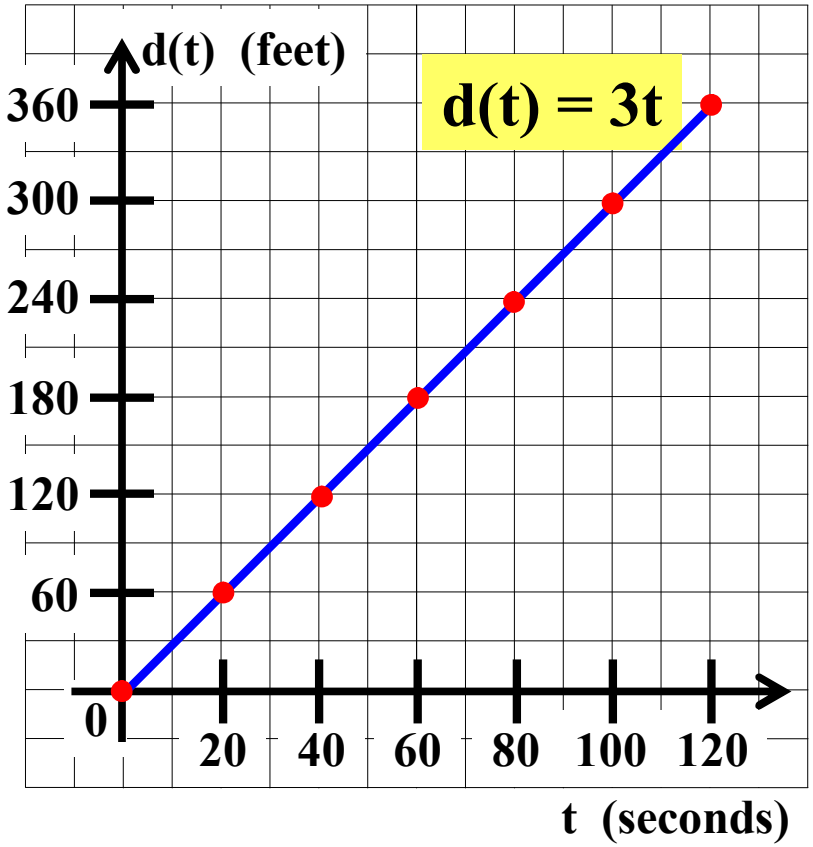
domain

$0 \le t \le 120$

range

$0 \le d(t) \le 360$

2. Graph function d.



Evaluate d(60). What does d(60) represent in terms of the problem?

$d(60) = 180$

Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

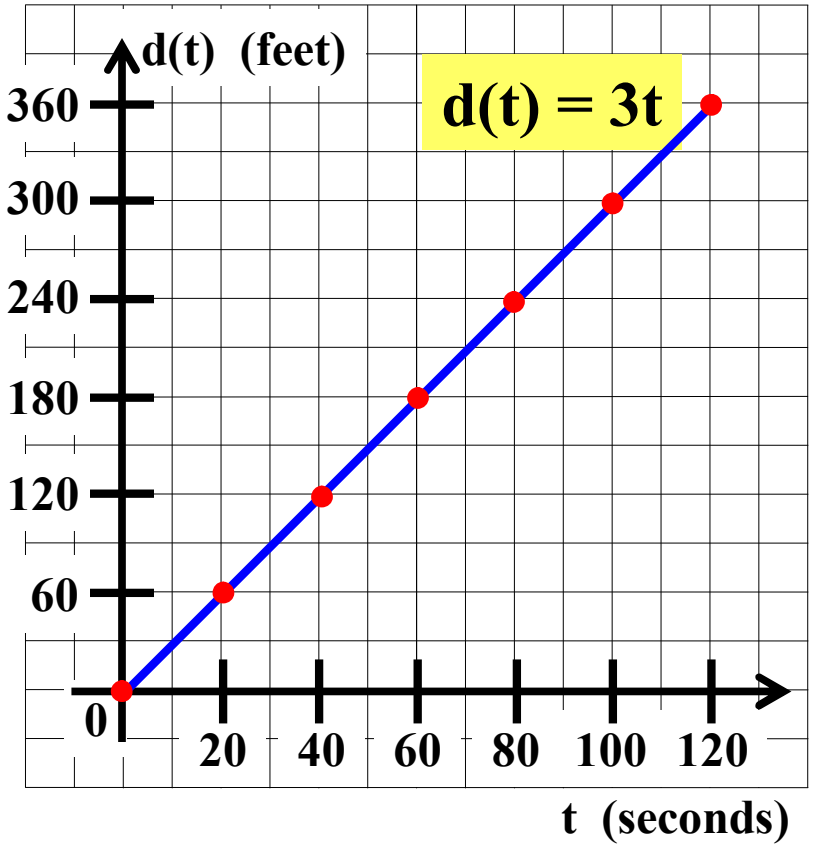
domain

$0 \le t \le 120$

range

$0 \le d(t) \le 360$

2. Graph function d.



Evaluate d(60). What does d(60) represent in terms of the problem?

d(60) = 180

Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

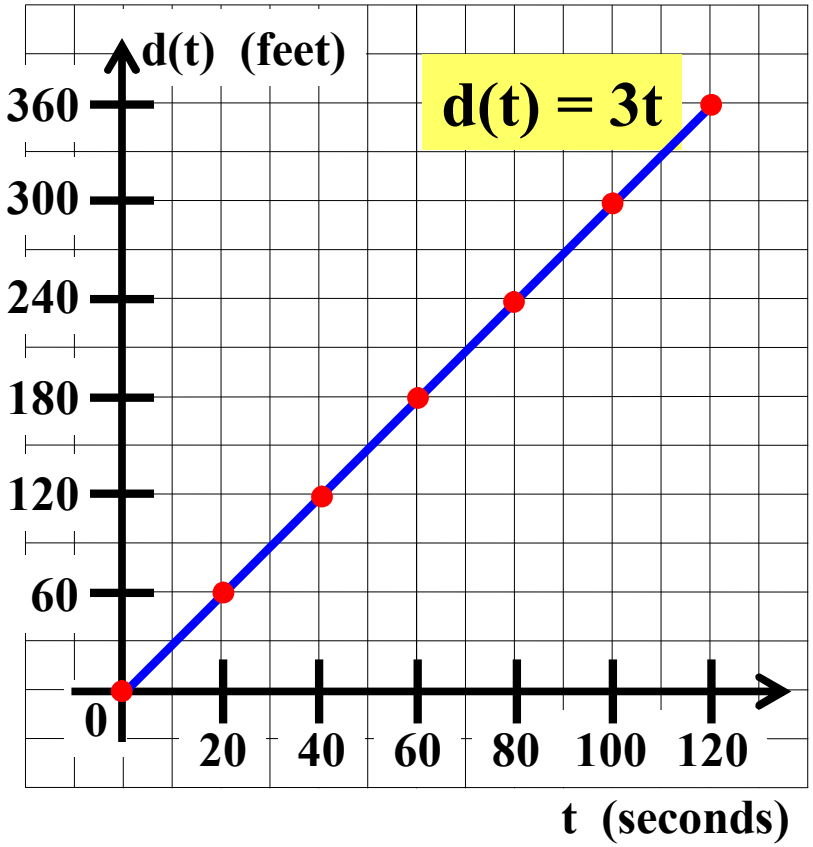
domain

$0 \le t \le 120$

range

$0 \le d(t) \le 360$

2. Graph function d.



Evaluate d(60). What does d(60) represent in terms of the problem?

d(60) = 180

Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

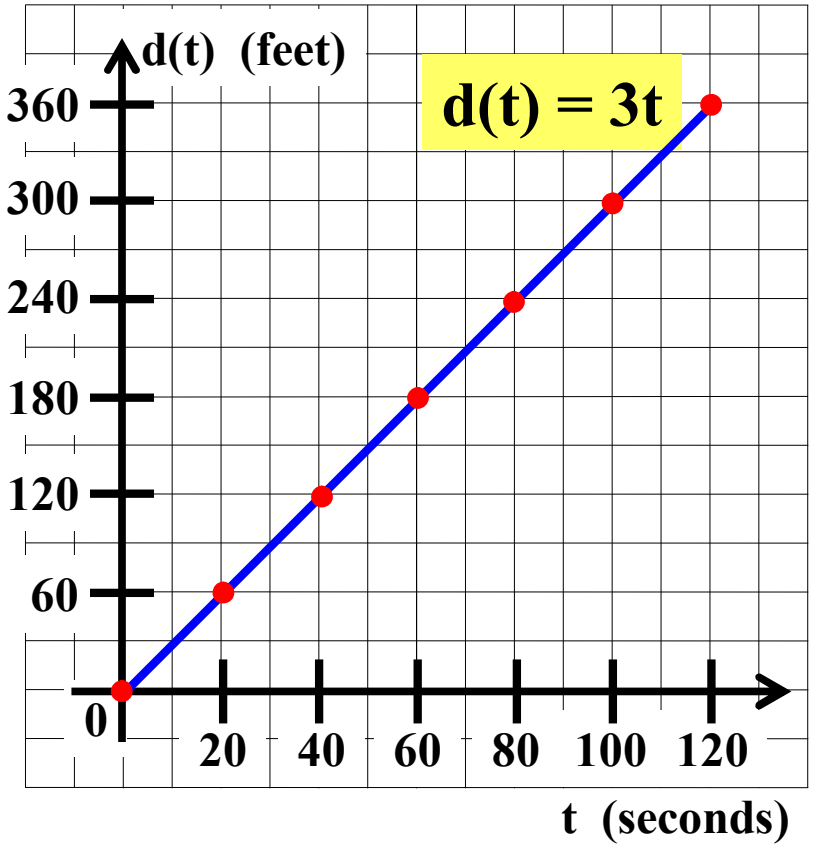
domain

$0 \le t \le 120$

range

$0 \le d(t) \le 360$

2. Graph function d.



Evaluate d(60). What does d(60) represent in terms of the problem?

d(60) = 180

d(60) represents the distance John walked.

Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

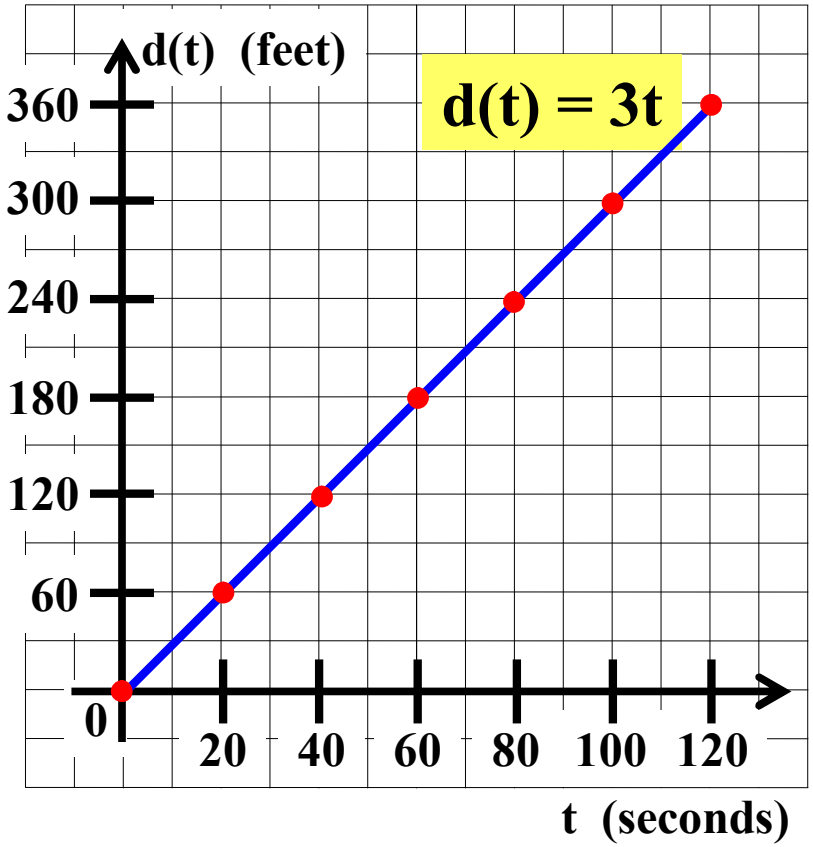
domain

$0 \le t \le 120$

range

$0 \le d(t) \le 360$

2. Graph function d.



Evaluate d(60). What does d(60) represent in terms of the problem?

d(60) = 180

d(60) represents the distance John walked in 60 seconds.

Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

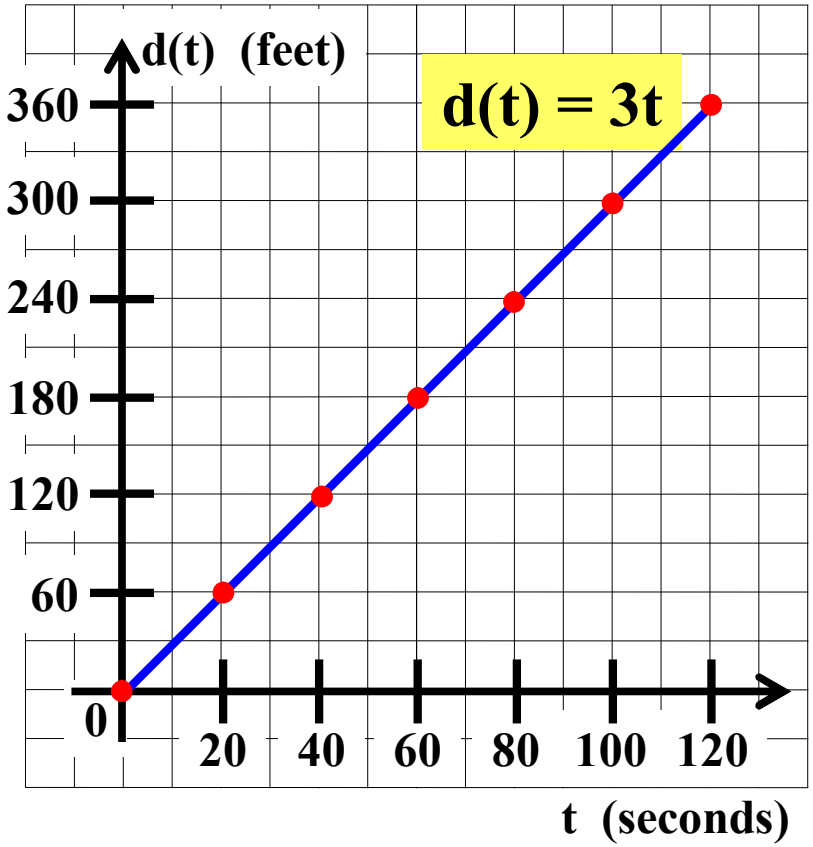
domain

$0 \le t \le 120$

range

$0 \le d(t) \le 360$

2. Graph function d.



Evaluate d(60). What does d(60) represent in terms of the problem?

d(60) = 180 feet

d(60) represents the distance John walked in 60 seconds.

Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

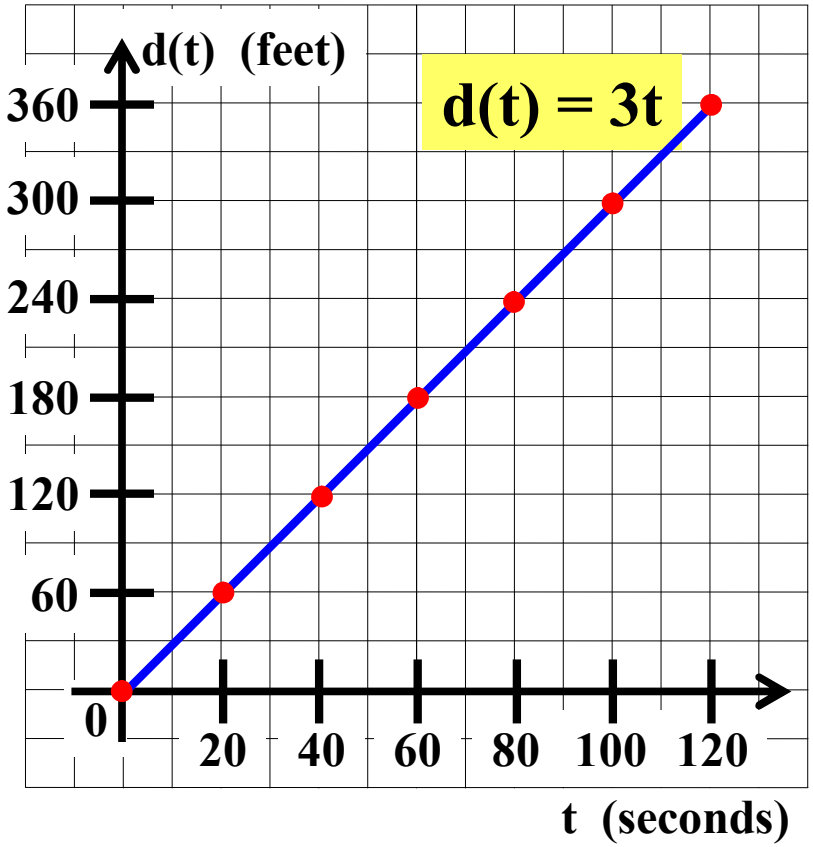
domain

$0 \le t \le 120$

range

$0 \le d(t) \le 360$

2. Graph function d.



Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

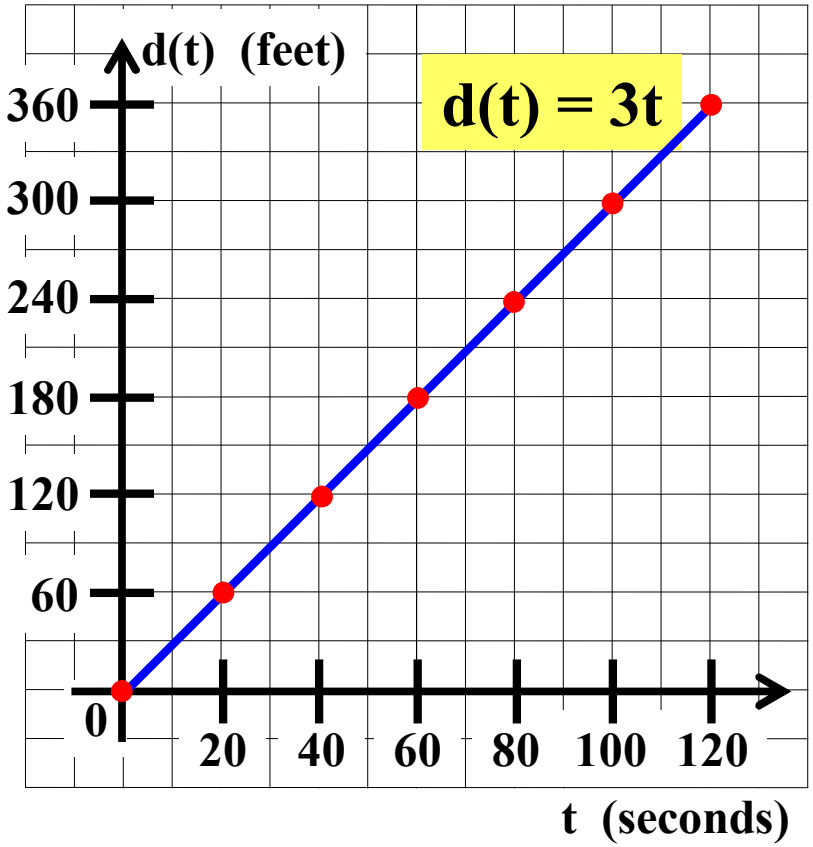
domain

$0 \le t \le 120$

range

$0 \le d(t) \le 360$

2. Graph function d.



If d(t) = 60, then find the value of t.

Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

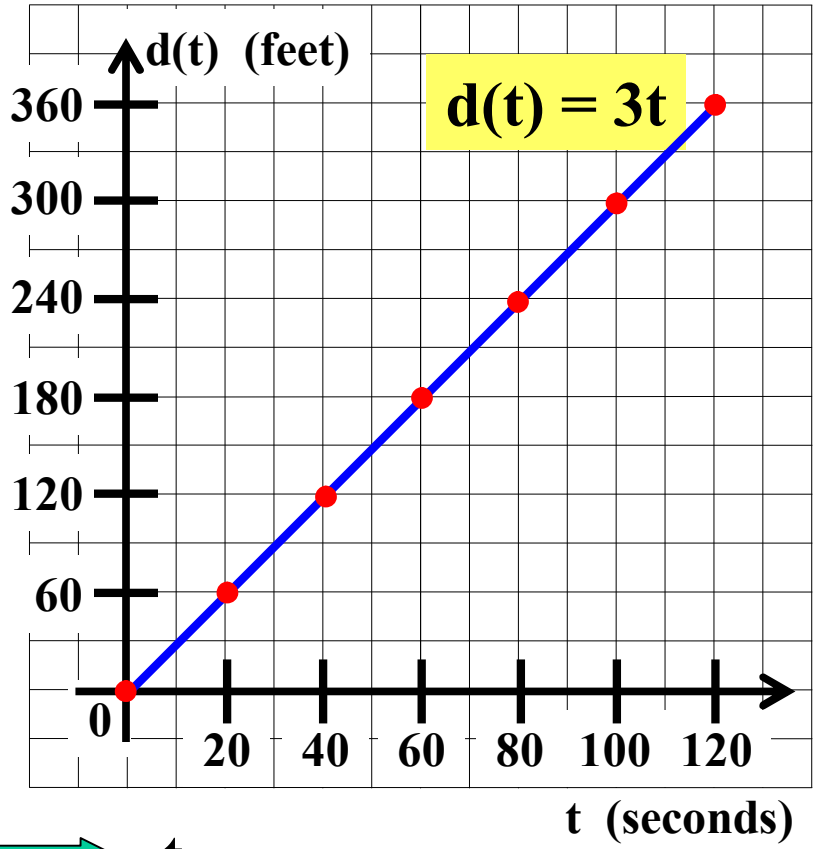
domain

$0 \le t \le 120$

range

$0 \le d(t) \le 360$

2. Graph function d.



If d(t) = 60, then find the value of t.

