Algebra II Lesson #1 Unit 3 Class Worksheet #1 For Worksheet #1

Algebra II Unit 3 Class WS #1 Relation:

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A relation is given using the listing method in each problem.

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(a) Graph the relation.

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- (a) Graph the relation.
- (b) Complete the mapping diagram for the relation.

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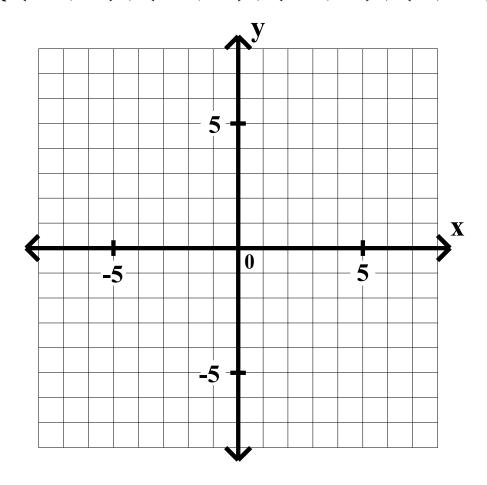
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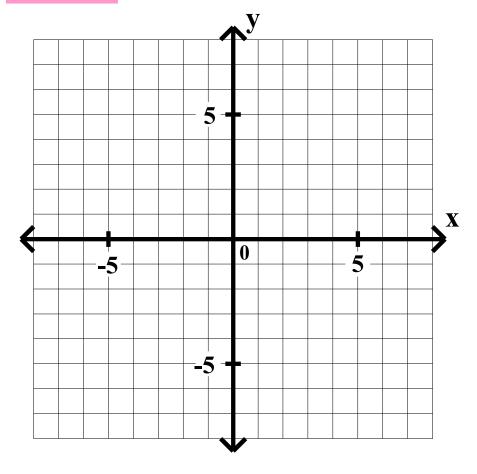


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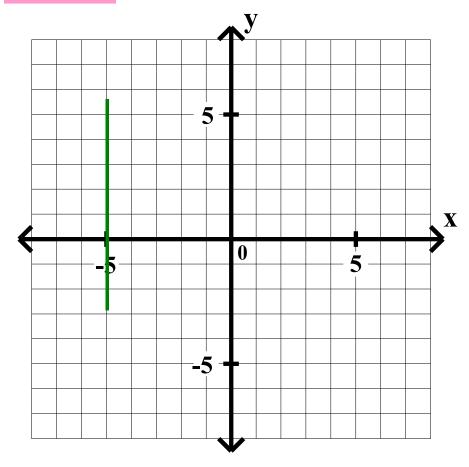


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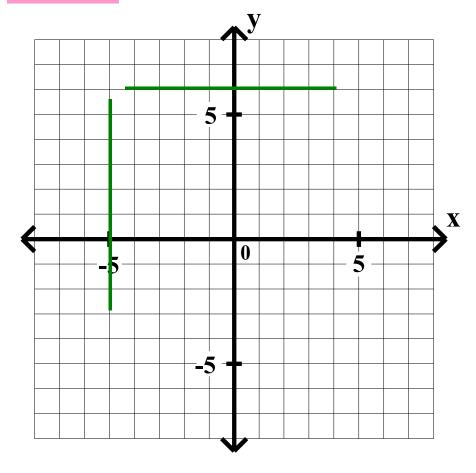


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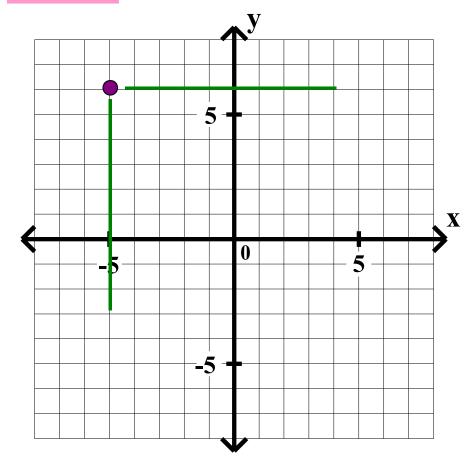


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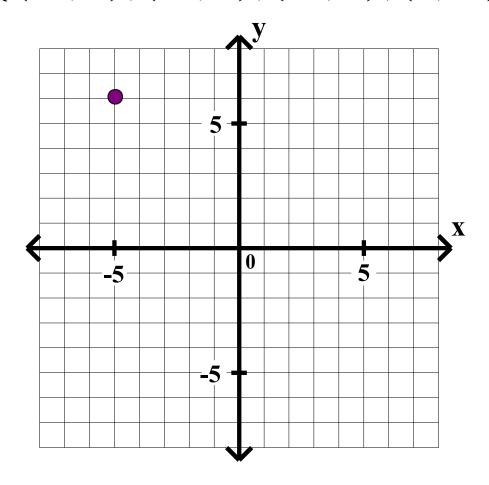


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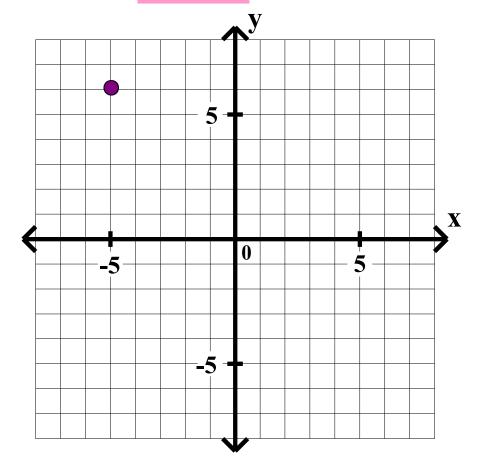


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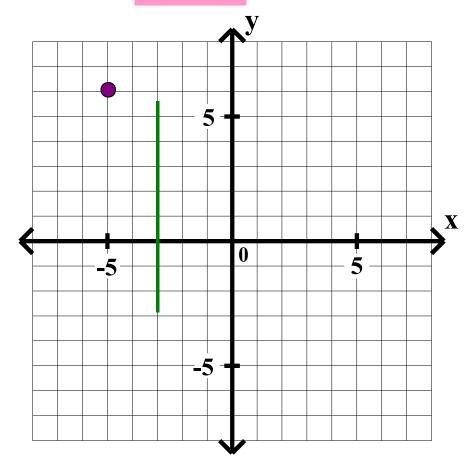


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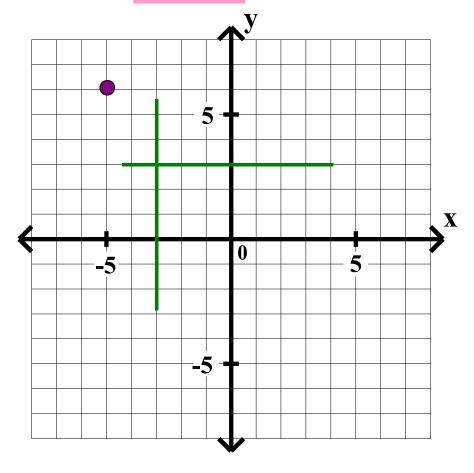


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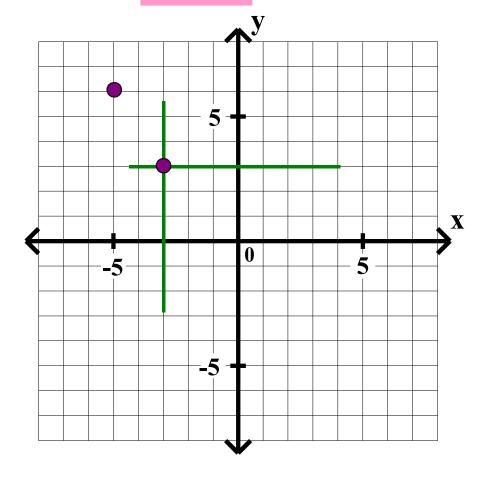