$d(t) = 60 \rightarrow t =$

Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

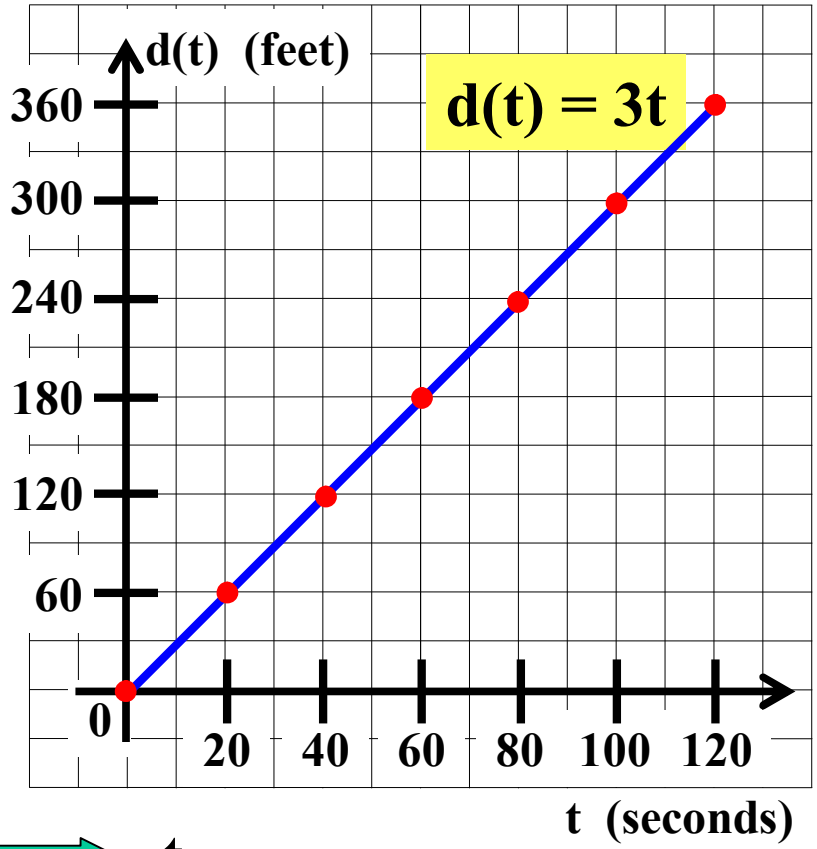
domain

$0 \le t \le 120$

range

$0 \le d(t) \le 360$

2. Graph function d.



If d(t) = 60, then find the value of t.

$d(t) = 60 \rightarrow t =$

Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

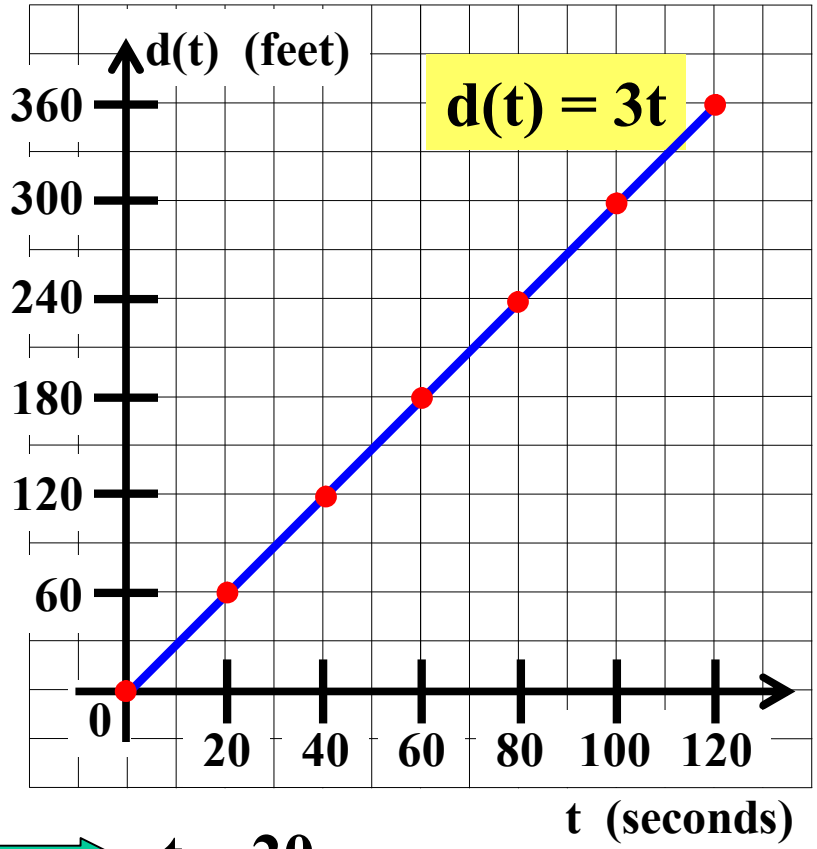
domain

$0 \le t \le 120$

range

$0 \le d(t) \le 360$

2. Graph function d.



If d(t) = 60, then find the value of t.

$d(t) = 60 \rightarrow t = 20$

Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

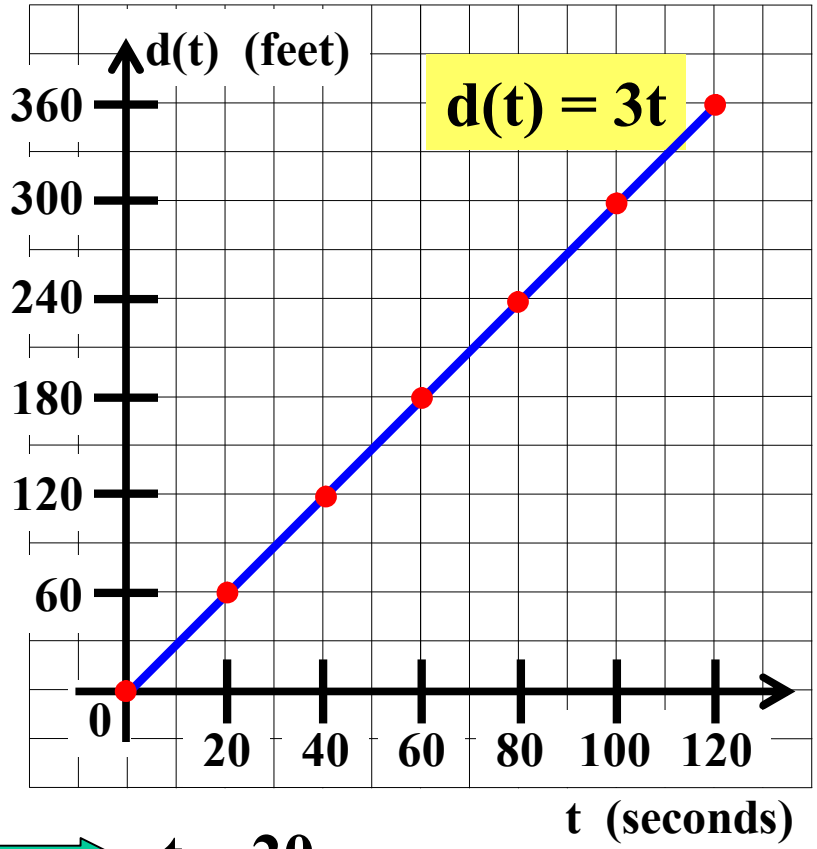
domain

$0 \le t \le 120$

range

$0 \le d(t) \le 360$

2. Graph function d.



If d(t) = 60, then find the value of t.

$d(t) = 60 \rightarrow t = 20$

Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

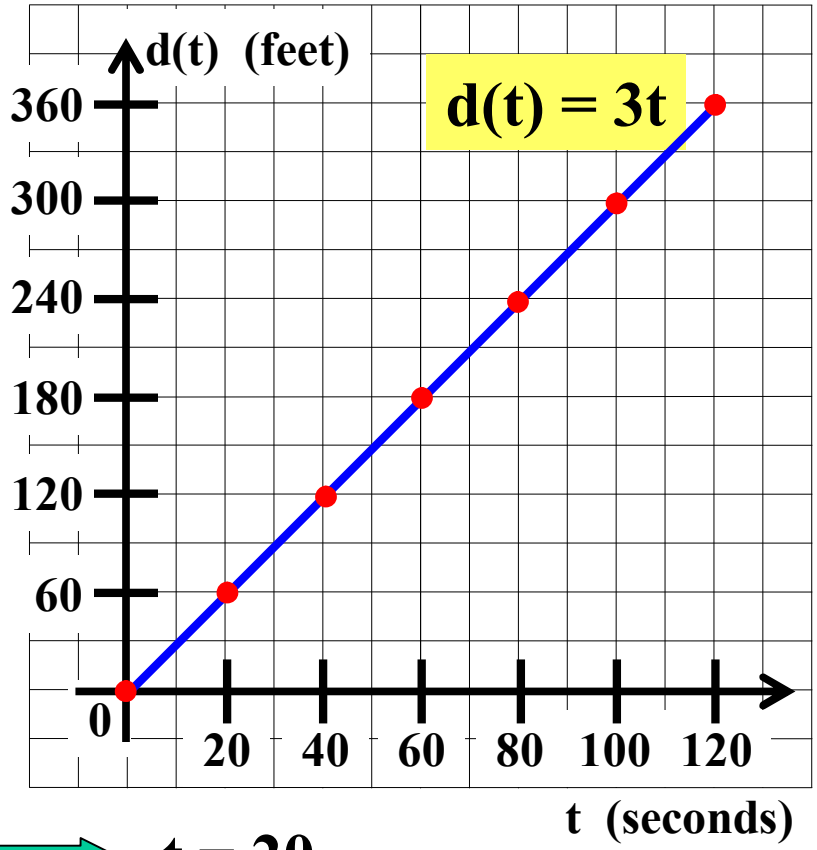
domain

$0 \le t \le 120$

range

$0 \le d(t) \le 360$

2. Graph function d.



If d(t) = 60, then find the value of t.

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

$d(t) = 60 \rightarrow t = 20$

Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

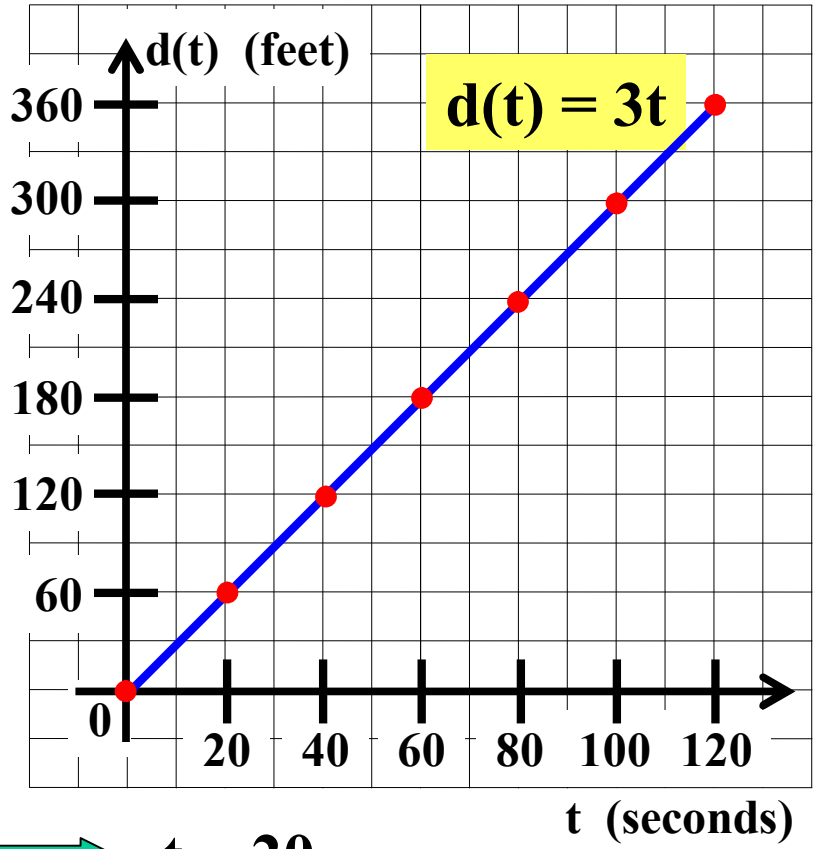
domain

$0 \le t \le 120$

range

$0 \le d(t) \le 360$

2. Graph function d.



If d(t) = 60, then find the value of t.

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

$d(t) = 60 \rightarrow t = 20$

This represents the time it took John to walk 60 feet.

Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

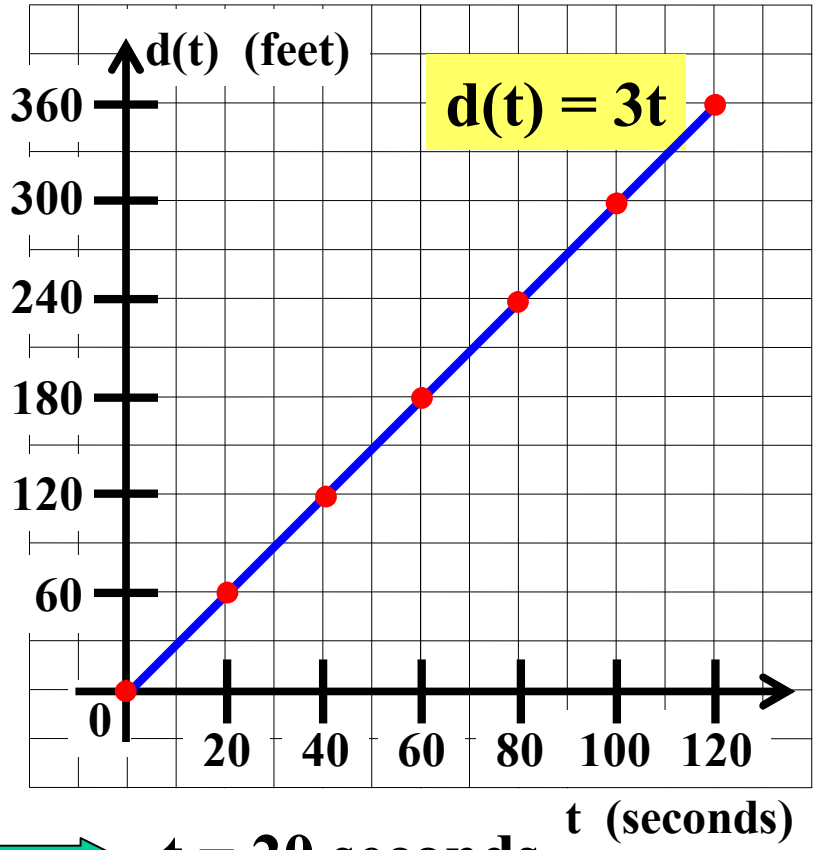
domain

$0 \le t \le 120$

range

$0 \le d(t) \le 360$

2. Graph function d.



If d(t) = 60, then find the value of t.

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

d(t) = 60 → t = 20 seconds

This represents the time it took John to walk 60 feet.

Algebra I Class Worksheet #3 Unit 8

John walks for 2 minutes at a constant speed of 3 feet per second. Let t represent his walking time (in seconds) and d(t) represent the distance he has walked (in feet).

1. Make a table giving t and d(t) every 20 seconds from t = 0 to t = 120.

t	d(t)
0	0
20	60
40	120
60	180
80	240
100	300
120	360

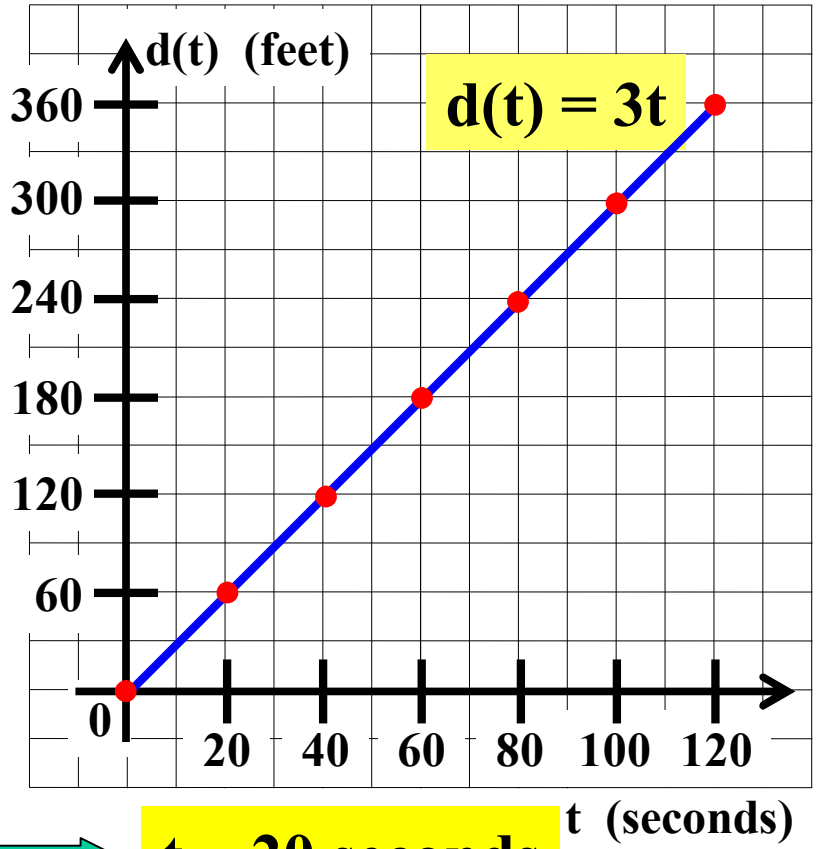
domain

$0 \le t \le 120$

range

$0 \le d(t) \le 360$

2. Graph function d.



If d(t) = 60, then find the value of t. What does this value of t represent in terms of the problem?

$d(t) = 60 \rightarrow t = 20$ seconds

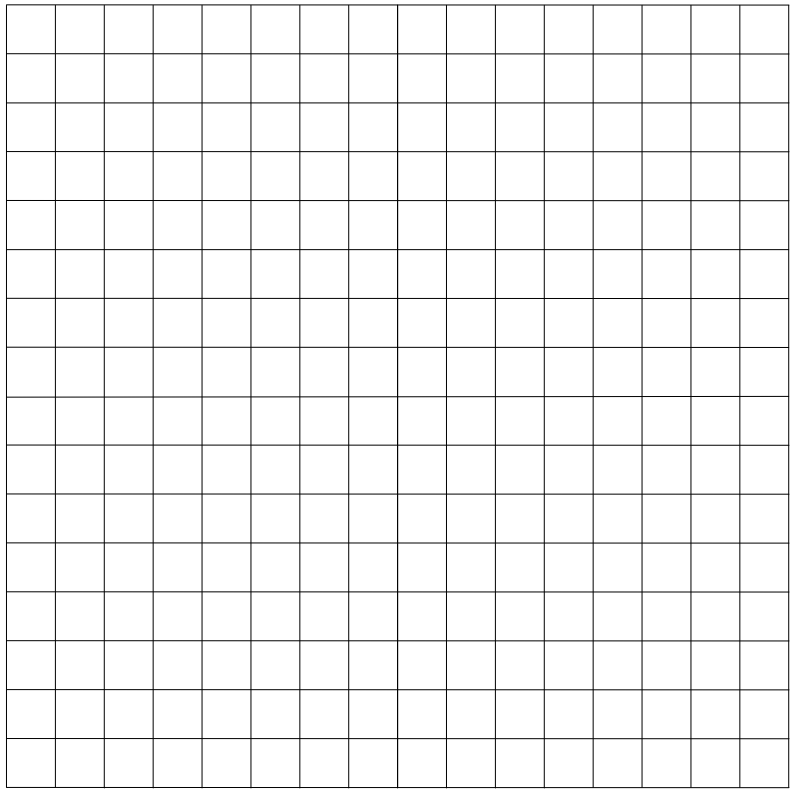
This represents the time it took John to walk 60 feet.

Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

9. Graph function D.

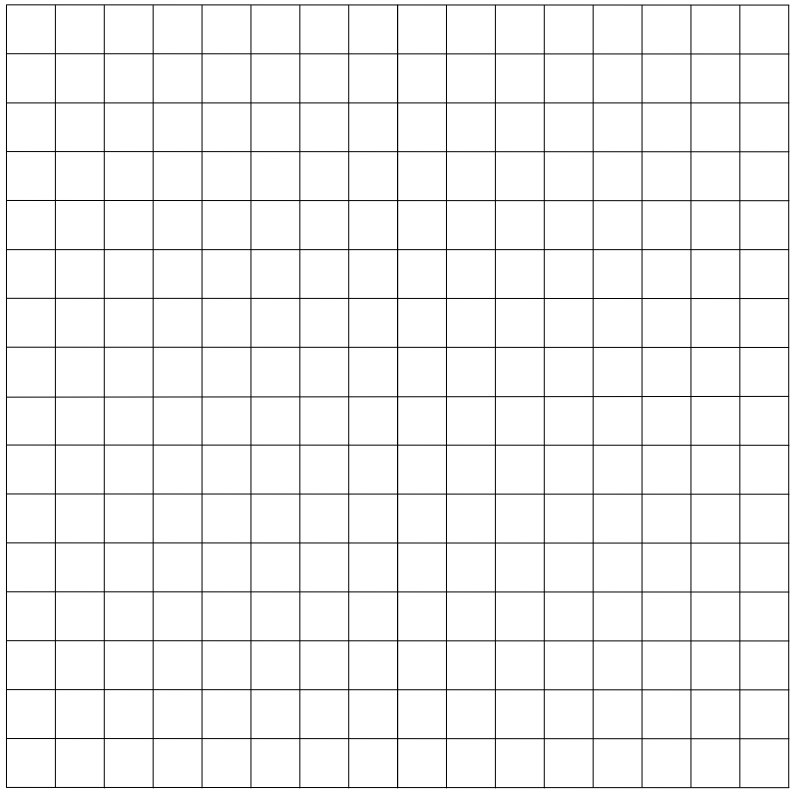


Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

9. Graph function D.



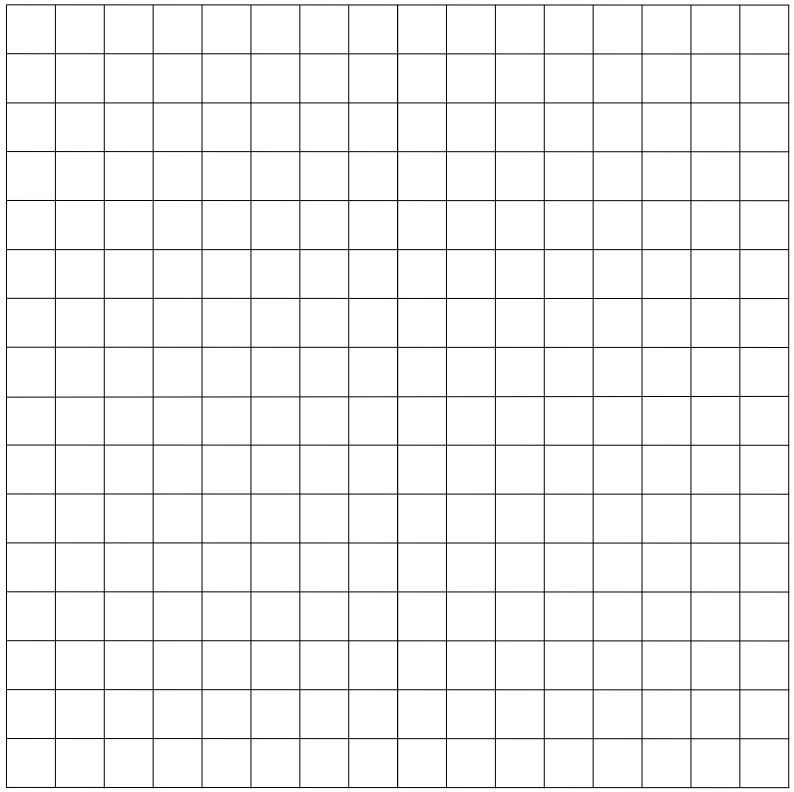
Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)

9. Graph function D.



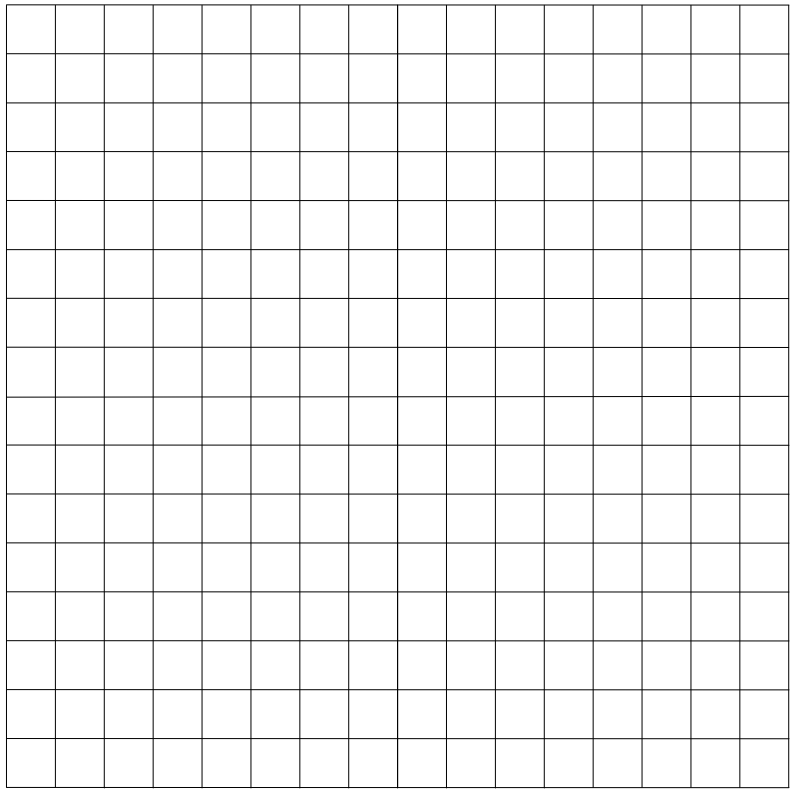
Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	
.5	
1	
1.5	
2	
2.5	
3	

9. Graph function D.



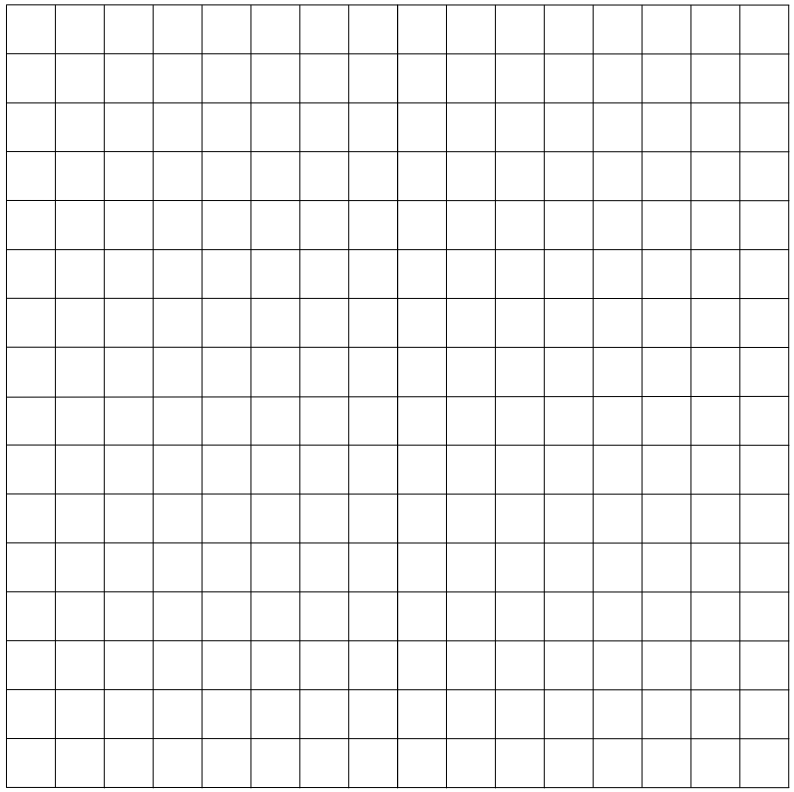
Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	
1	
1.5	
2	
2.5	
3	

9. Graph function D.



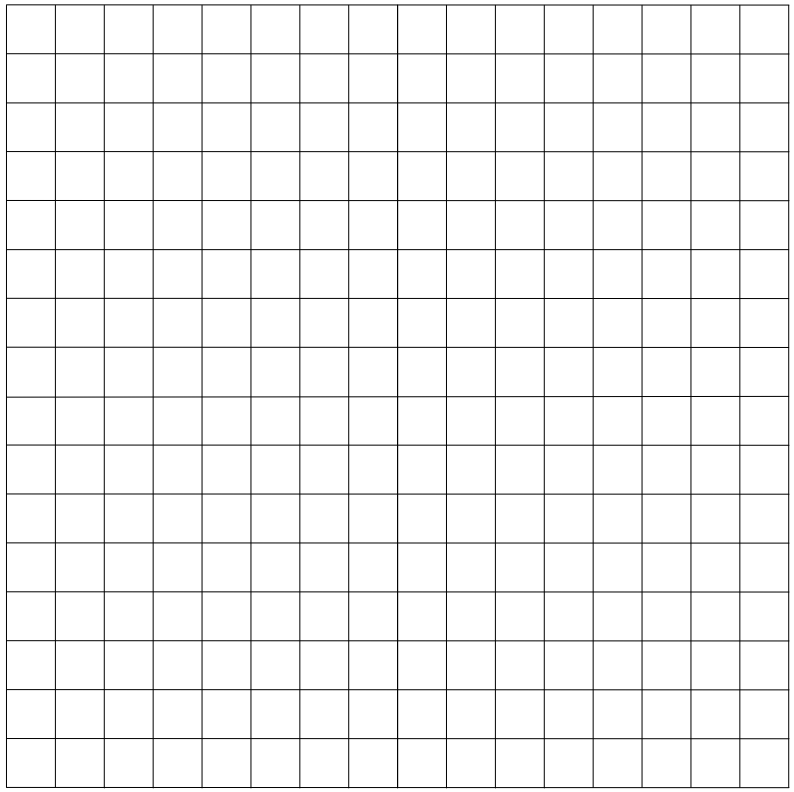
Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	
1.5	
2	
2.5	
3	

9. Graph function D.



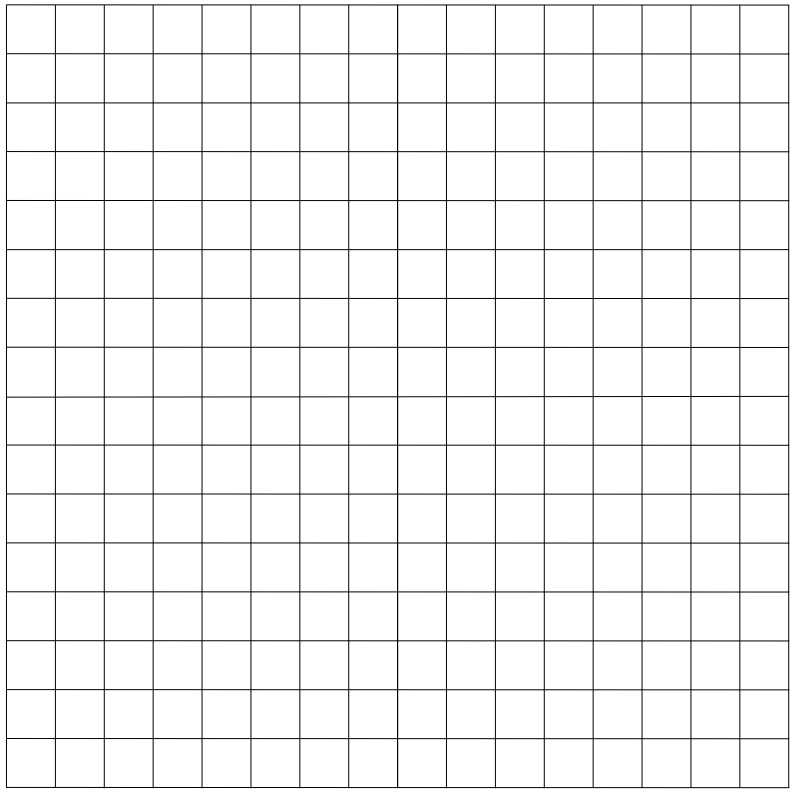
Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	
2	
2.5	
3	

9. Graph function D.



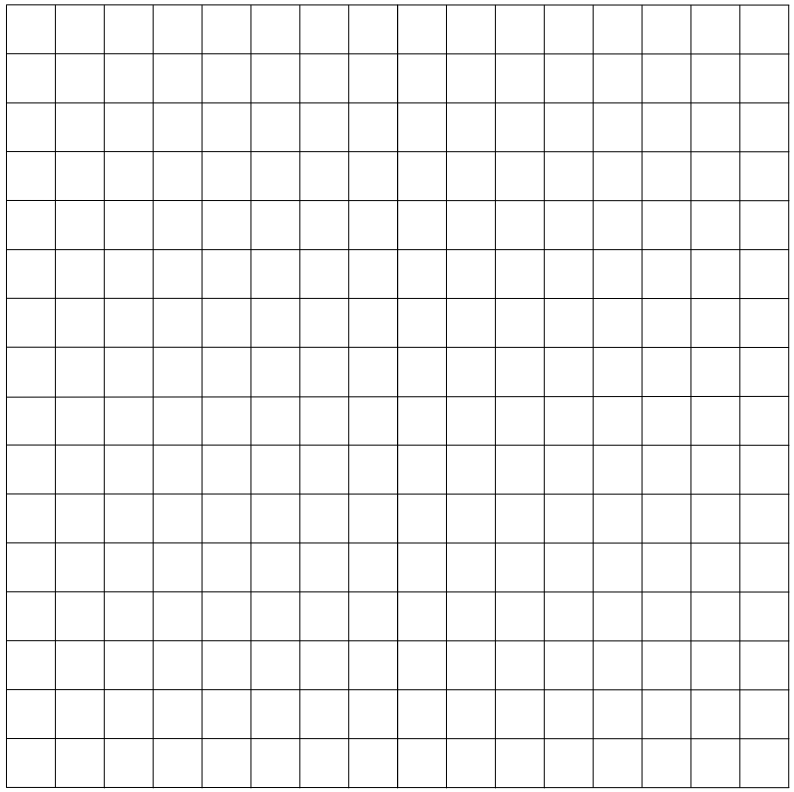
Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	
2.5	
3	

9. Graph function D.



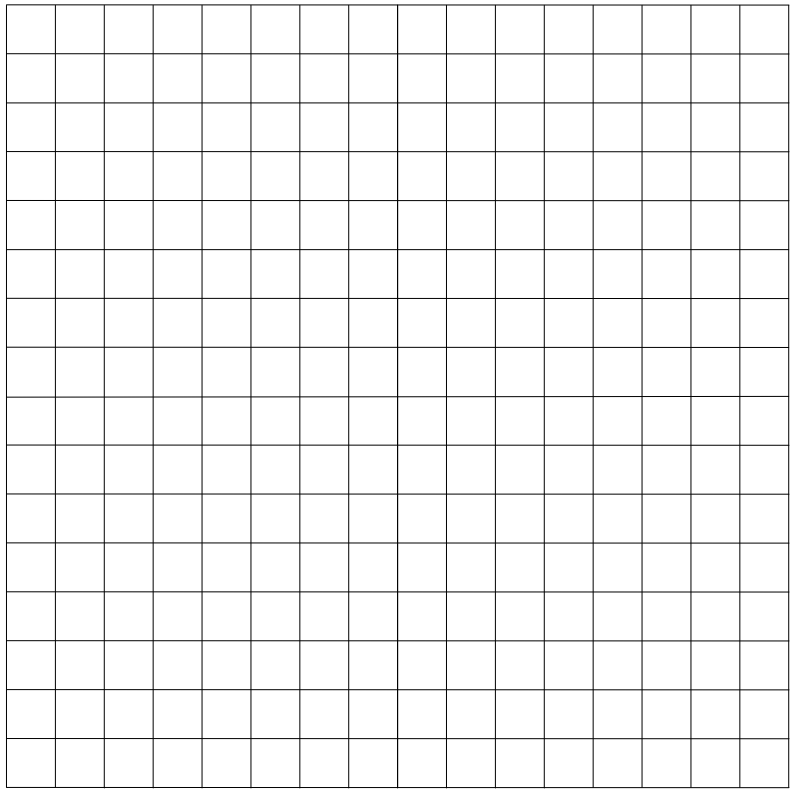
Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	
3	

9. Graph function D.



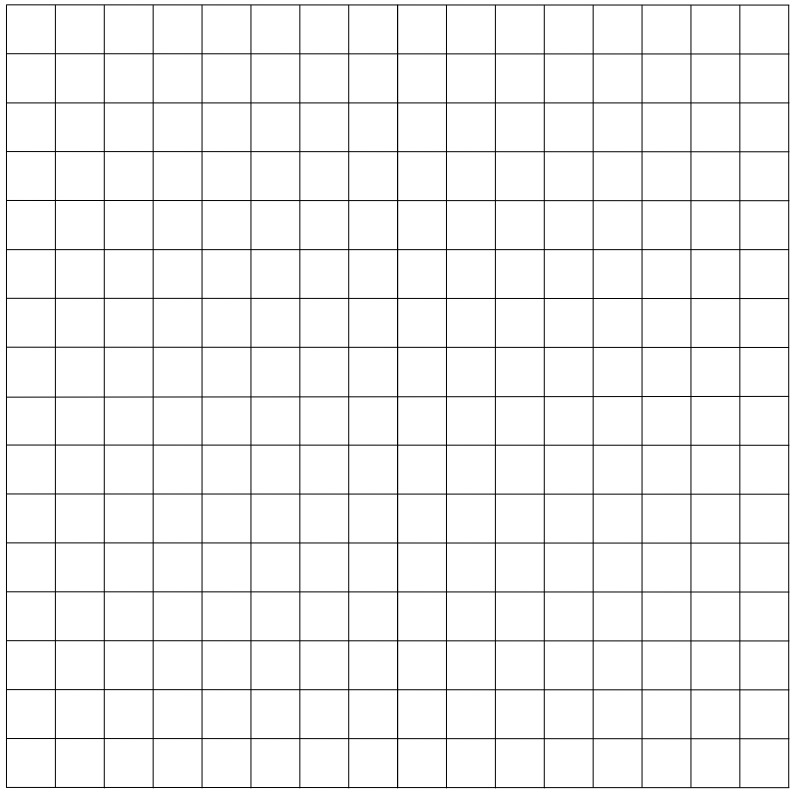
Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	

9. Graph function D.



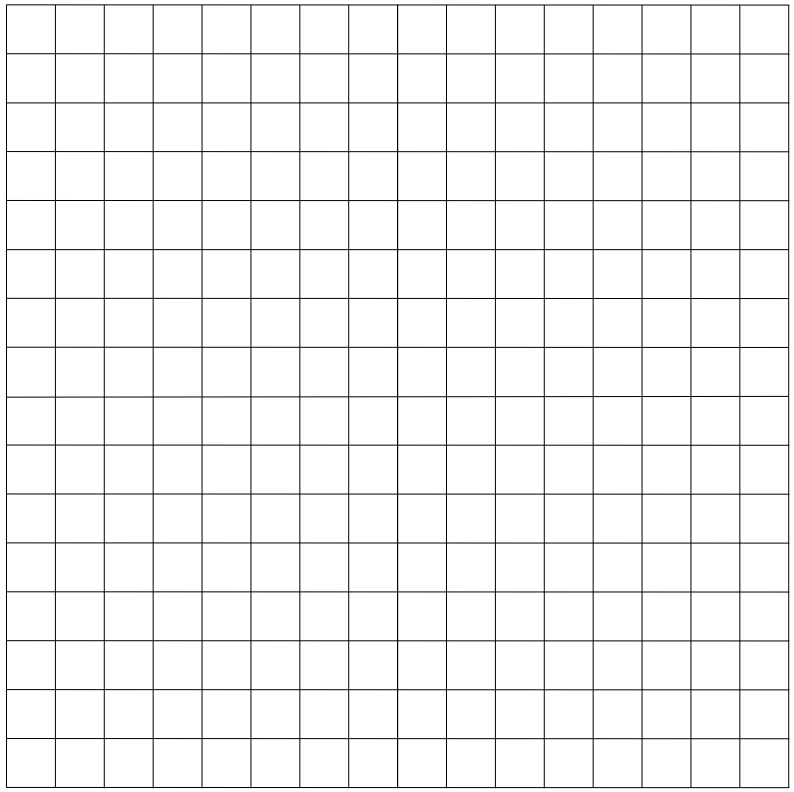
Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

9. Graph function D.



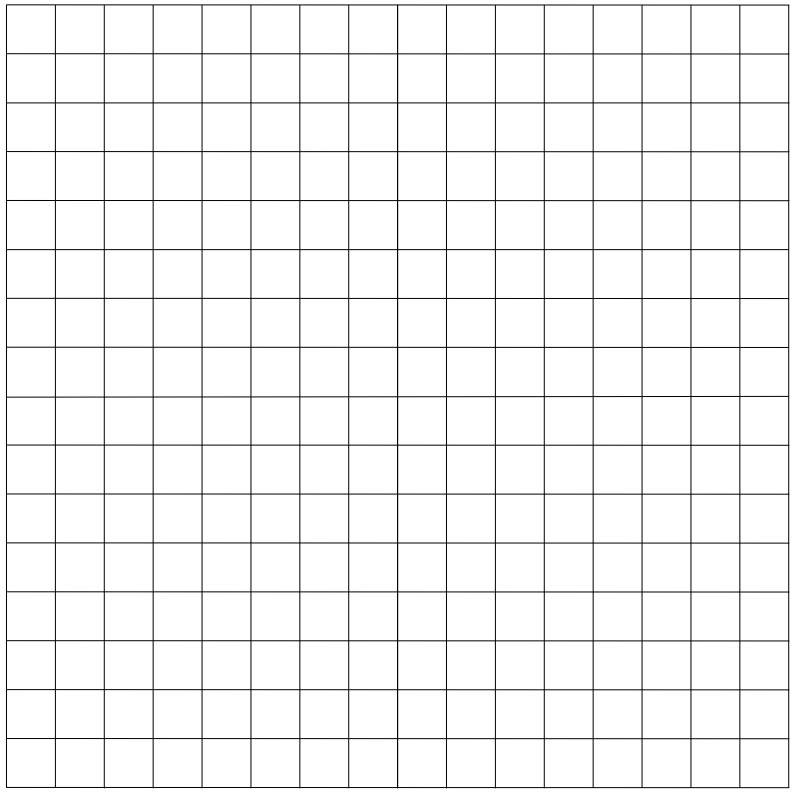
Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