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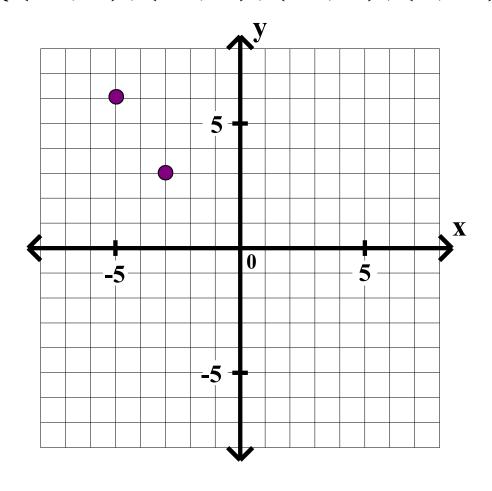


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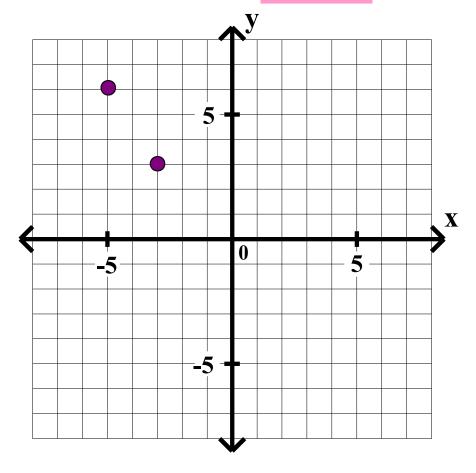


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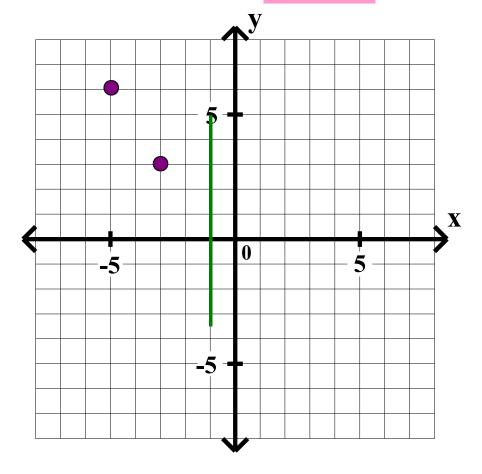


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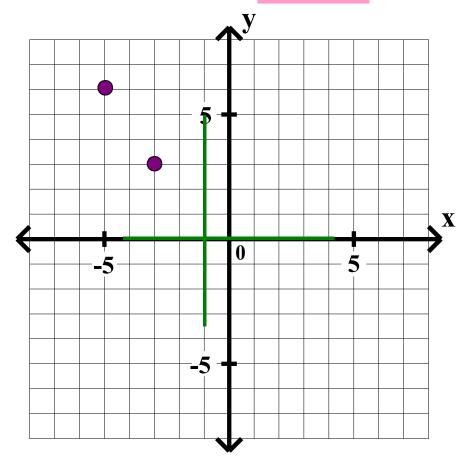


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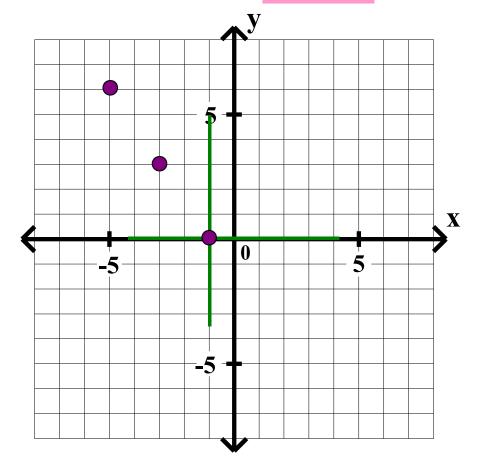


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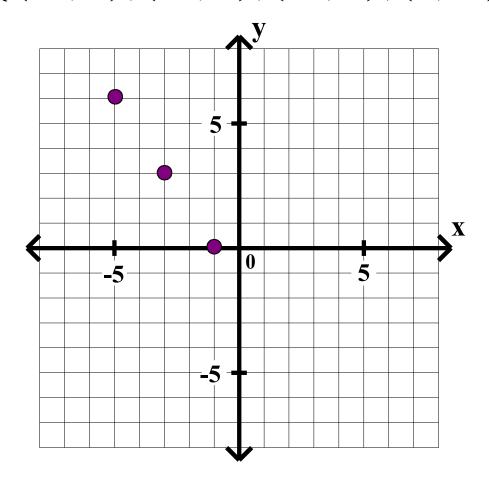


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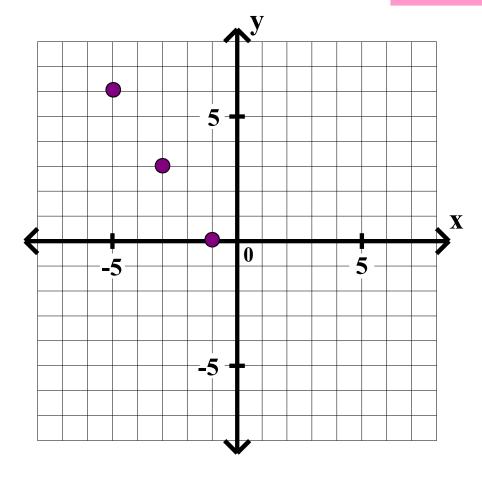


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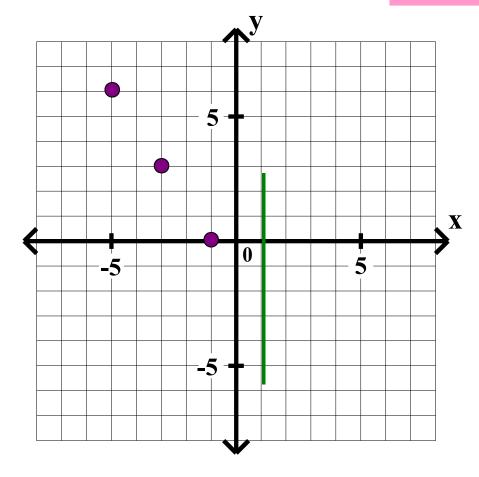


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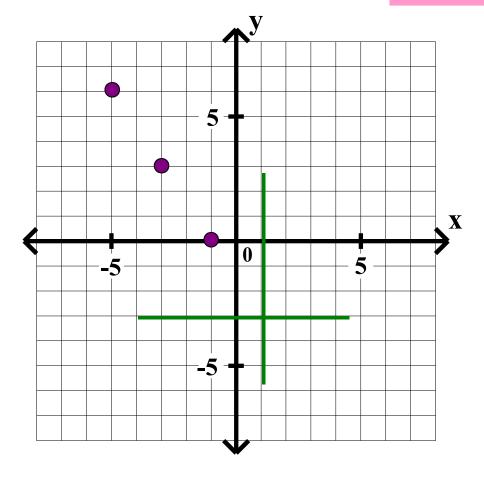


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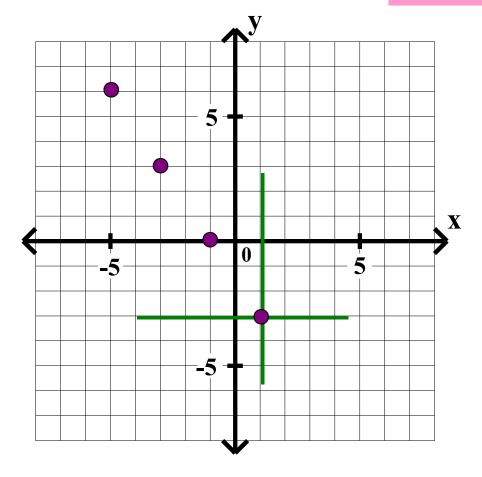