9. Graph function D.



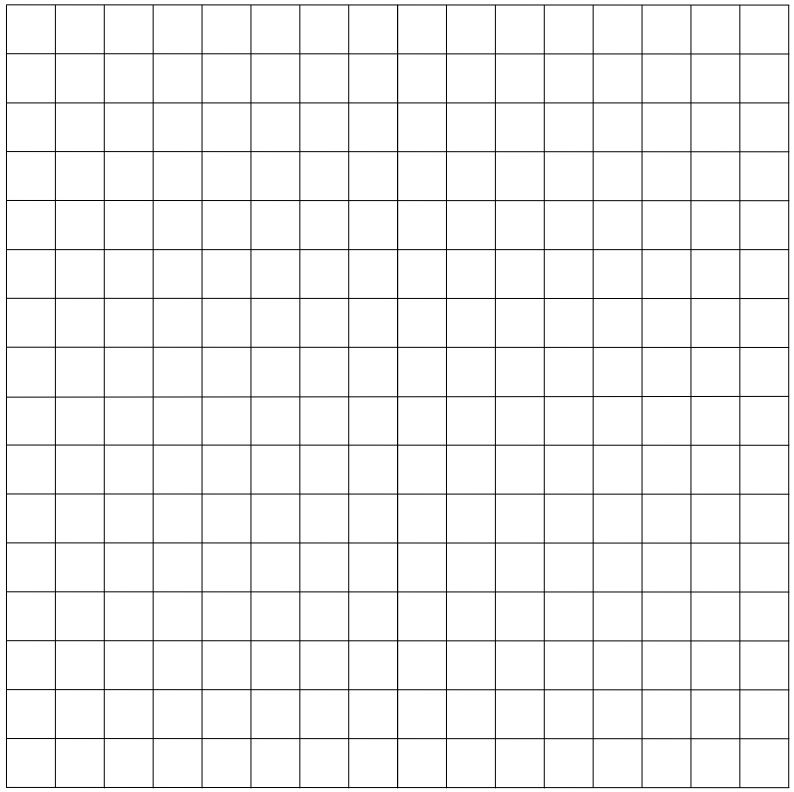
Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

9. Graph function D.



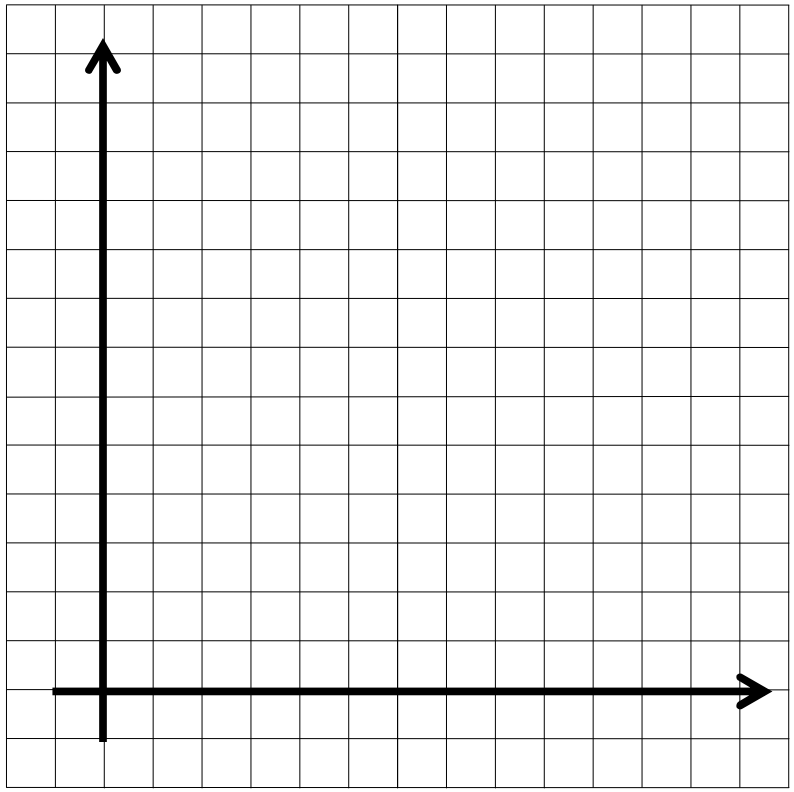
Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

9. Graph function D.



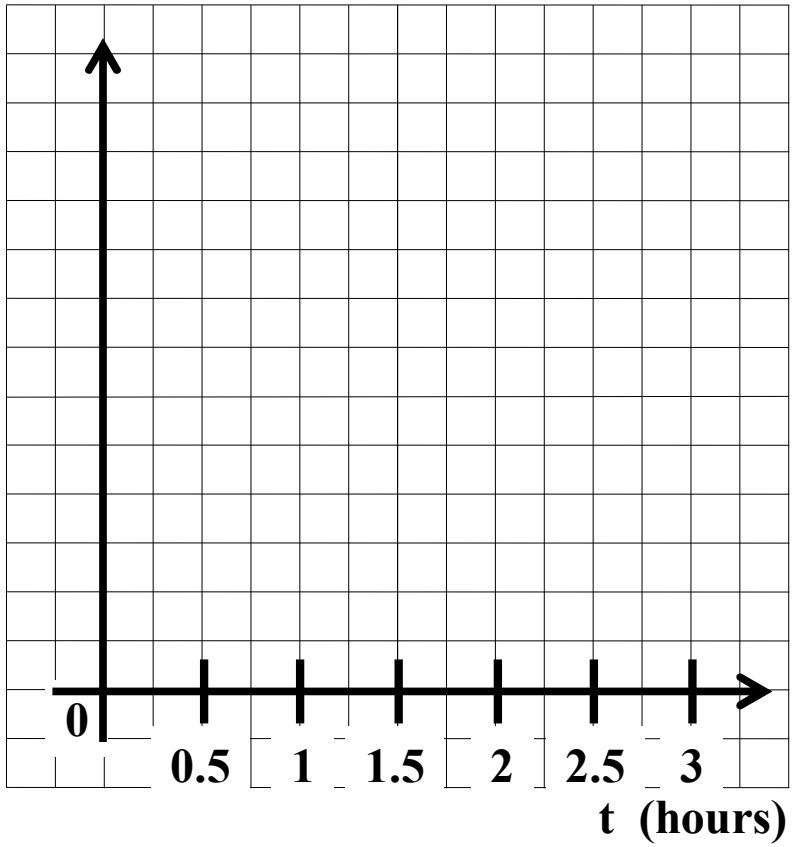
Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

9. Graph function D.



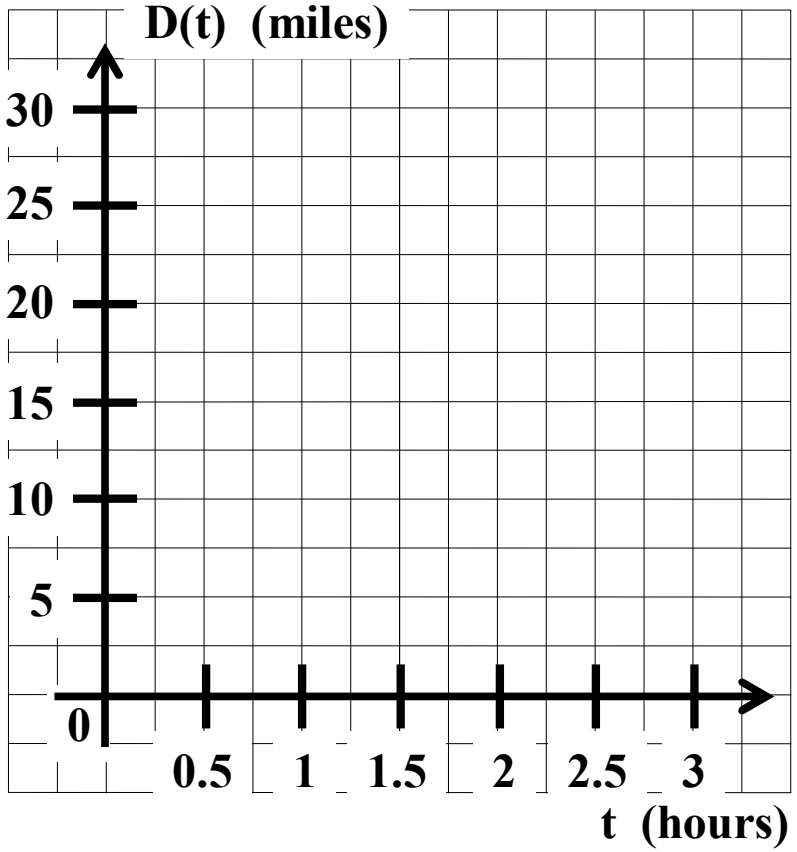
Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

9. Graph function D.



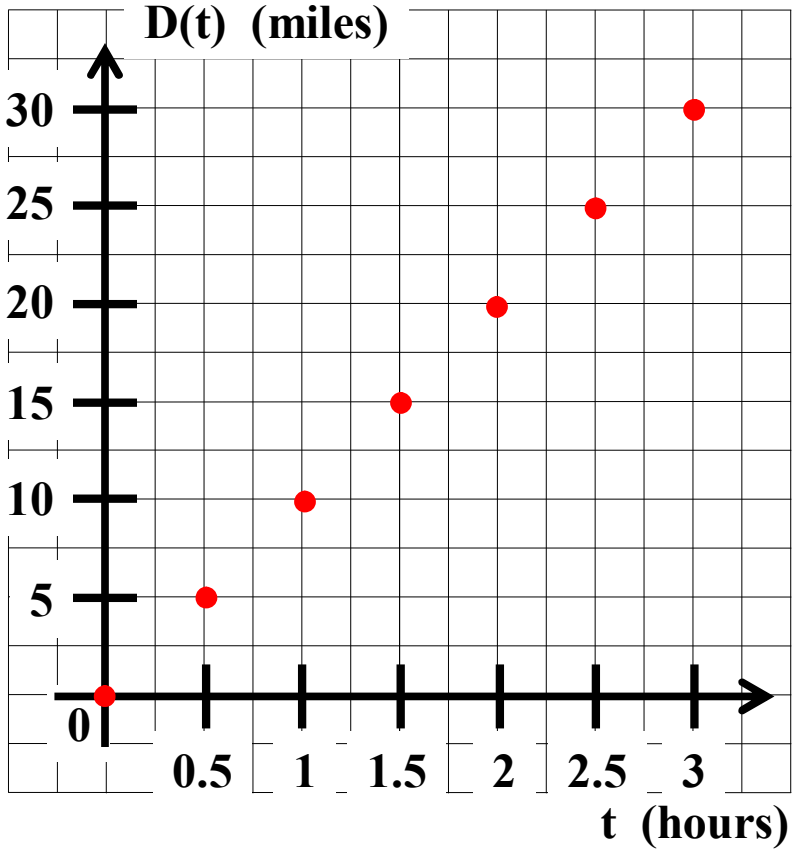
Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

9. Graph function D.



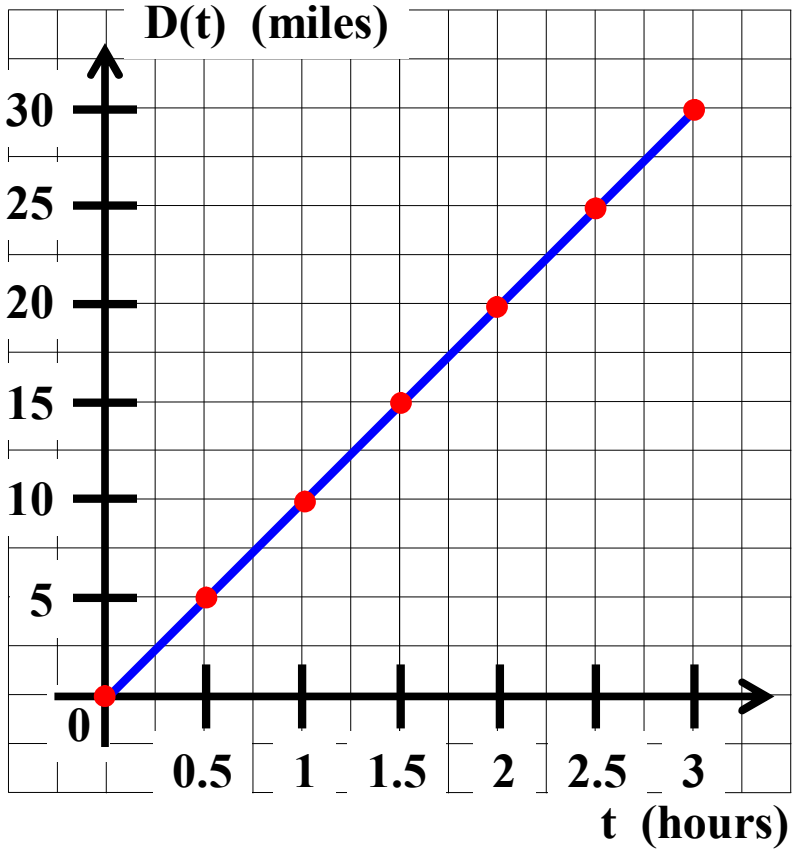
Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

9. Graph function D.



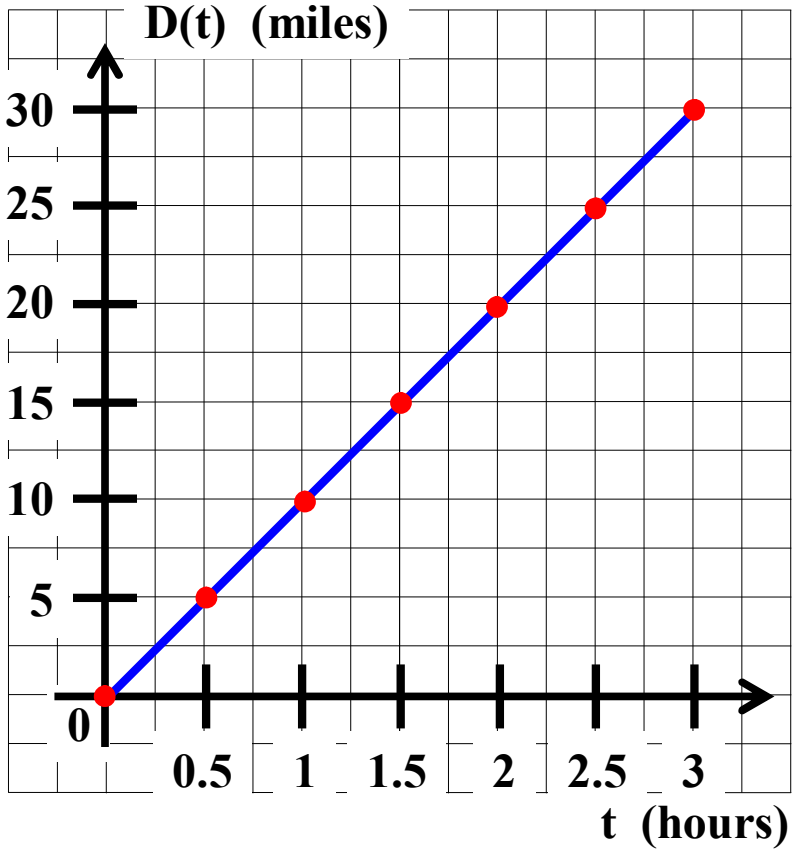
Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

9. Graph function D.



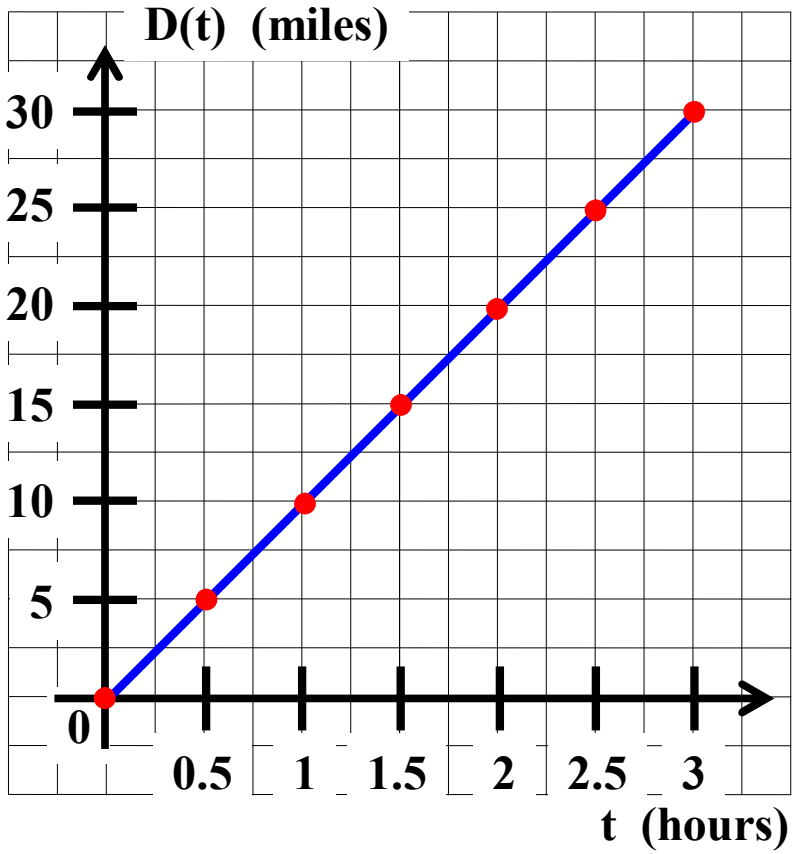
Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

9. Graph function D.



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

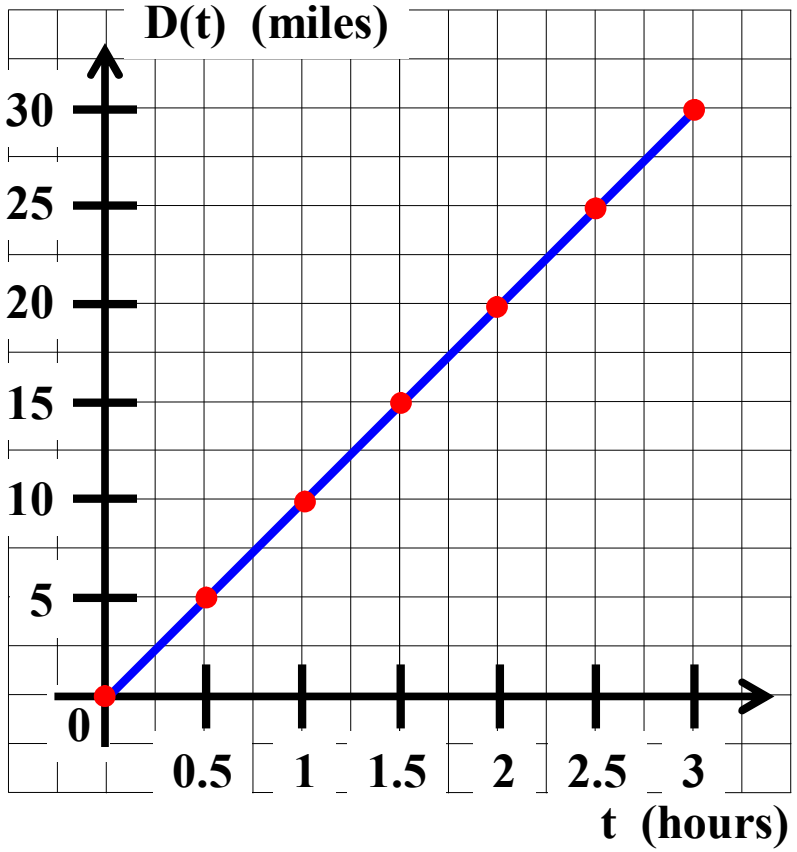
Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

9. Graph function D.



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

D(t)

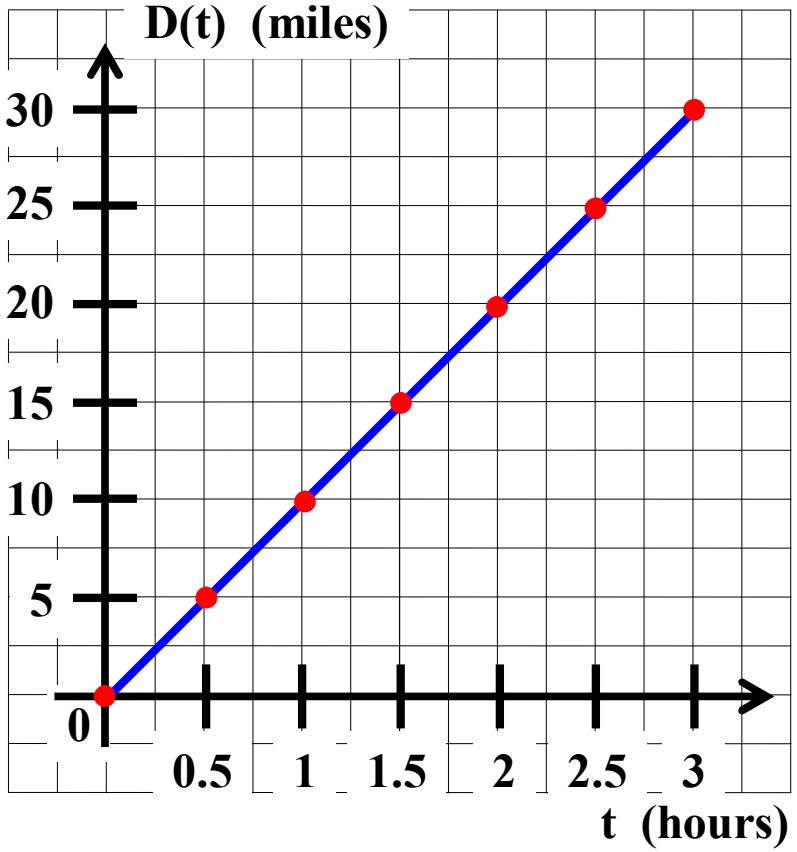
Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

9. Graph function D.



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

D(t) =

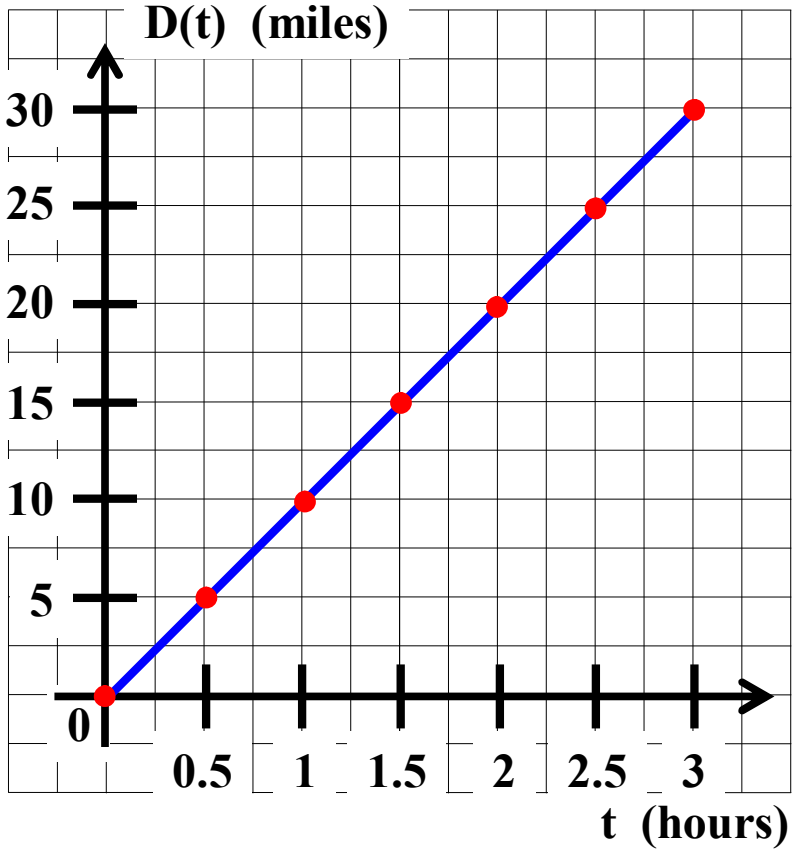
Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

9. Graph function D.



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

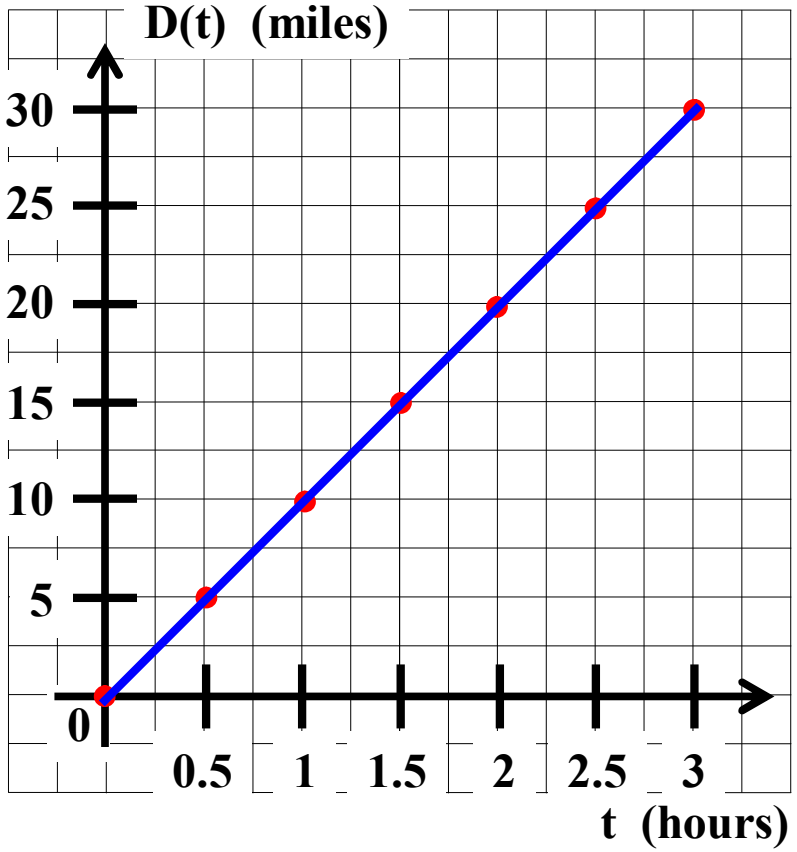
Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

9. Graph function D.



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

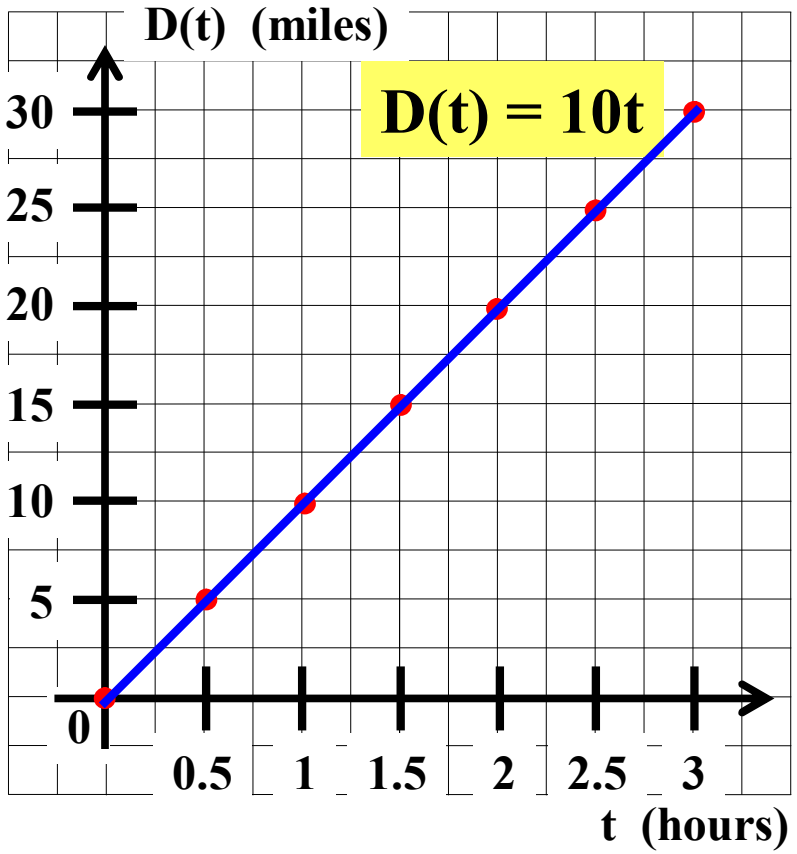
Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

9. Graph function D.



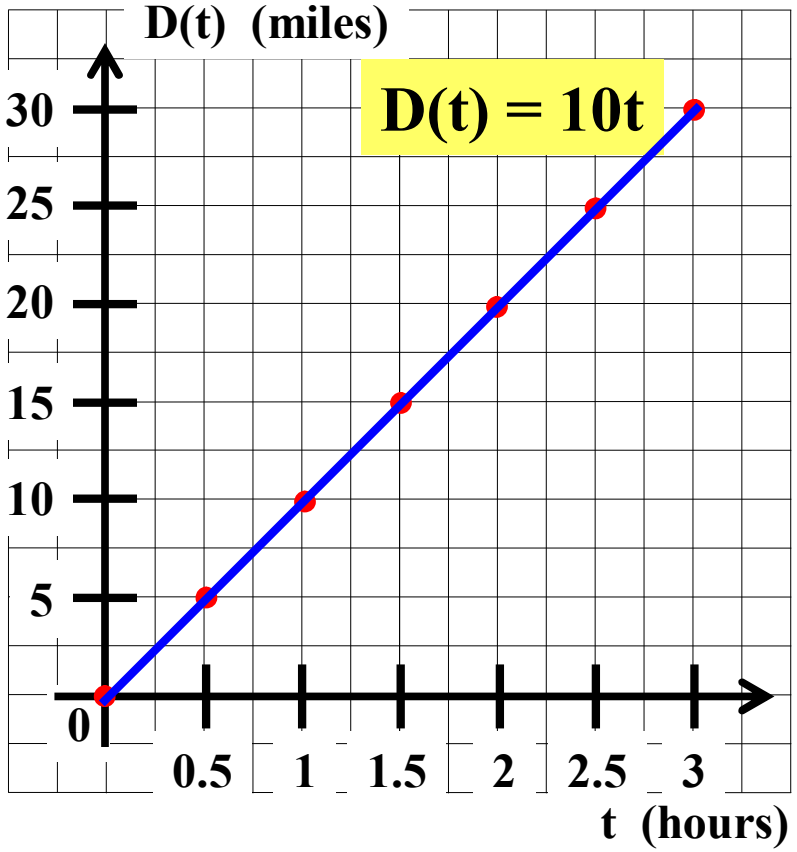
Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

9. Graph function D.



11. Write an inequality to describe the domain of function D.

_____

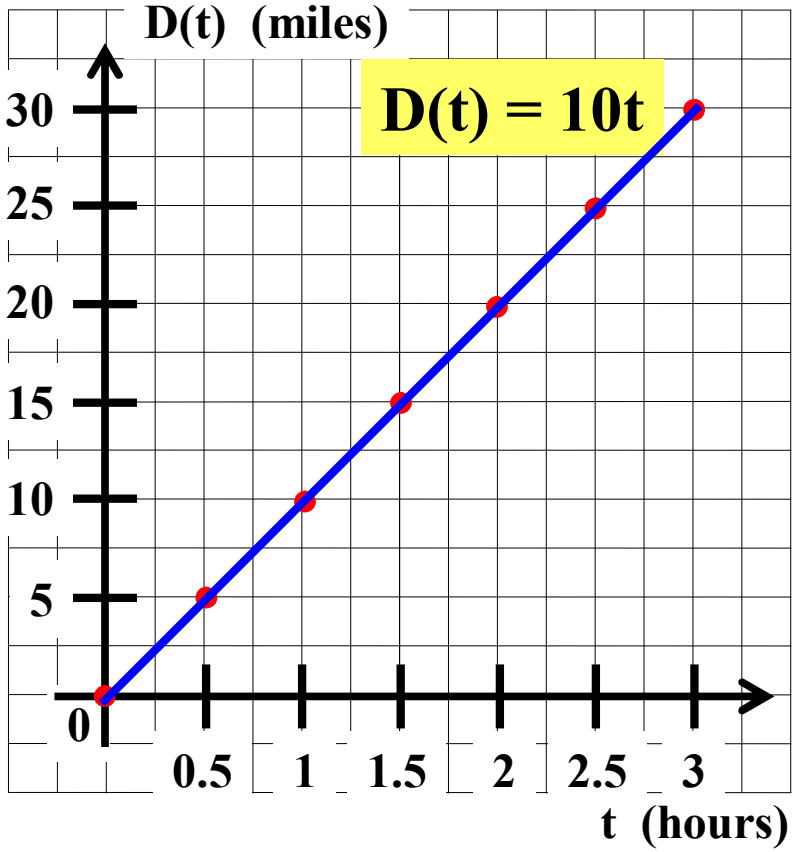
Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

9. Graph function D.



11. Write an inequality to describe the domain of function D.

$0 \leq t$

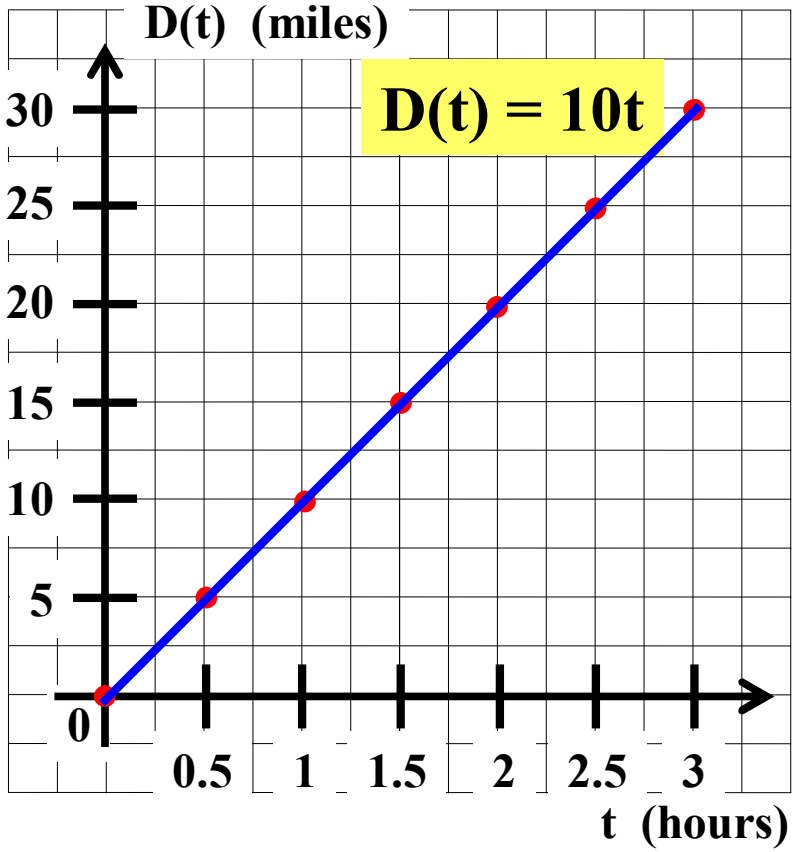
Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

9. Graph function D.



11. Write an inequality to describe the domain of function D.

$0 \leq t \leq 3$

Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

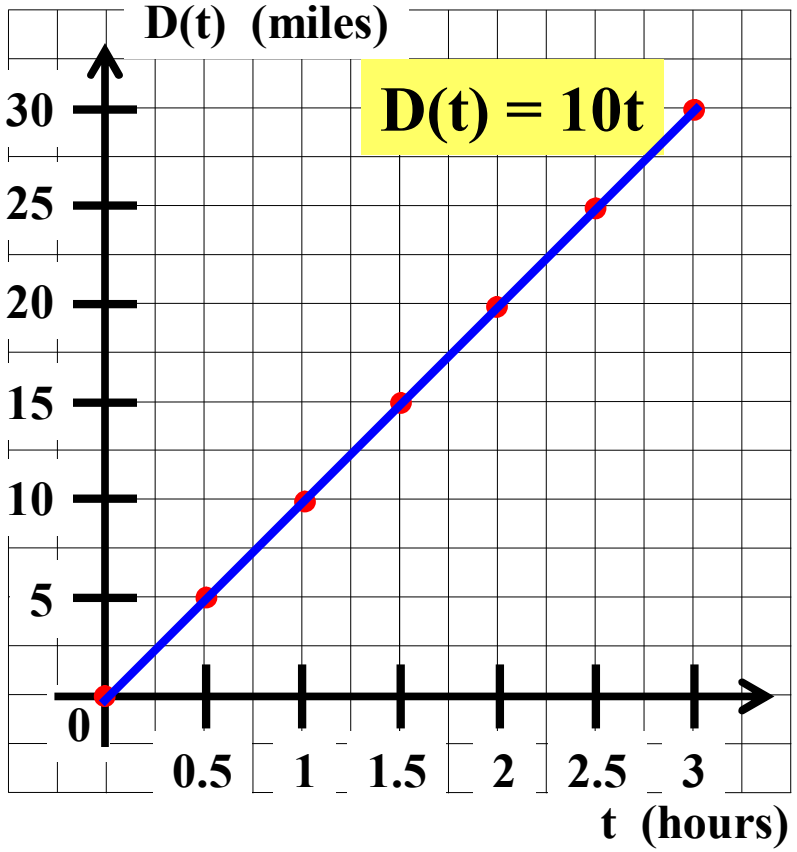
8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

domain

$0 \leq t \leq 3$

9. Graph function D.



11. Write an inequality to describe the domain of function D.

$0 \leq t \leq 3$

Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

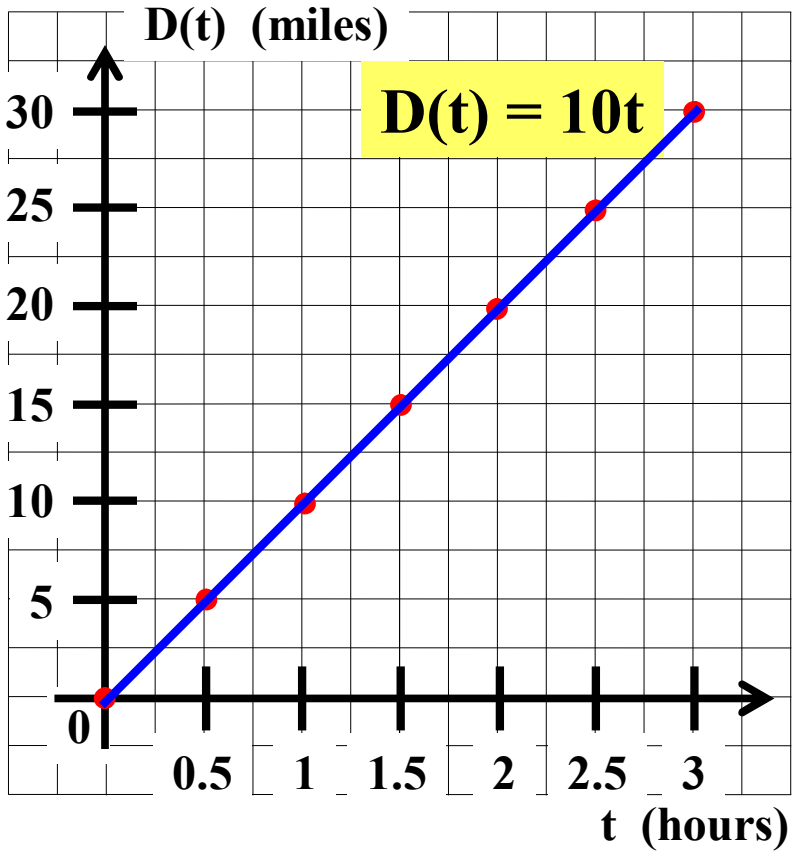
8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

domain

$0 \le t \le 3$

9. Graph function D.



Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

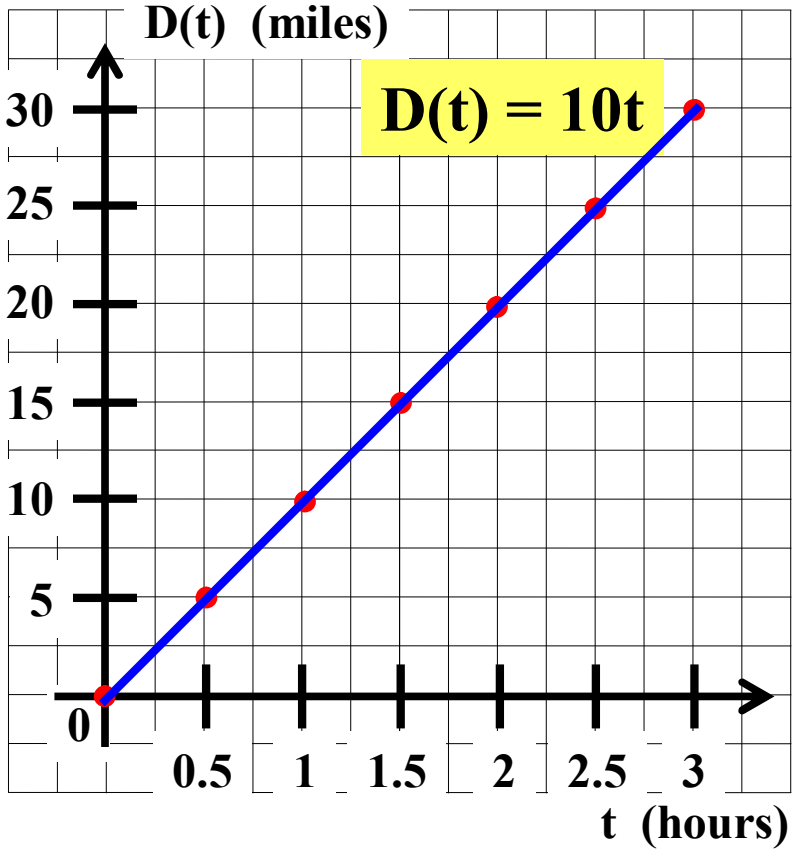
8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

domain

$0 \leq t \leq 3$

9. Graph function D.



12. Write an inequality to describe the range of function D.

_____

Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

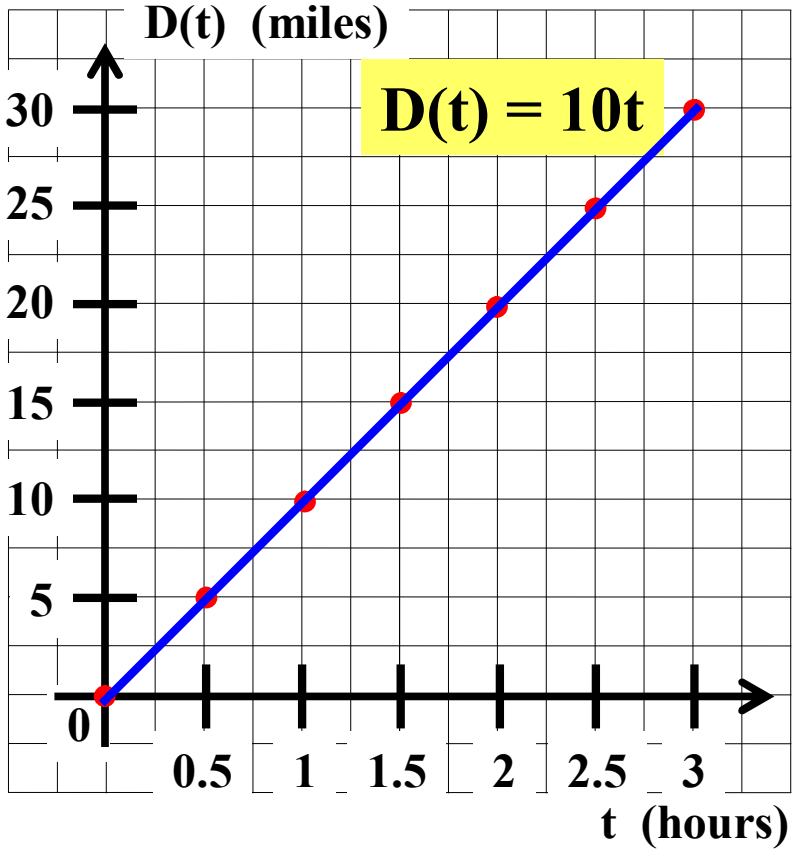
8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