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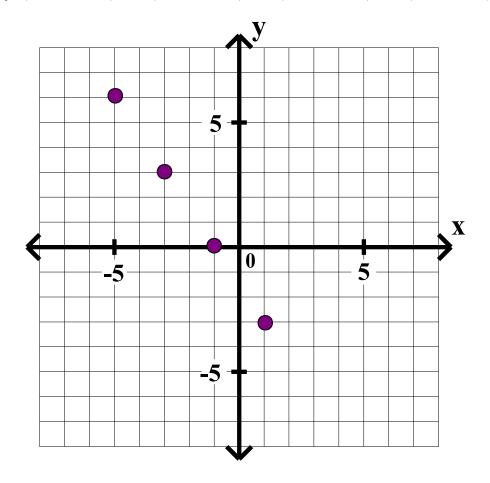


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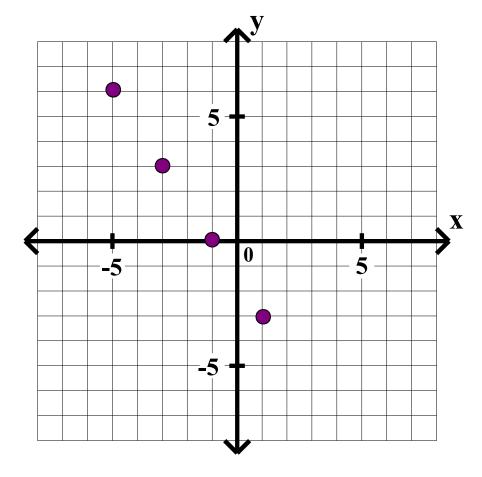


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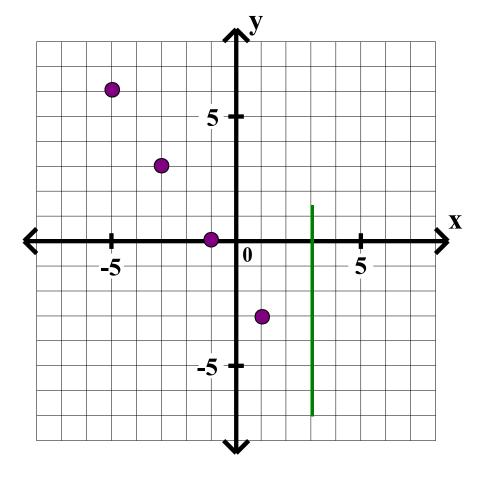


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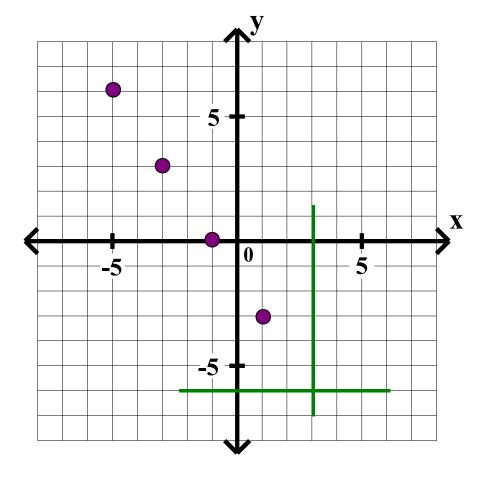


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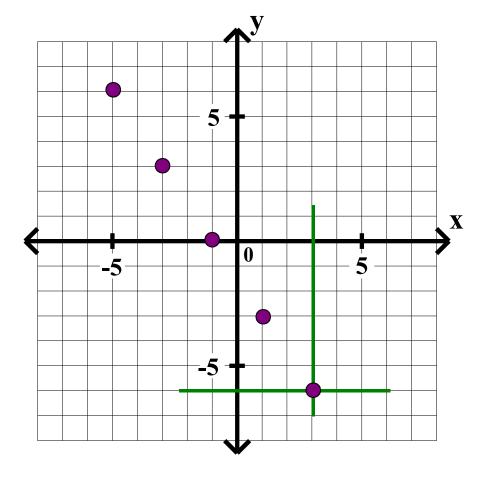


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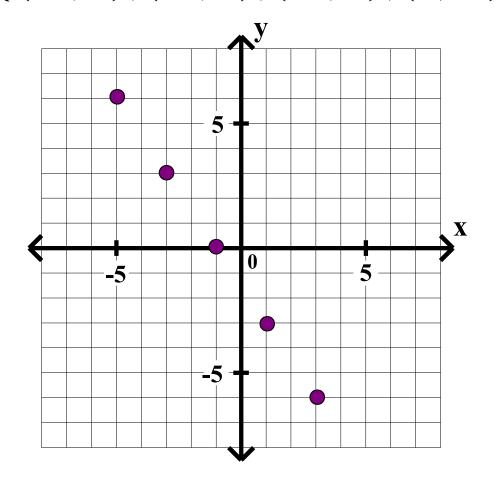


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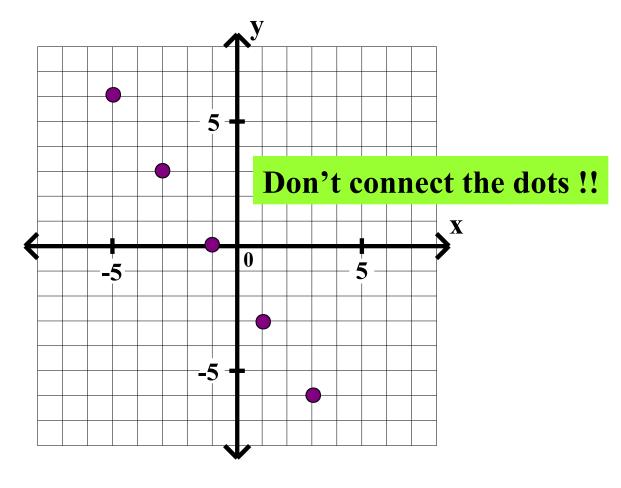


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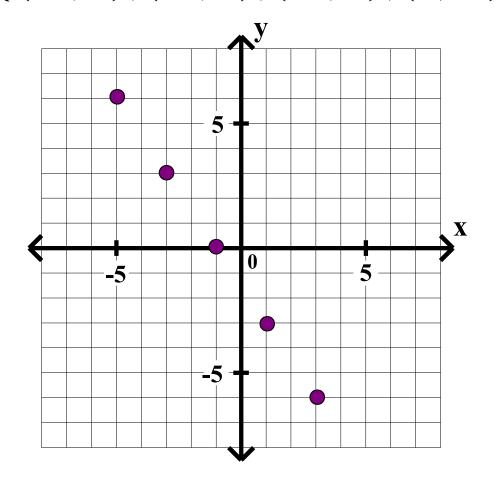
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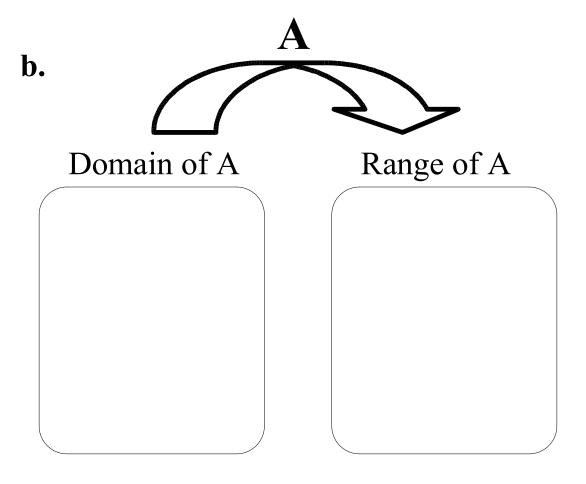


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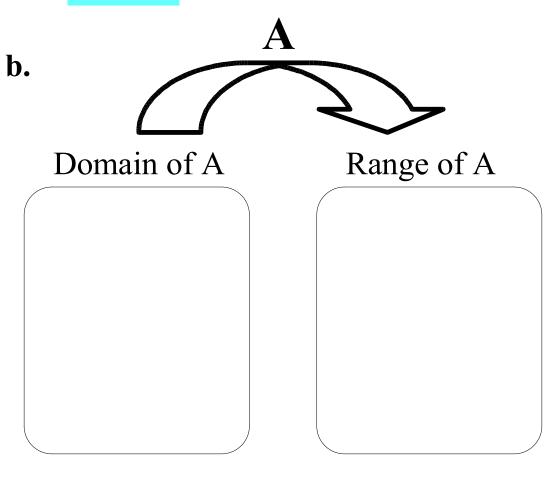
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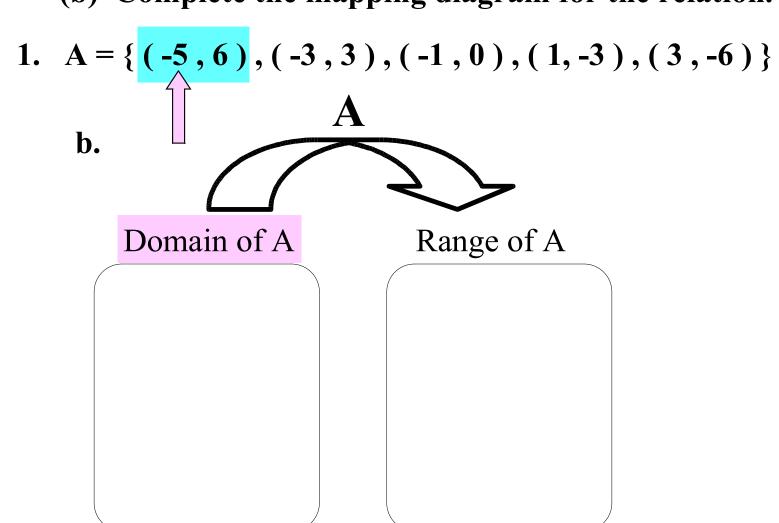
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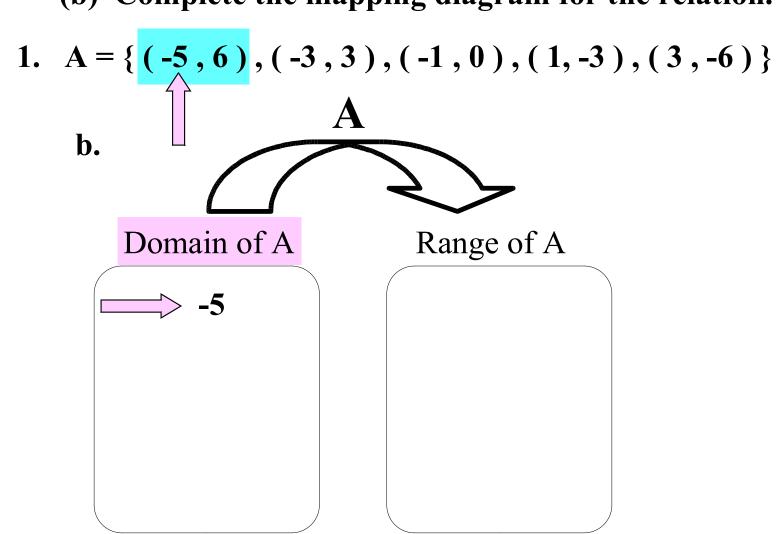


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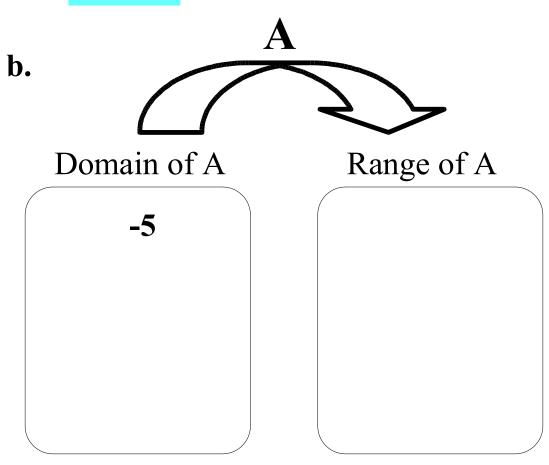


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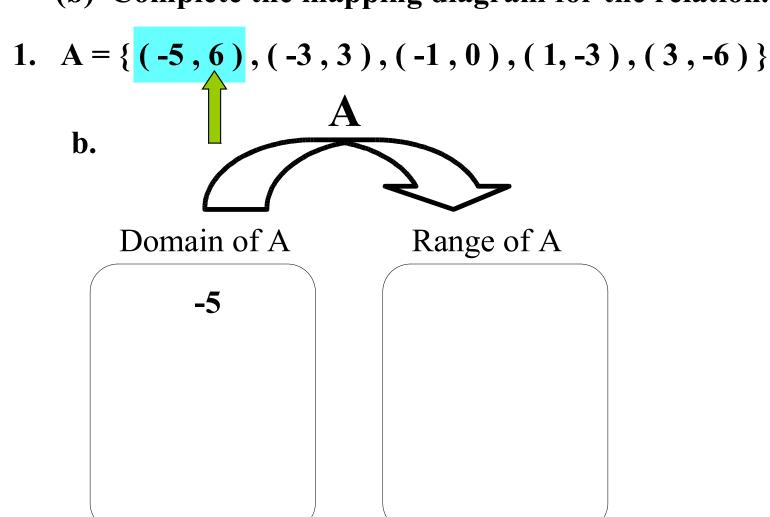


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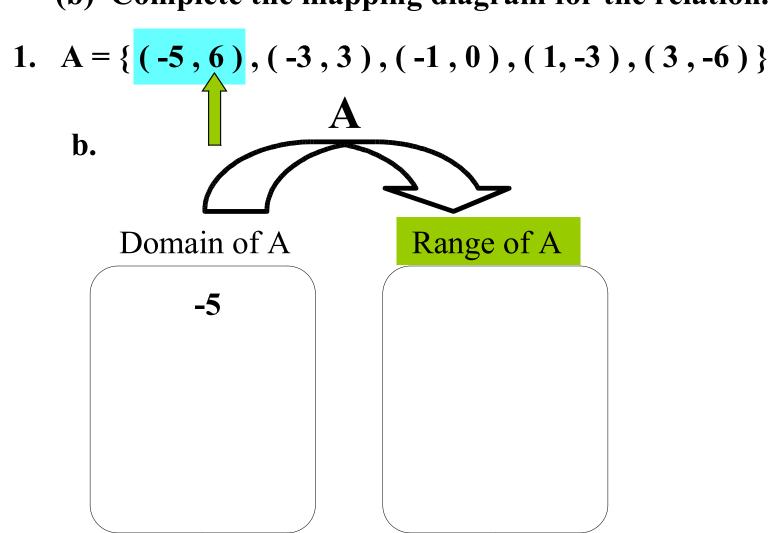
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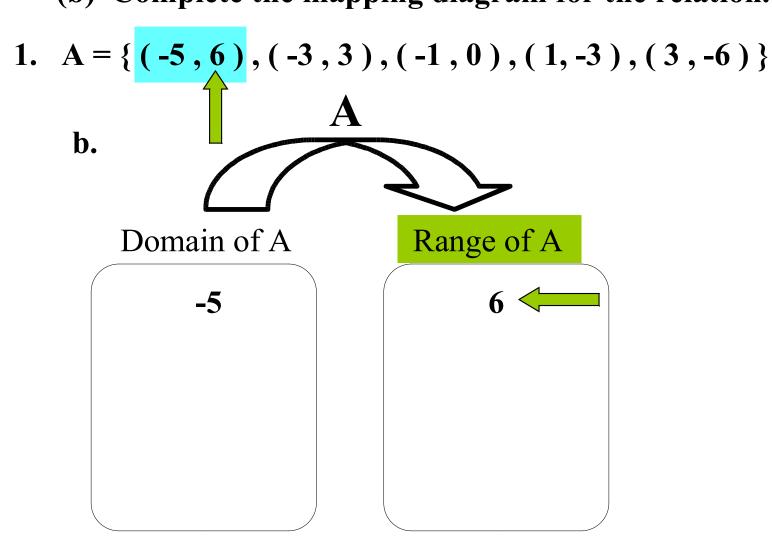
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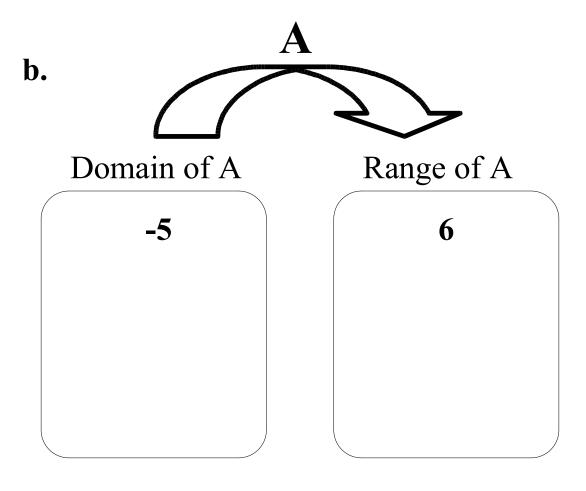