domain

$0 \leq t \leq 3$

9. Graph function D.



12. Write an inequality to describe the range of function D.

$0 \leq D(t)$

Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

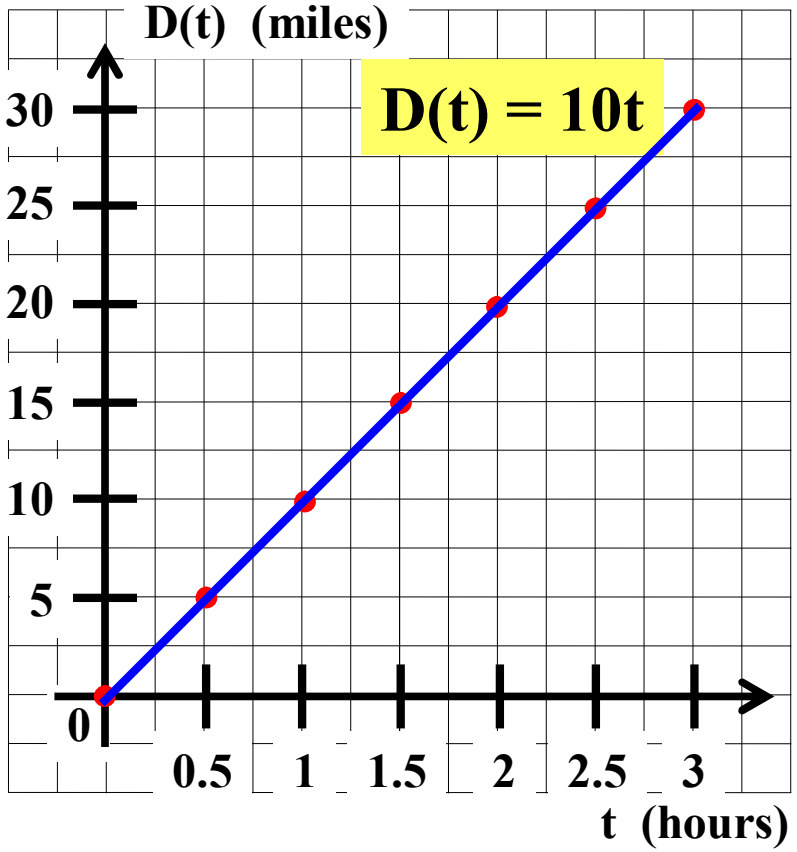
8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

domain

$0 \le t \le 3$

9. Graph function D.



12. Write an inequality to describe the range of function D.

$0 \le D(t) \le 30$

Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

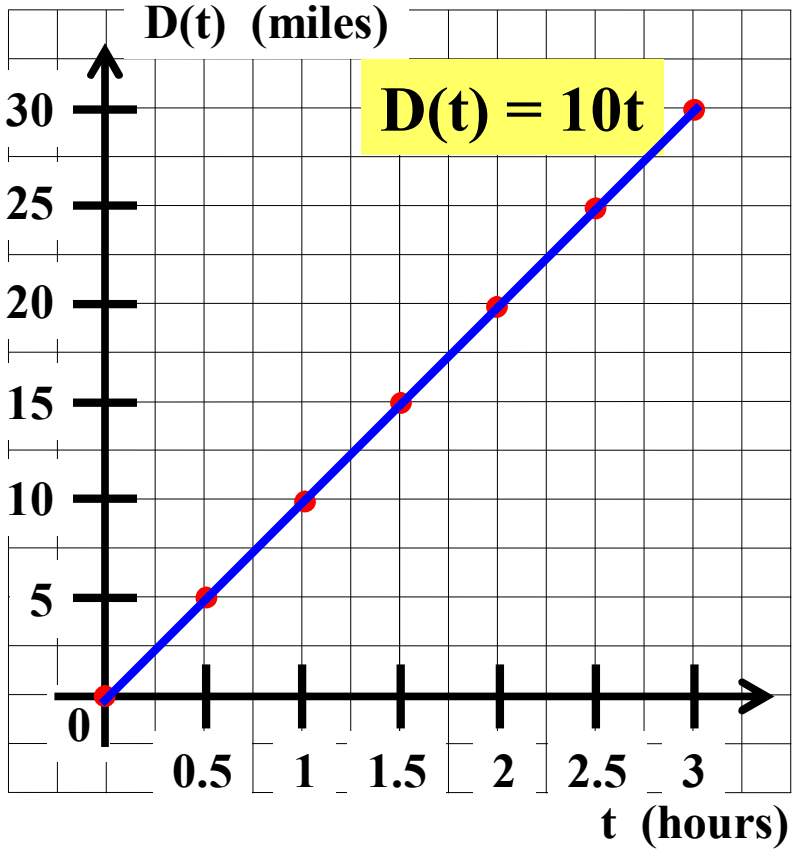
domain

$0 \leq t \leq 3$

range

$0 \leq D(t) \leq 30$

9. Graph function D.



12. Write an inequality to describe the range of function D.

$0 \leq D(t) \leq 30$

Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

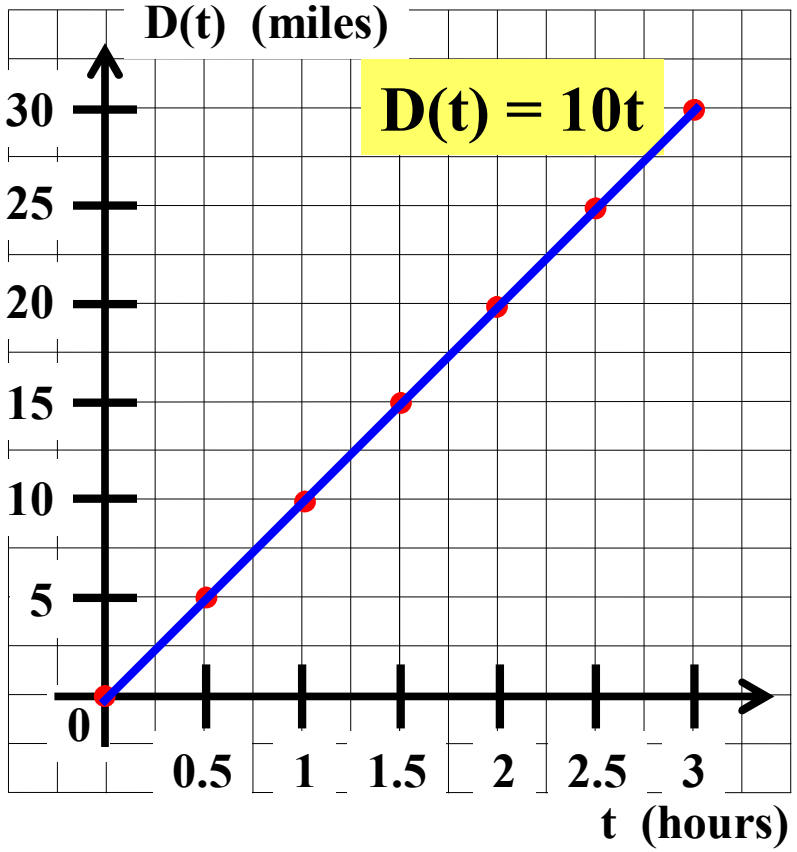
domain

$0 \le t \le 3$

range

$0 \le D(t) \le 30$

9. Graph function D.



Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

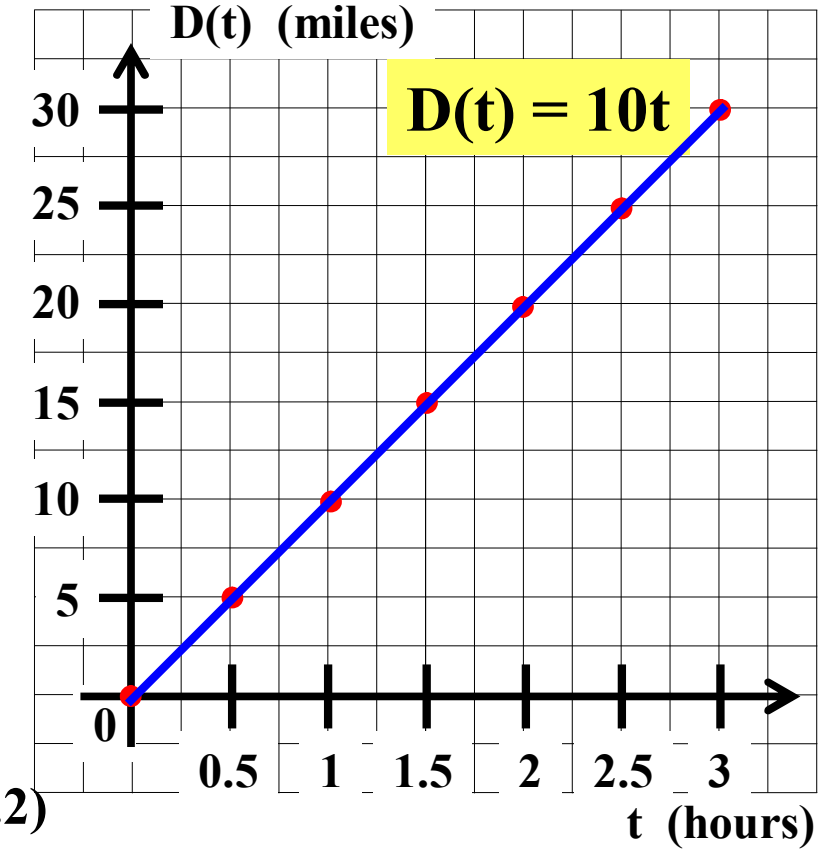
domain

$0 \le t \le 3$

range

$0 \le D(t) \le 30$

9. Graph function D.



13. Evaluate D(1.2). What does D(1.2) represent in terms of the problem?

Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

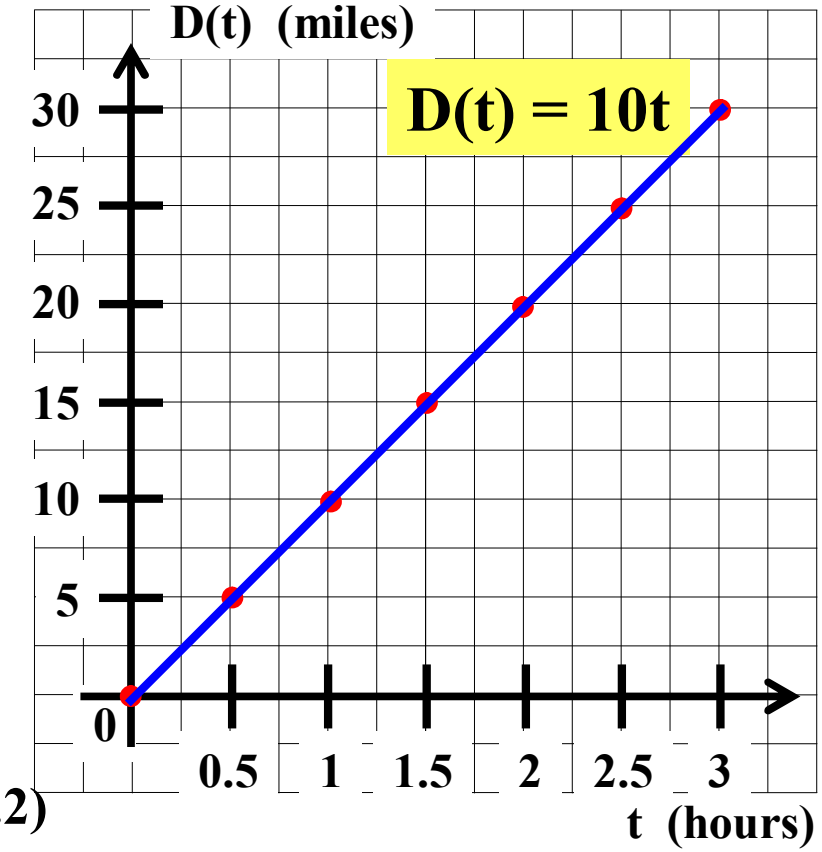
domain

$0 \le t \le 3$

range

$0 \le D(t) \le 30$

9. Graph function D.



13. Evaluate D(1.2). What does D(1.2) represent in terms of the problem?

Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

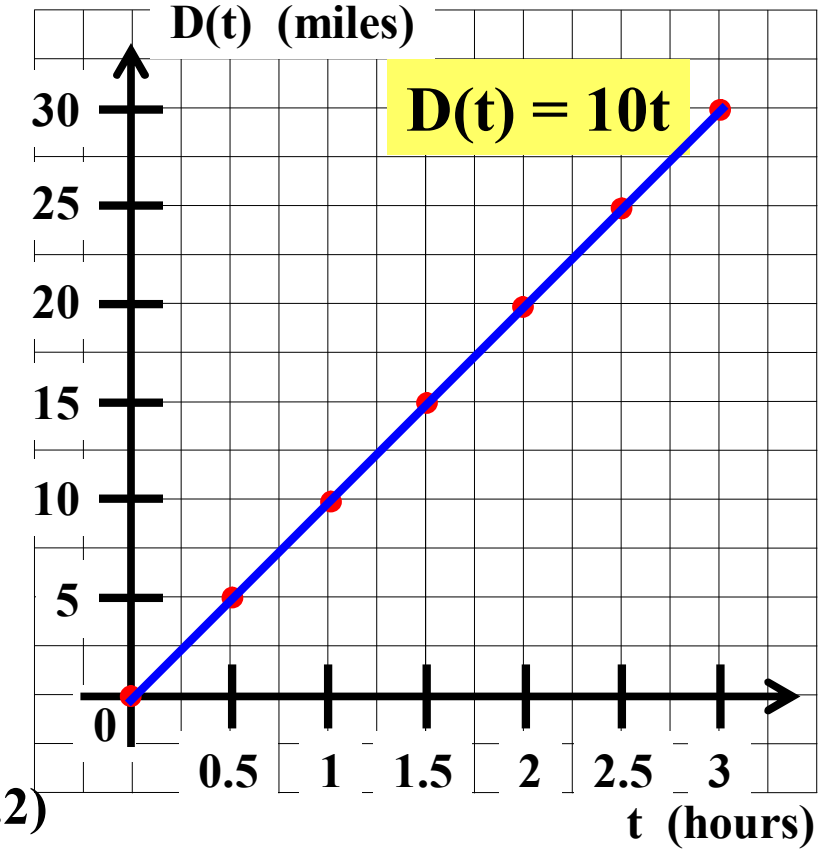
domain

$0 \le t \le 3$

range

$0 \le D(t) \le 30$

9. Graph function D.



13. Evaluate D(1.2). What does D(1.2) represent in terms of the problem?

D(1.2) =

Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

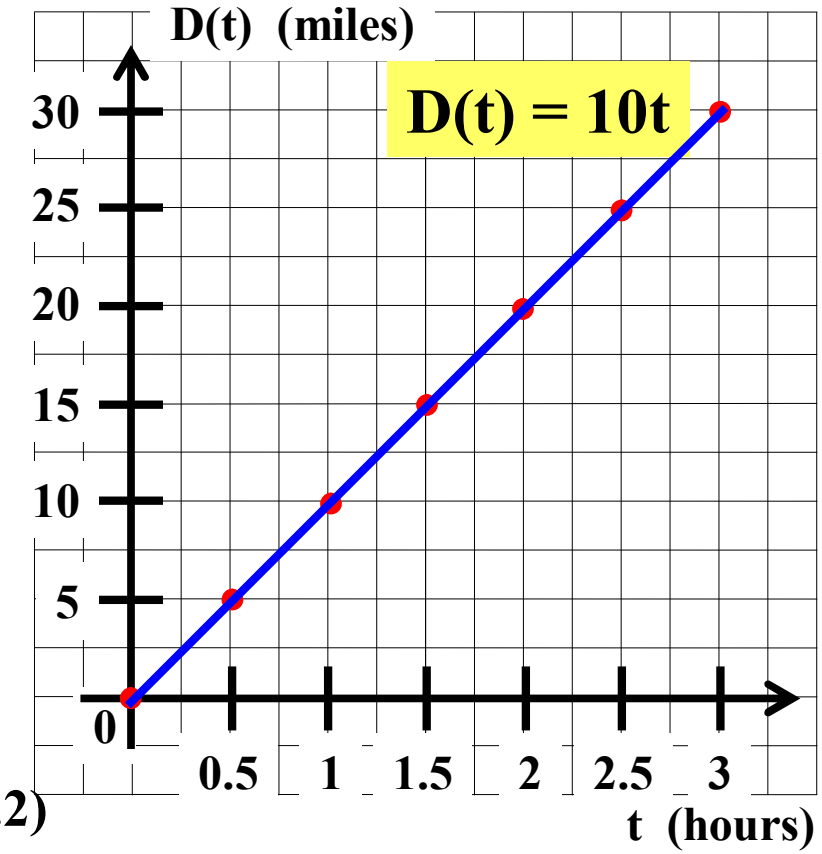
domain

$0 \le t \le 3$

range

$0 \le D(t) \le 30$

9. Graph function D.



13. Evaluate D(1.2). What does D(1.2) represent in terms of the problem?

D(1.2) =

D(1.2) = 10(1.2)

Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

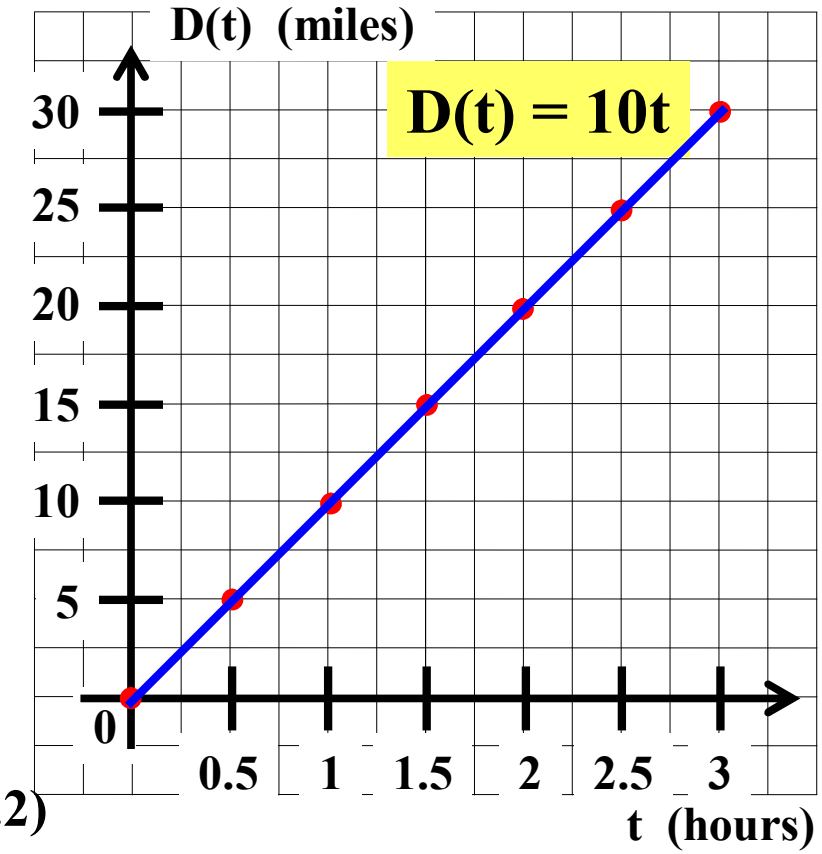
domain

$0 \le t \le 3$

range

$0 \le D(t) \le 30$

9. Graph function D.



13. Evaluate D(1.2). What does D(1.2) represent in terms of the problem?

$D(1.2) = 12$

$D(1.2) = 10(1.2)$

Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

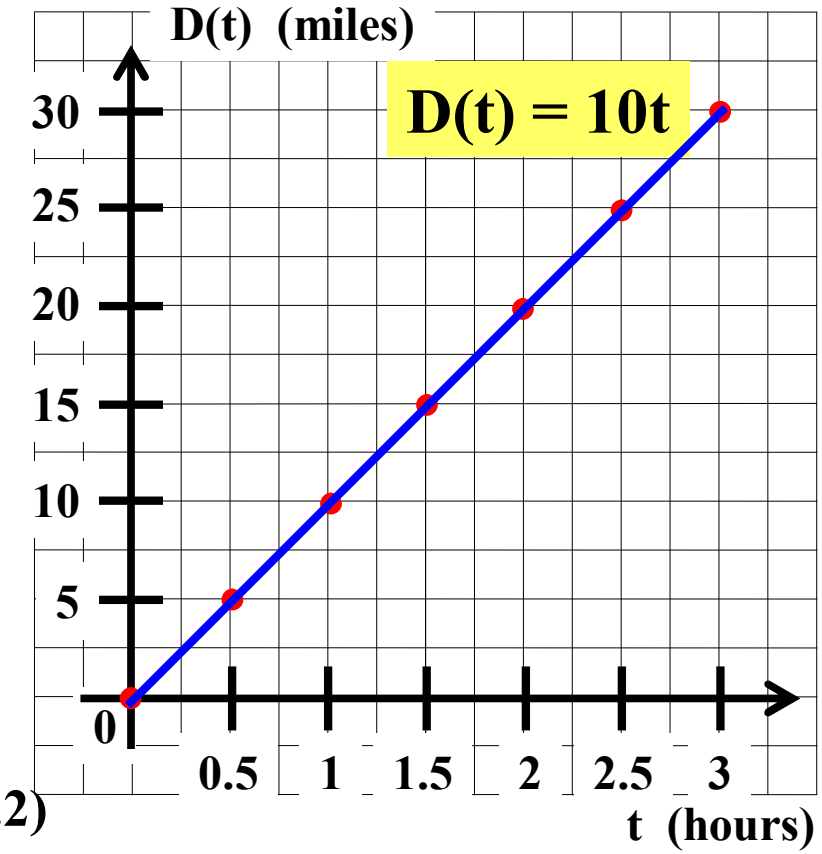
domain

$0 \le t \le 3$

range

$0 \le D(t) \le 30$

9. Graph function D.



13. Evaluate D(1.2). What does D(1.2) represent in terms of the problem?

D(1.2) = 12

Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

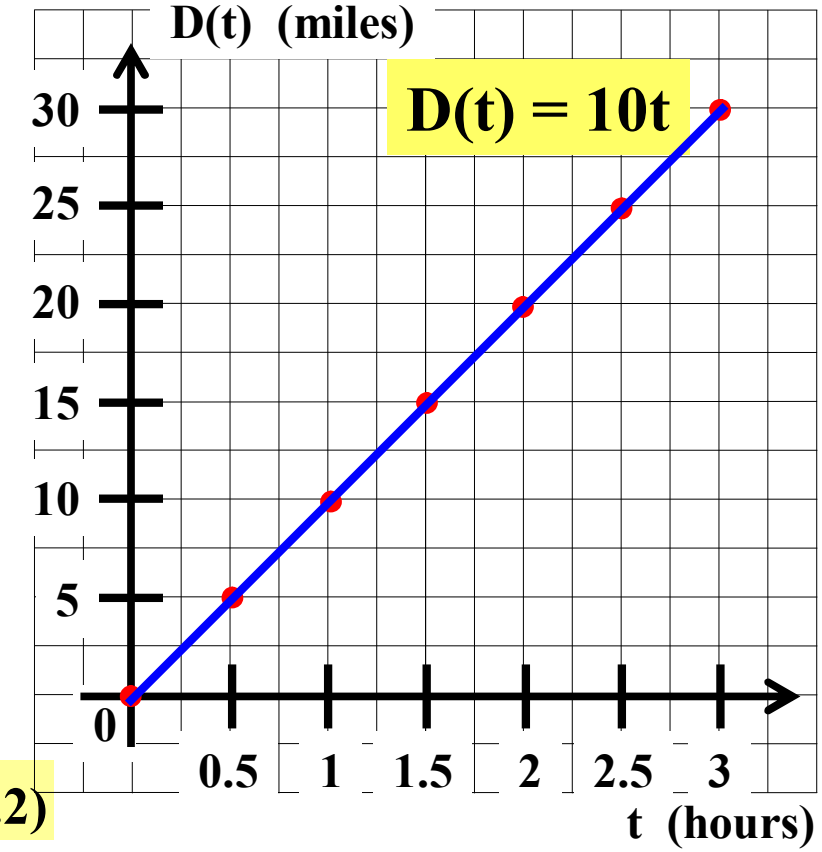
domain

$0 \le t \le 3$

range

$0 \le D(t) \le 30$

9. Graph function D.



13. Evaluate D(1.2). What does D(1.2) represent in terms of the problem?

$D(1.2) = 12$

Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

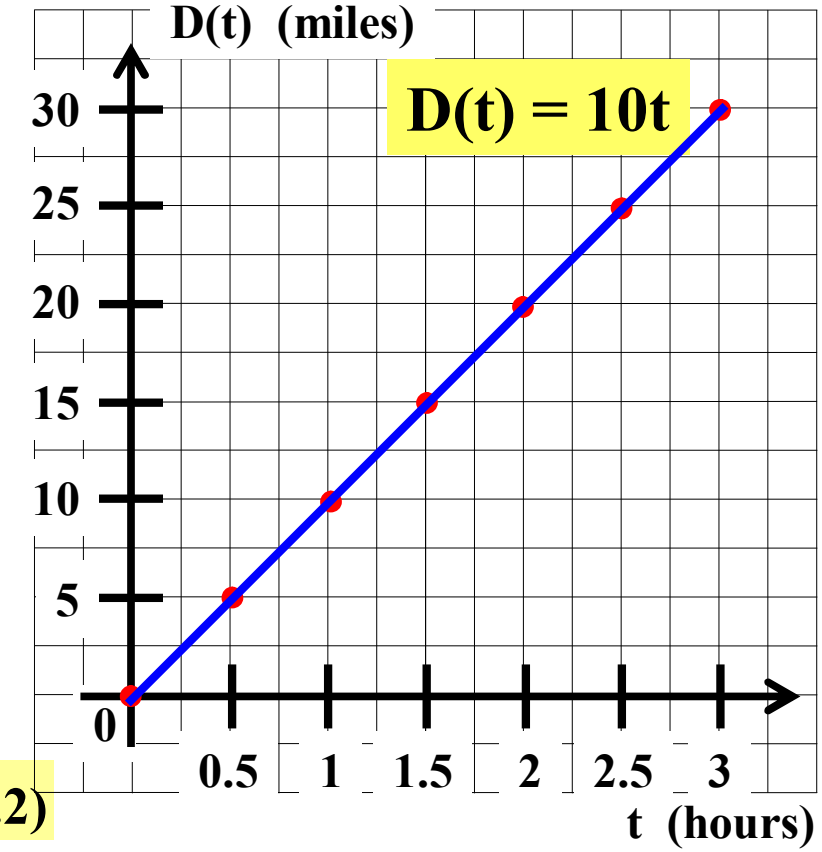
domain

$0 \le t \le 3$

range

$0 \le D(t) \le 30$

9. Graph function D.



13. Evaluate D(1.2). What does D(1.2) represent in terms of the problem?

D(1.2) = 12

D(1.2) represents the distance Mary biked.

Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

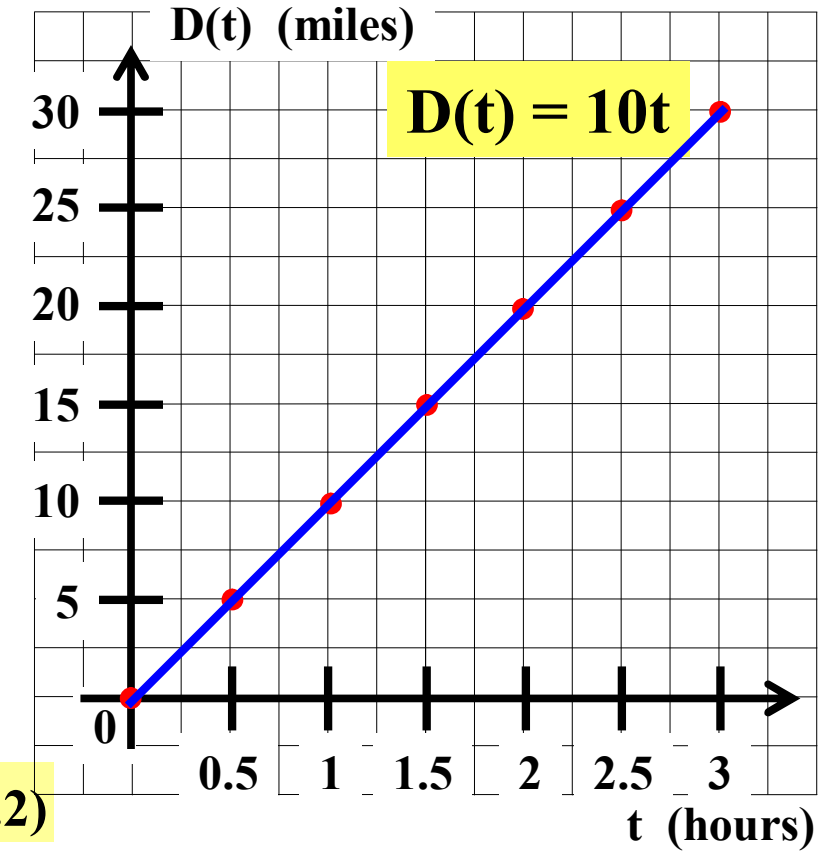
domain

$0 \le t \le 3$

range

$0 \le D(t) \le 30$

9. Graph function D.



13. Evaluate D(1.2). What does D(1.2) represent in terms of the problem?

D(1.2) = 12

D(1.2) represents the distance Mary biked in 1.2 hours.

Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

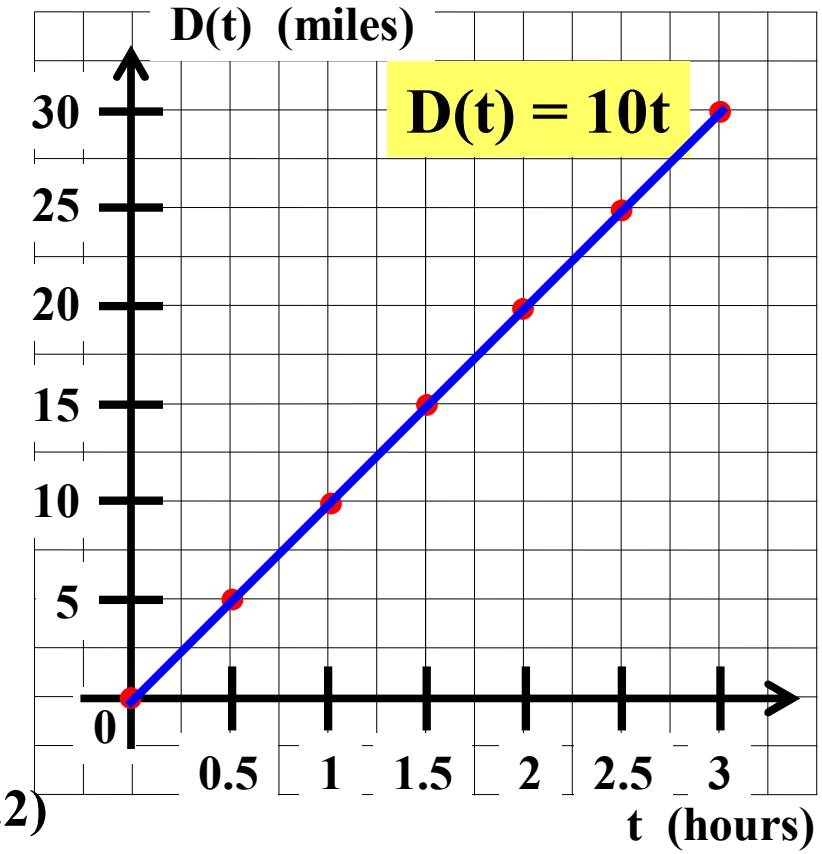
domain

$0 \le t \le 3$

range

$0 \le D(t) \le 30$

9. Graph function D.



13. Evaluate D(1.2). What does D(1.2) represent in terms of the problem?

D(1.2) = 12 miles

D(1.2) represents the distance Mary biked in 1.2 hours.

Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

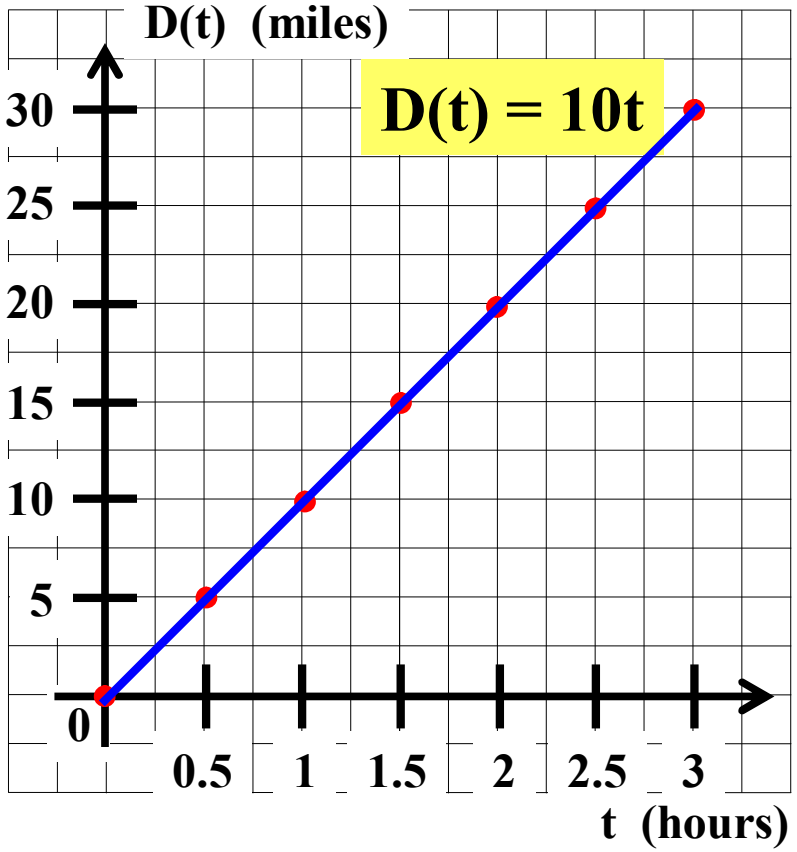
domain

$0 \le t \le 3$

range

$0 \le D(t) \le 30$

9. Graph function D.



Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

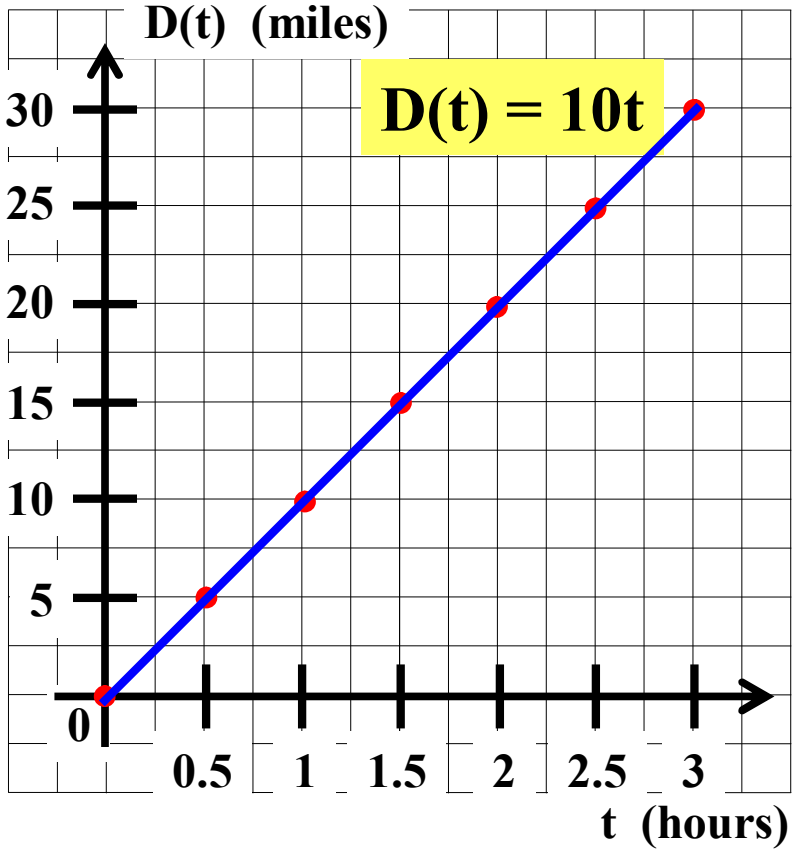
domain

$0 \le t \le 3$

range

$0 \le D(t) \le 30$

9. Graph function D.



14. If D(t) = 15, then find the value of t. What does this value of t represent in terms of the problem?

Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

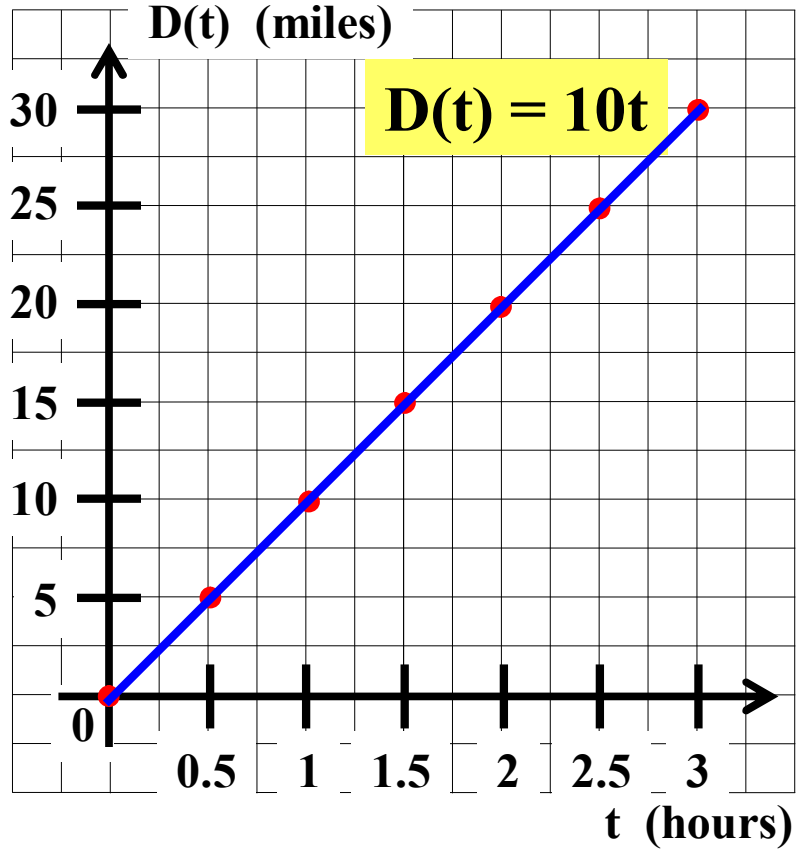
domain

$0 \le t \le 3$

range

$0 \le D(t) \le 30$

9. Graph function D.



14. If D(t) = 15, then find the value of t. What does this value of t represent in terms of the problem?

Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

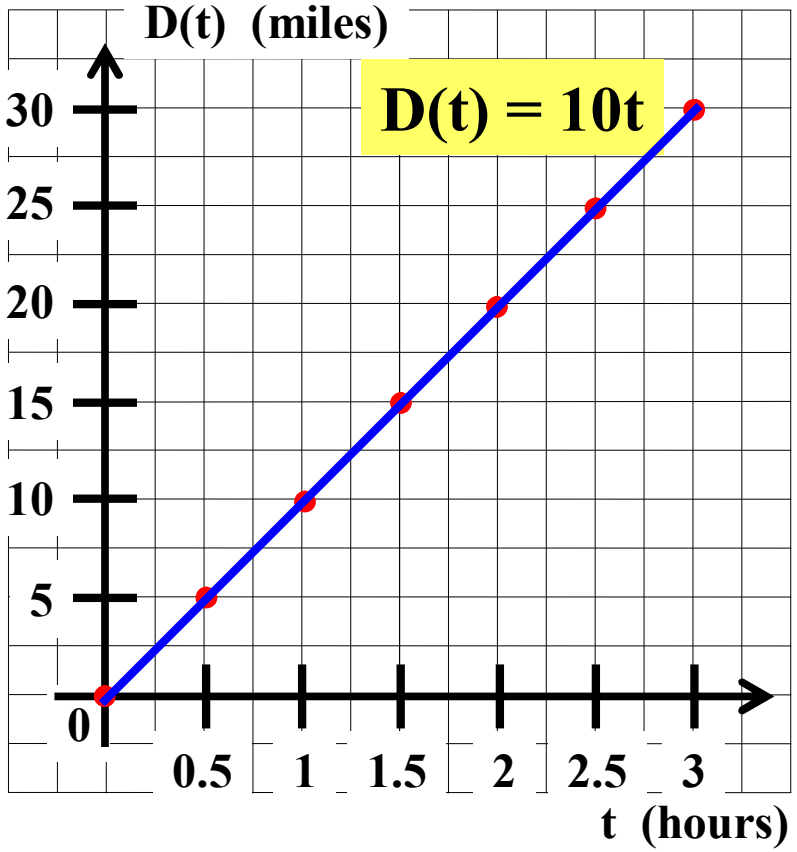
domain

$0 \le t \le 3$

range

$0 \le D(t) \le 30$

9. Graph function D.



14. If D(t) = 15, then find the value of t. What does this value of t represent in terms of the problem? D(t) = 15

Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

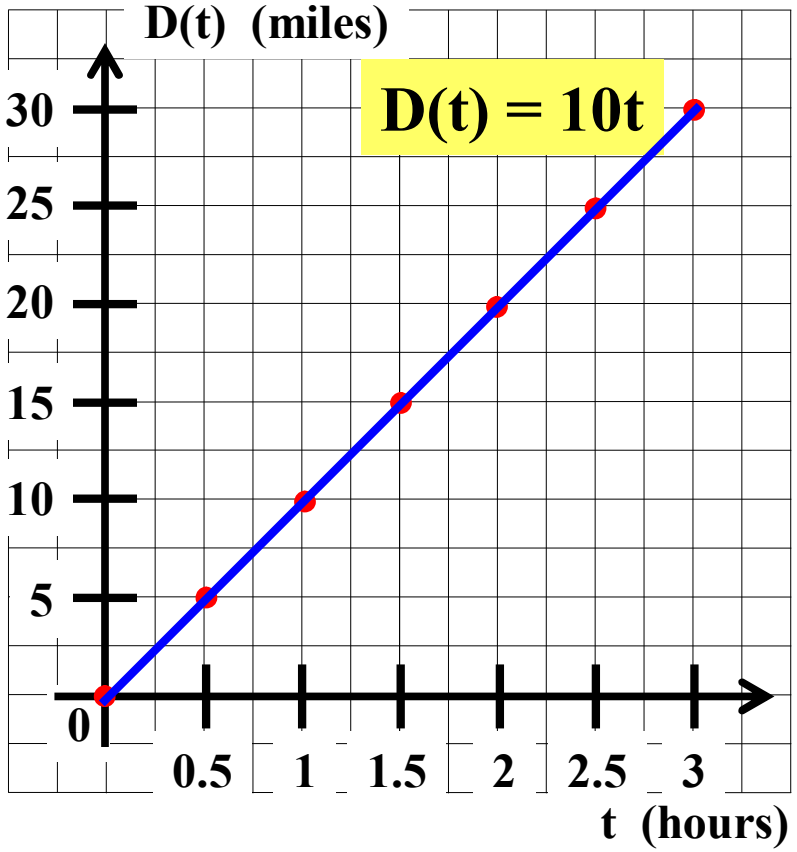
domain

$0 \le t \le 3$

range

$0 \le D(t) \le 30$

9. Graph function D.



14. If D(t) = 15, then find the value of t. What does this value of t represent in terms of the problem?

$D(t) = 15$

$10t$

Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

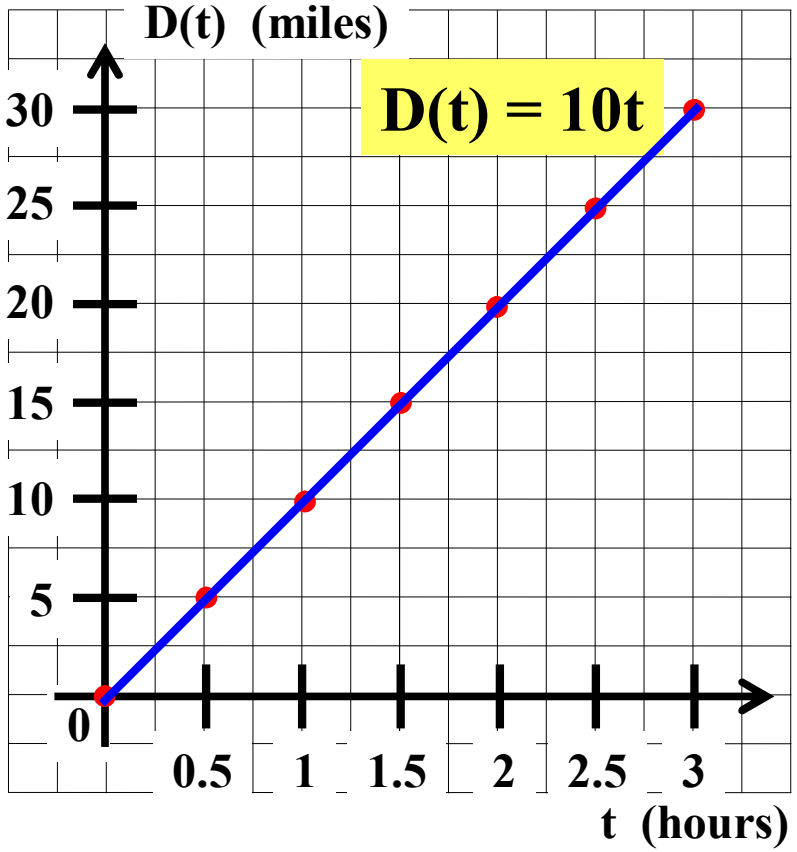
domain

$0 \le t \le 3$

range

$0 \le D(t) \le 30$

9. Graph function D.



14. If D(t) = 15, then find the value of t. What does this value of t represent in terms of the problem?

$D(t) = 15$

$10t = 15$

Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

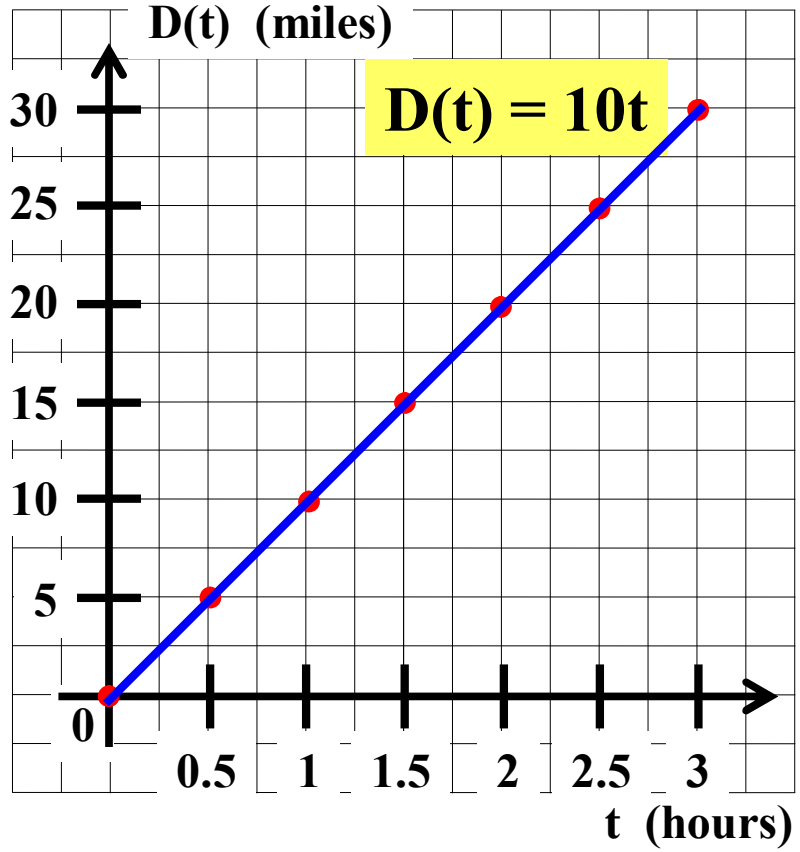
domain

$0 \le t \le 3$

range

$0 \le D(t) \le 30$

9. Graph function D.



14. If D(t) = 15, then find the value of t. What does this value of t represent in terms of the problem?

$D(t) = 15$ ➡

$10t = 15$

Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

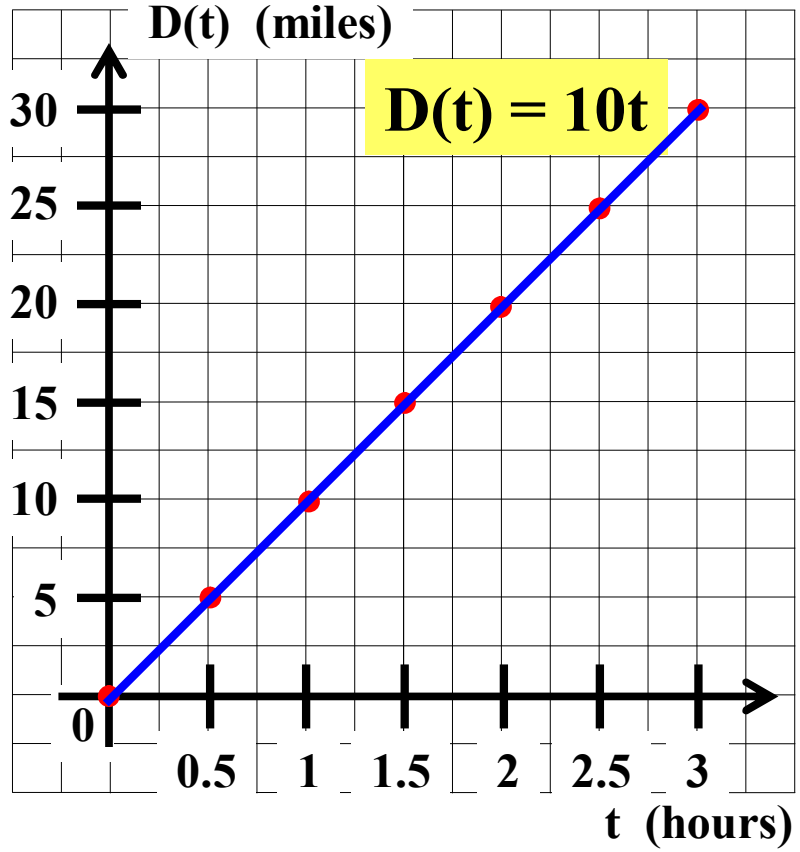
domain

$0 \le t \le 3$

range

$0 \le D(t) \le 30$

9. Graph function D.



14. If D(t) = 15, then find the value of t. What does this value of t represent in terms of the problem?

$D(t) = 15 \rightarrow t = 1.5$

$10t = 15$

Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

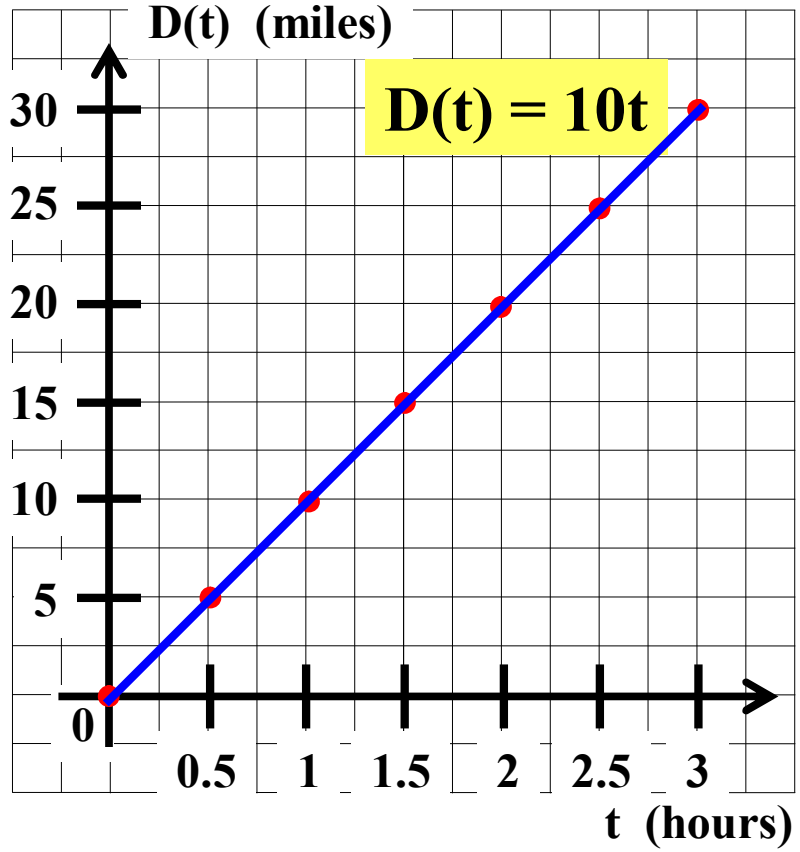
domain

$0 \le t \le 3$

range

$0 \le D(t) \le 30$

9. Graph function D.



14. If D(t) = 15, then find the value of t. What does this value of t represent in terms of the problem?

$D(t) = 15 \Rightarrow t = 1.5$

Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

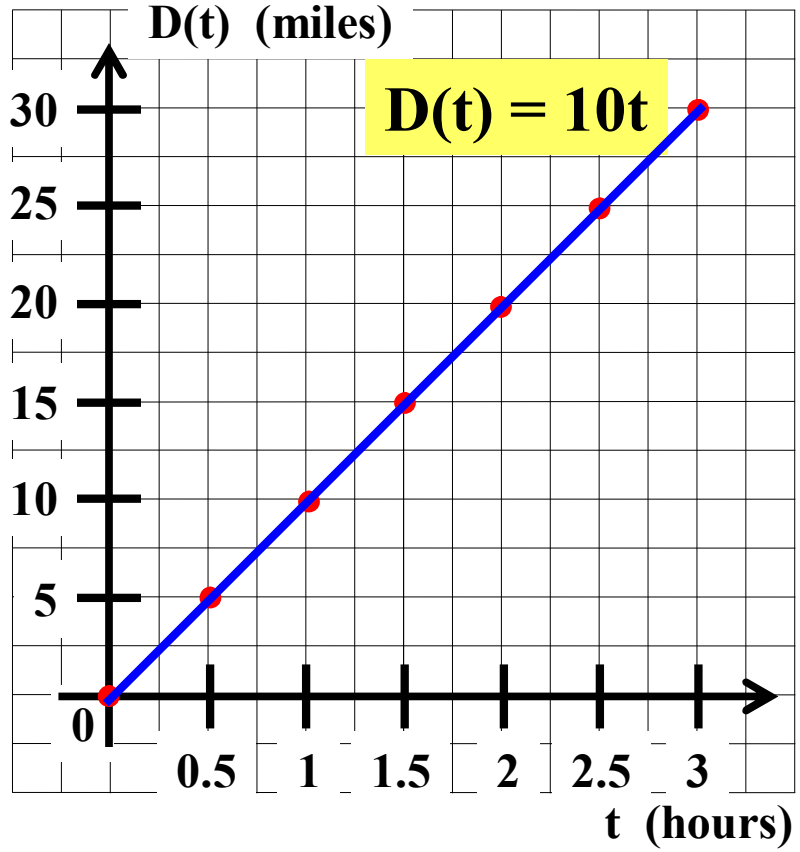
domain

$0 \le t \le 3$

range

$0 \le D(t) \le 30$

9. Graph function D.



14. If D(t) = 15, then find the value of t. What does this value of t represent in terms of the problem?

$D(t) = 15 \Rightarrow t = 1.5$

This represents the time it took Mary to bike 15 miles.

Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

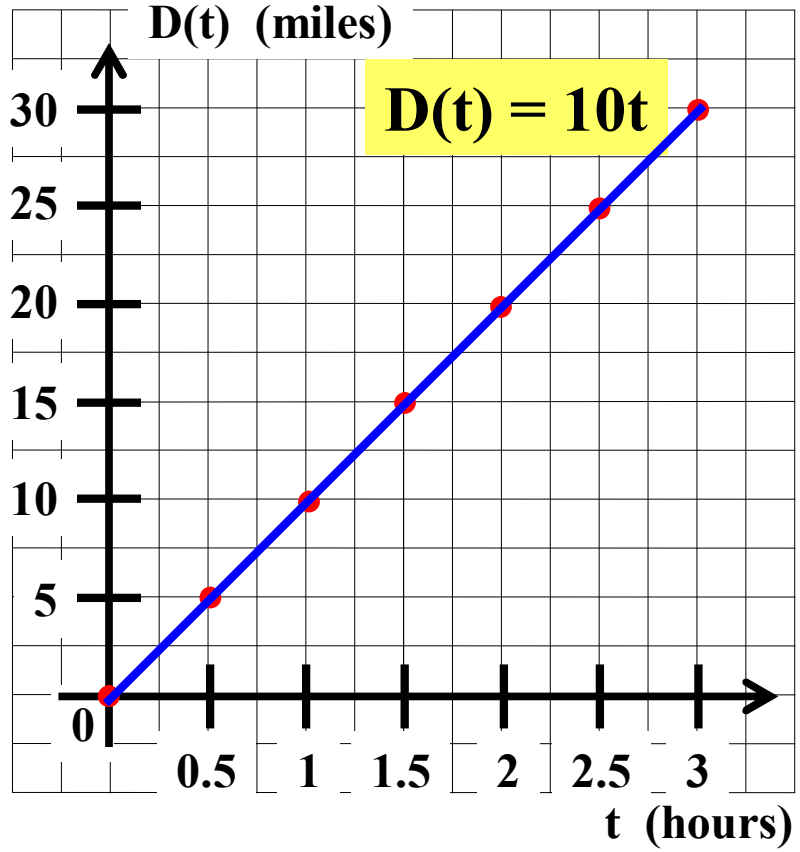
domain

$0 \le t \le 3$

range

$0 \le D(t) \le 30$

9. Graph function D.



14. If D(t) = 15, then find the value of t. What does this value of t represent in terms of the problem?

D(t) = 15 ⟹ t = 1.5 hours

This represents the time it took Mary to bike 15 miles.

Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

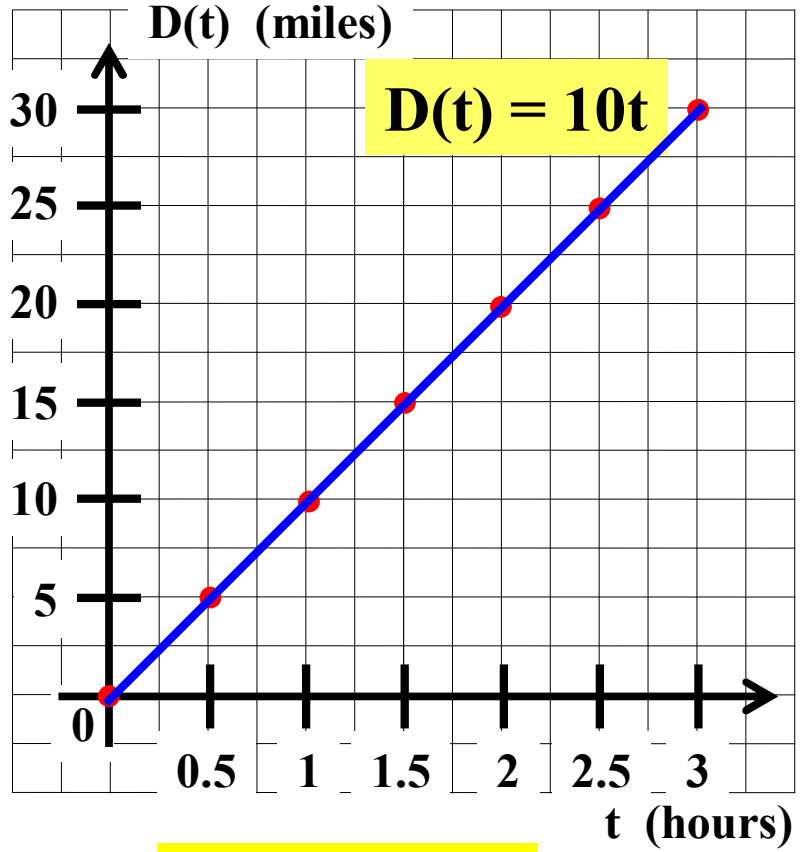
domain

$0 \le t \le 3$

range

$0 \le D(t) \le 30$

9. Graph function D.



14. If D(t) = 15, then find the value of t. What does this value of t represent in terms of the problem?

$D(t) = 15 \Rightarrow t = 1.5$ hours

This represents the time it took Mary to bike 15 miles.

Algebra I Class Worksheet #3 Unit 8

Mary bikes for 3 hours at a constant speed of 10 miles per hour. Let t represent her biking time (in hours) and D(t) represent the distance she has gone (in miles).

8. Make a table giving t and D(t) every half hour from t = 0 to t = 3.

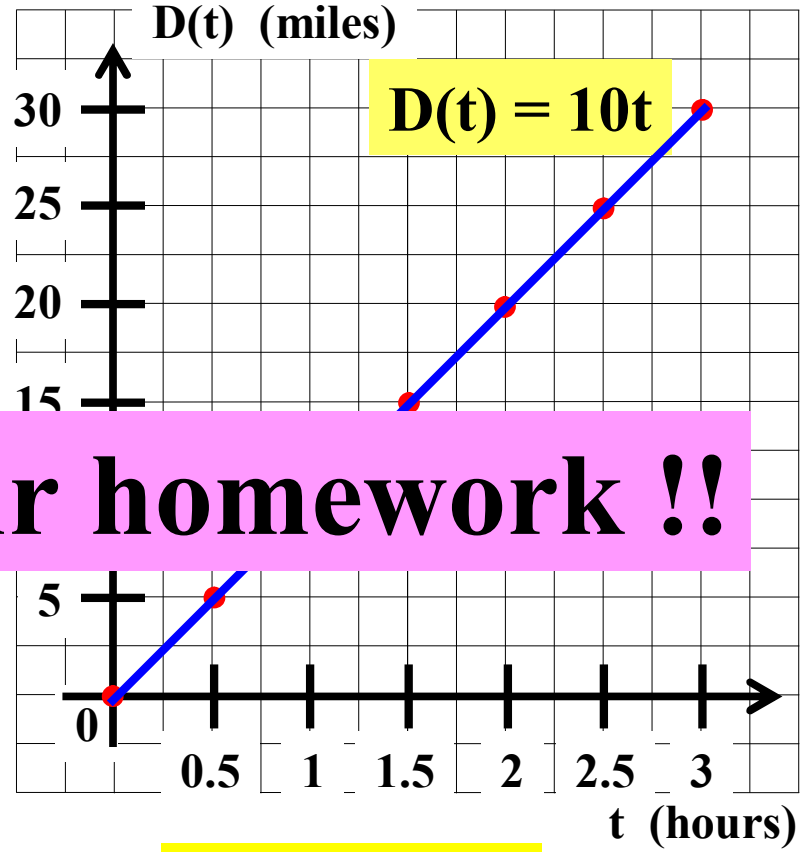
t	D(t)
0	0
.5	5
1	10
1.5	15
2	20
2.5	25
3	30

domain

$0 \le t \le 3$

range

9. Graph function D.



Good luck on your homework !!

14. If D(t) = 15, then find the value of t. What does this value of t represent in terms of the problem?

D(t) = 15 ⟹ t = 1.5 hours

This represents the time it took Mary to bike 15 miles.