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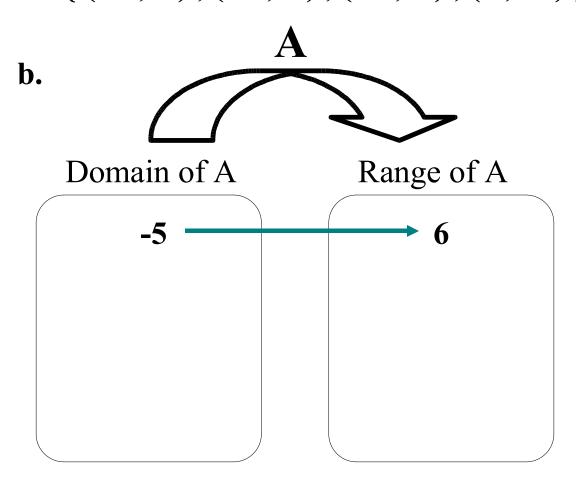
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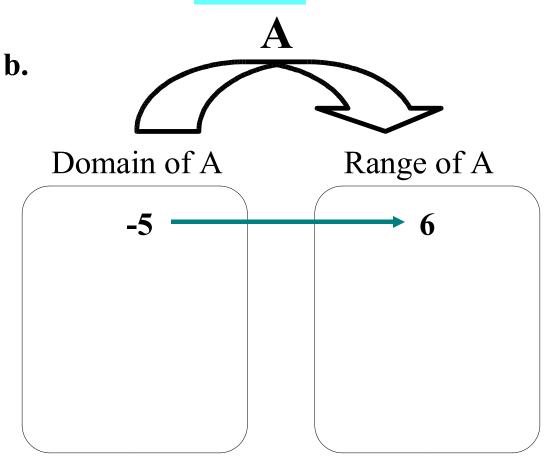
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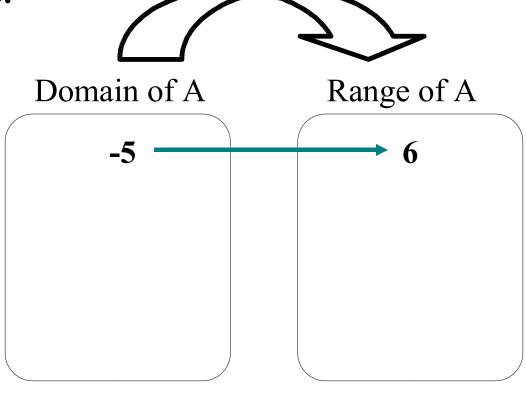
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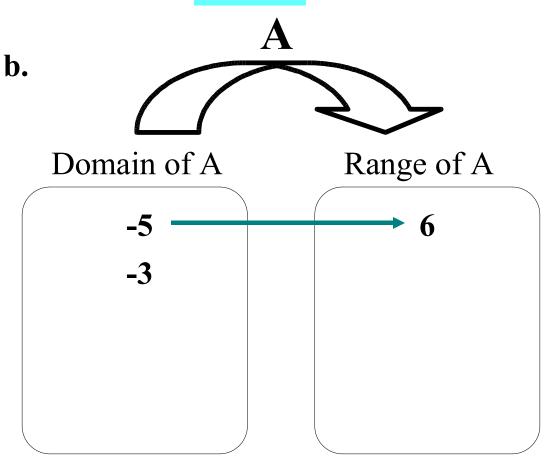
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b. Domain of A Range of A

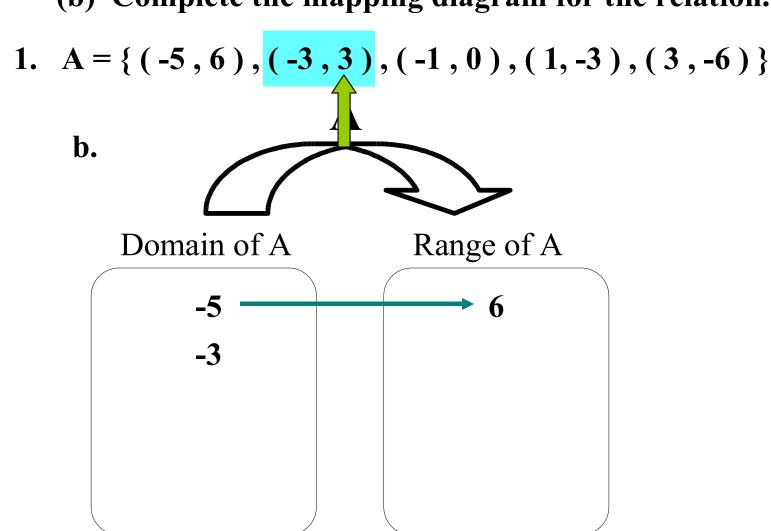
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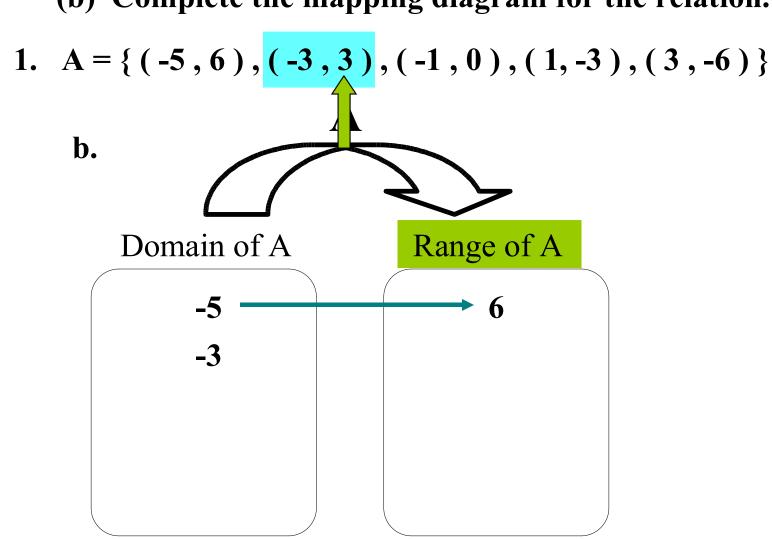
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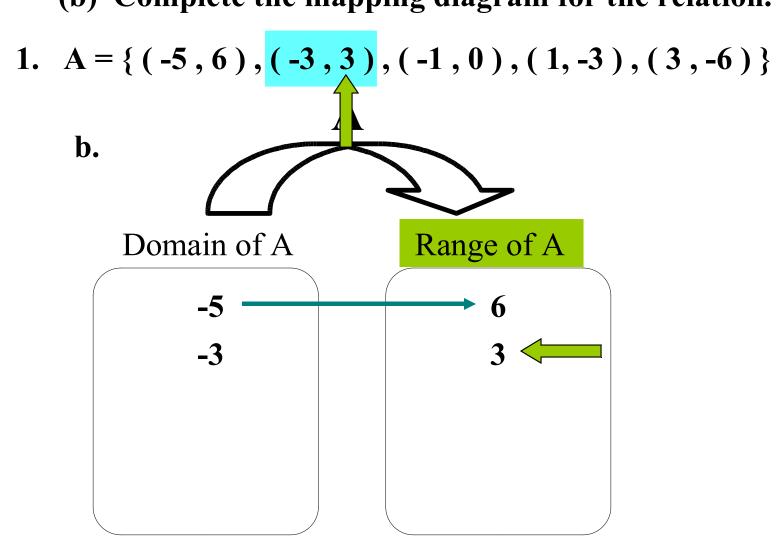
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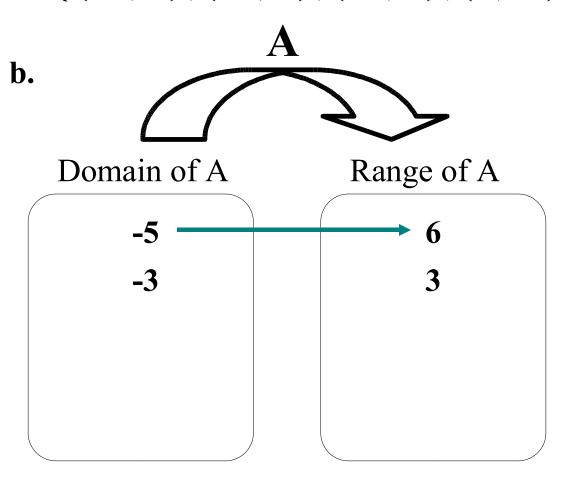


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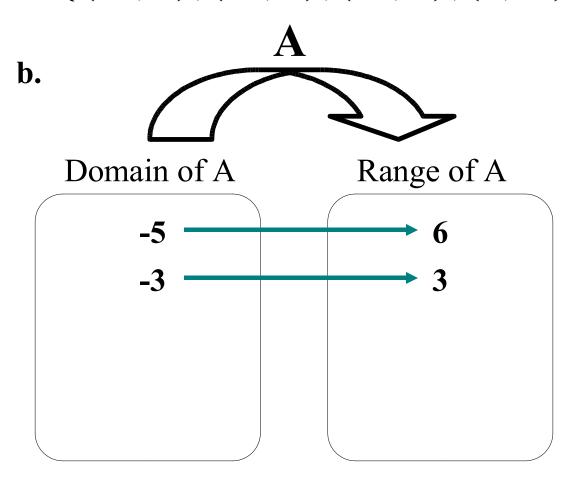
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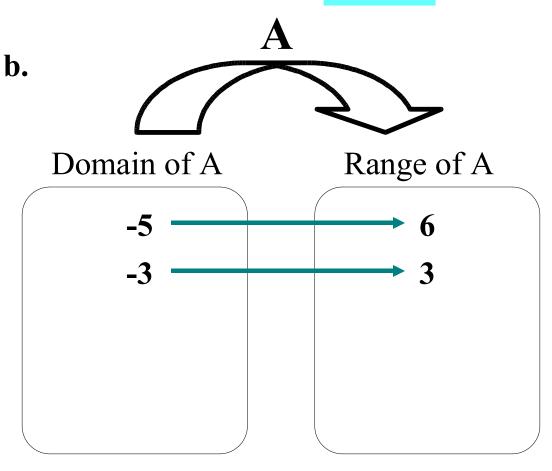
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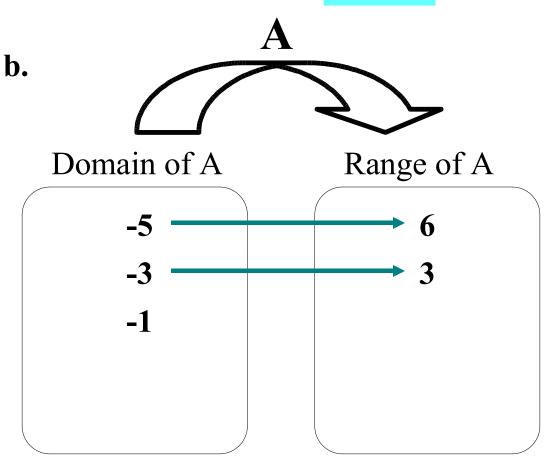
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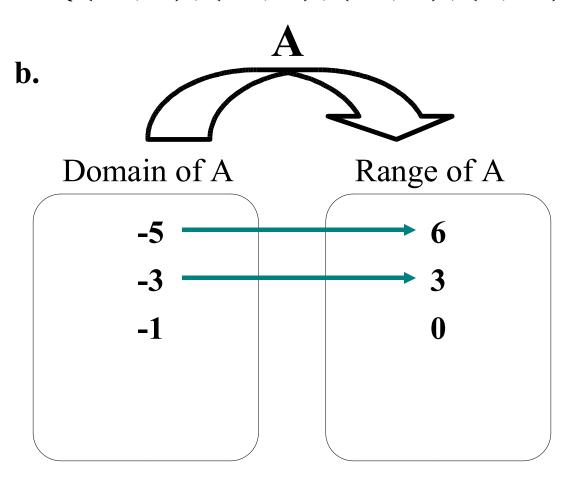
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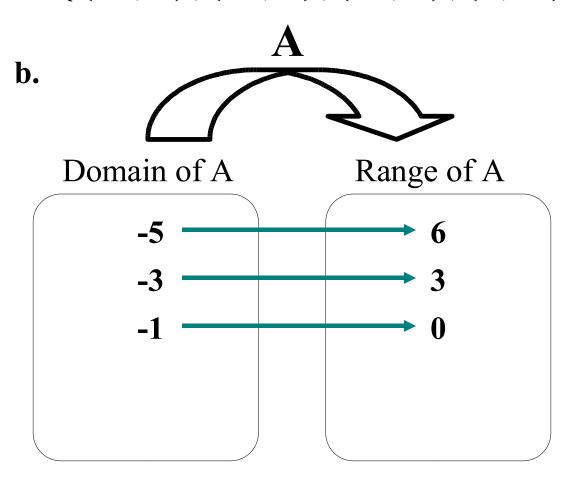
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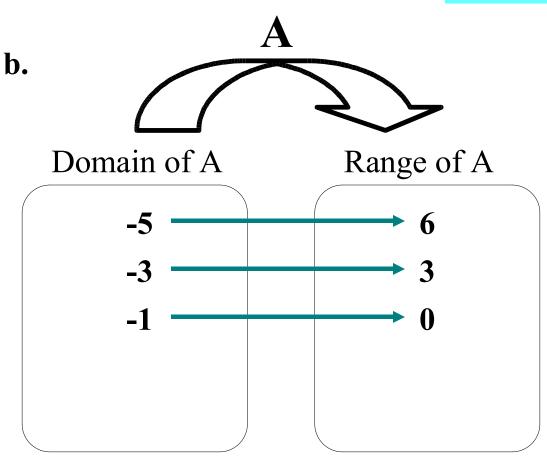
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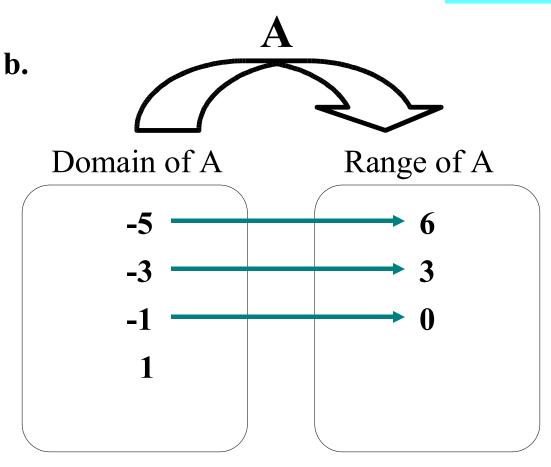
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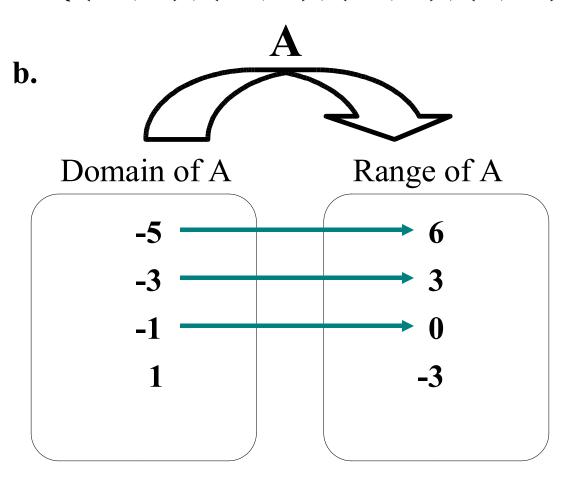
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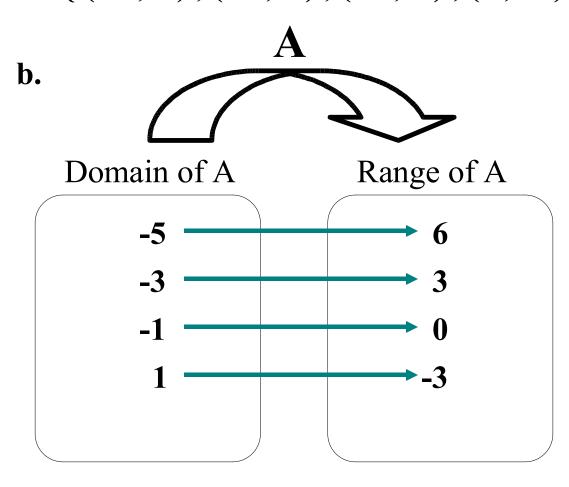
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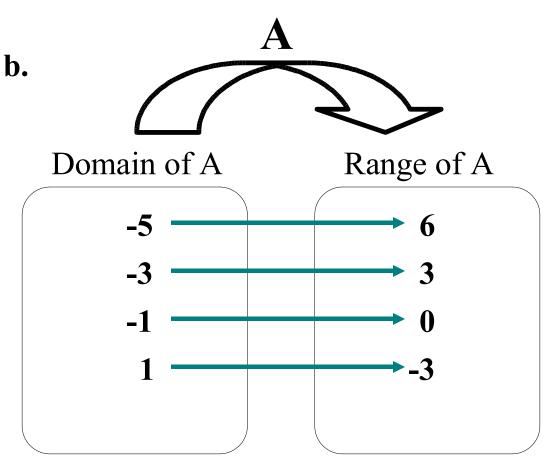
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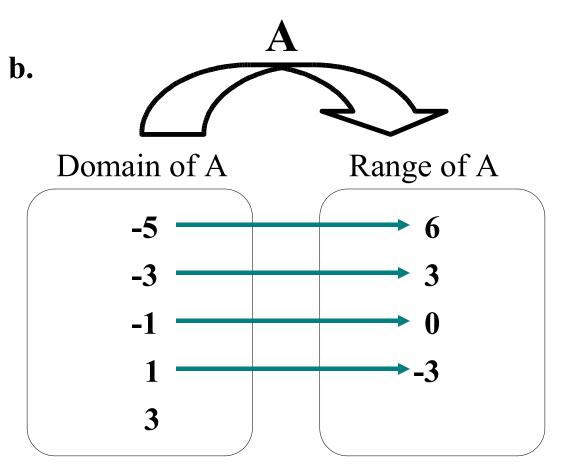
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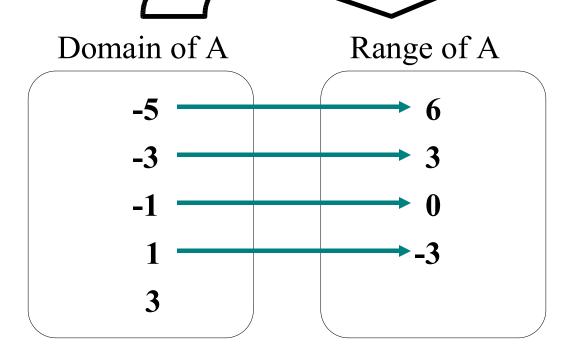
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(b) Complete the mapping diagram for the relation.

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$$A = \{ (-5, 6), (-3, 3), (-1, 0), (1, -3), (3, -6) \}$$

b.



Relation: A relation is a set of ordered pairs.

A relation is given using the listing method in each problem.

(b) Complete the mapping diagram for the relation.

1.
$$A = \{(-5, 6), (-3, 3), (-1, 0), (1, -3), (3, -6)\}$$
b.

Domain of A

Range of A

-5

-3

-1

0

1

3

Relation: A relation is a set of ordered pairs.

A relation is given using the listing method in each problem.

(b) Complete the mapping diagram for the relation.

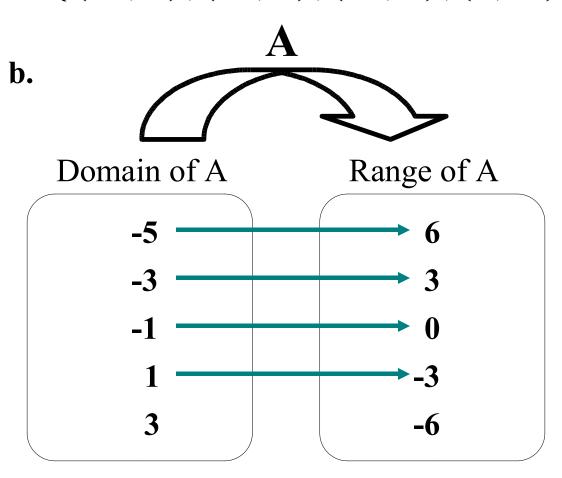
3

-3

3

Relation: A relation is a set of ordered pairs.

1.
$$A = \{ (-5, 6), (-3, 3), (-1, 0), (1, -3), (3, -6) \}$$



Relation: A relation is a set of ordered pairs.

A relation is given using the listing method in each problem.

(b) Complete the mapping diagram for the relation.

1.
$$A = \{ (-5, 6), (-3, 3), (-1, 0), (1, -3), (3, -6) \}$$

b. Domain of A Range of A -3 3

Relation: A relation is a set of ordered pairs.

A relation is given using the listing method in each problem.

(a) Graph the relation.

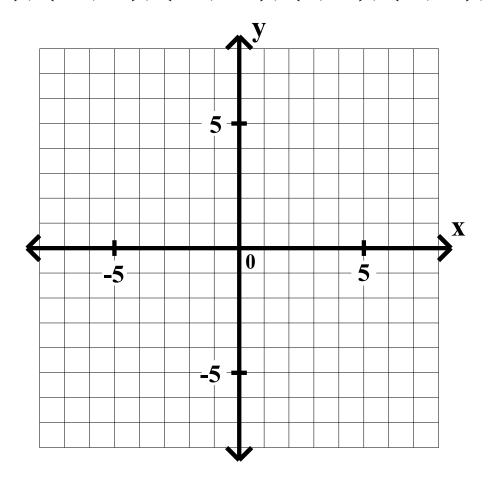
2.
$$B = \{(-4,3), (-4,0), (-4,-3), (0,0), (4,3), (4,0), (4,-3)\}$$

Relation: A relation is a set of ordered pairs.

A relation is given using the listing method in each problem.

(a) Graph the relation.

2.
$$B = \{(-4,3), (-4,0), (-4,-3), (0,0), (4,3), (4,0), (4,-3)\}$$

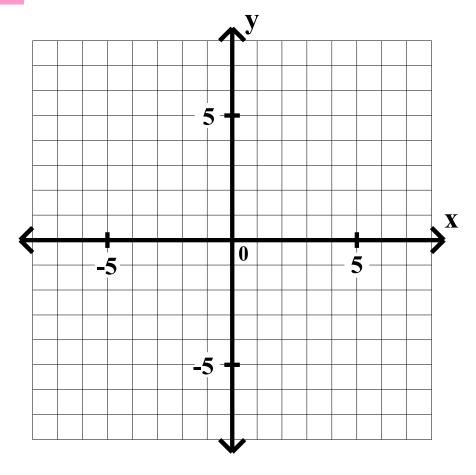


Relation: A relation is a set of ordered pairs.

A relation is given using the listing method in each problem.

(a) Graph the relation.

2.
$$B = \{ (-4,3), (-4,0), (-4,-3), (0,0), (4,3), (4,0), (4,-3) \}$$

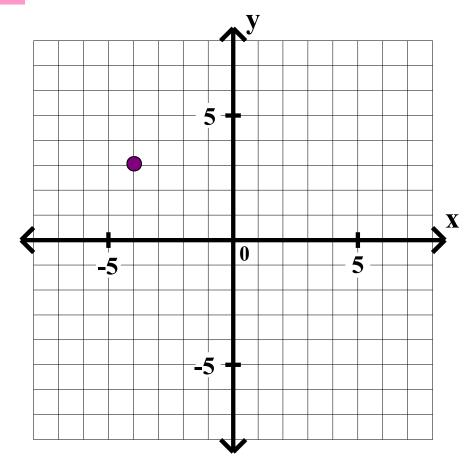


Relation: A relation is a set of ordered pairs.

A relation is given using the listing method in each problem.

(a) Graph the relation.

2.
$$B = \{ (-4,3), (-4,0), (-4,-3), (0,0), (4,3), (4,0), (4,-3) \}$$

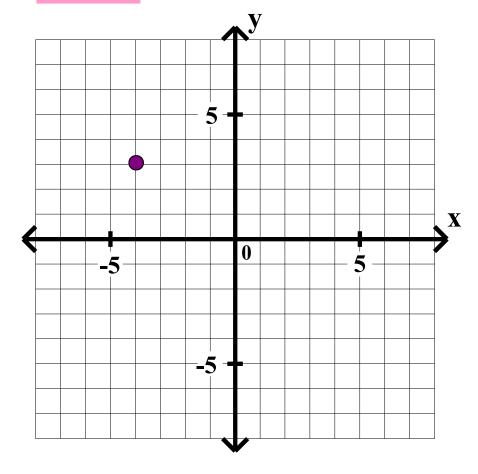


Relation: A relation is a set of ordered pairs.

A relation is given using the listing method in each problem.

(a) Graph the relation.

2.
$$B = \{(-4,3), (-4,0), (-4,-3), (0,0), (4,3), (4,0), (4,-3)\}$$

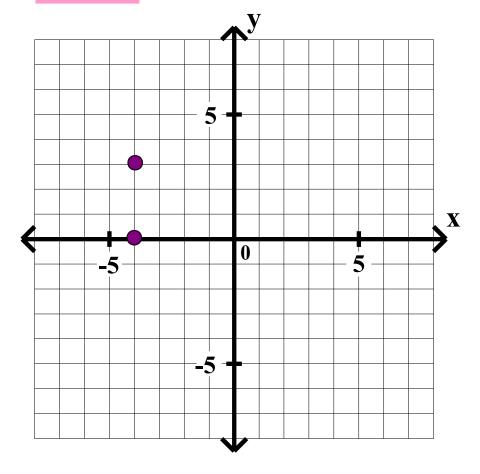


Relation: A relation is a set of ordered pairs.

A relation is given using the listing method in each problem.

(a) Graph the relation.

2.
$$B = \{(-4,3), (-4,0), (-4,-3), (0,0), (4,3), (4,0), (4,-3)\}$$

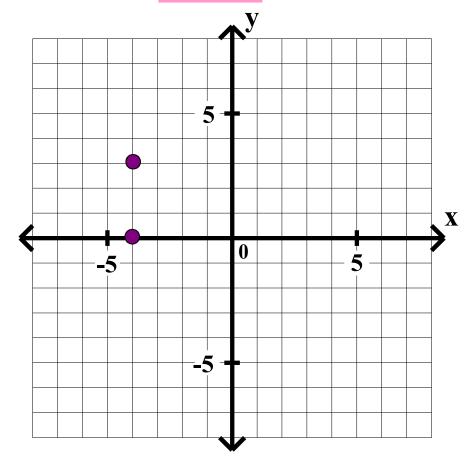


Relation: A relation is a set of ordered pairs.

A relation is given using the listing method in each problem.

(a) Graph the relation.

2.
$$B = \{(-4,3), (-4,0), (-4,-3), (0,0), (4,3), (4,0), (4,-3)\}$$

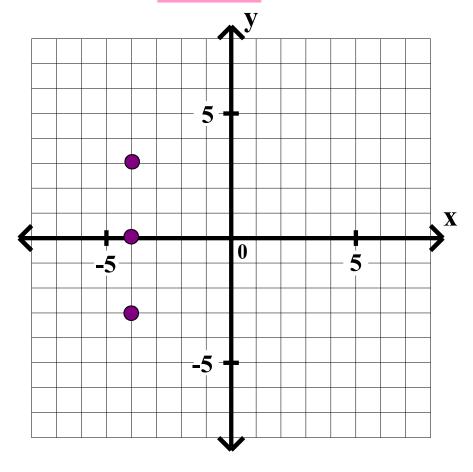


Relation: A relation is a set of ordered pairs.

A relation is given using the listing method in each problem.

(a) Graph the relation.

2.
$$B = \{(-4,3), (-4,0), (-4,-3), (0,0), (4,3), (4,0), (4,-3)\}$$

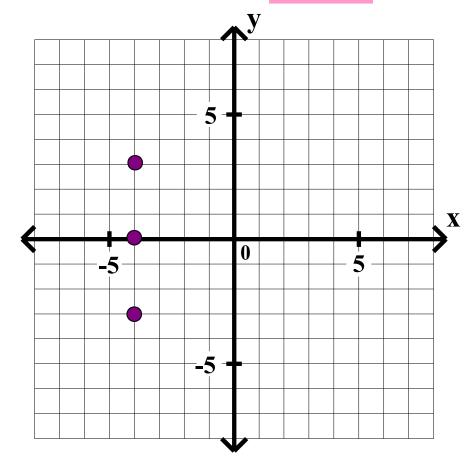


Relation: A relation is a set of ordered pairs.

A relation is given using the listing method in each problem.

(a) Graph the relation.

2.
$$B = \{(-4,3), (-4,0), (-4,-3), (0,0), (4,3), (4,0), (4,-3)\}$$

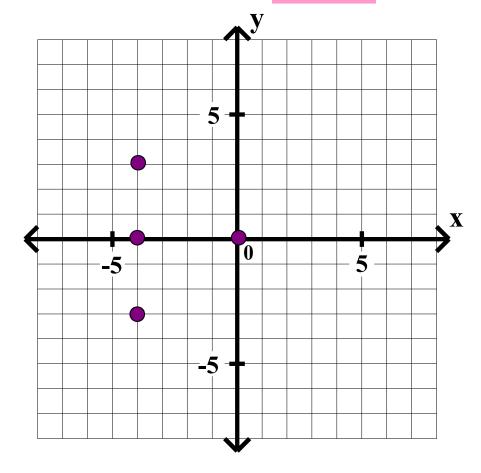


Relation: A relation is a set of ordered pairs.

A relation is given using the listing method in each problem.

(a) Graph the relation.

2.
$$B = \{(-4,3), (-4,0), (-4,-3), (0,0), (4,3), (4,0), (4,-3)\}$$

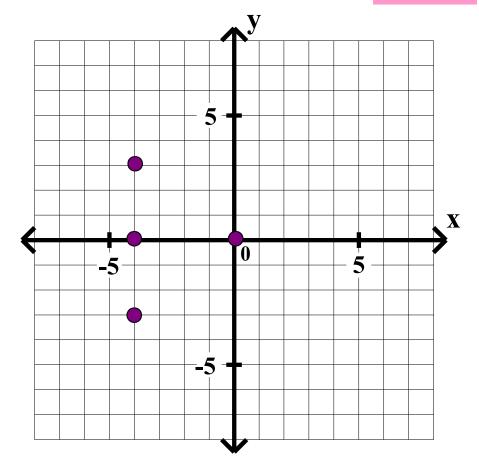


Relation: A relation is a set of ordered pairs.

A relation is given using the listing method in each problem.

(a) Graph the relation.

2.
$$B = \{(-4,3), (-4,0), (-4,-3), (0,0), (4,3), (4,0), (4,-3)\}$$

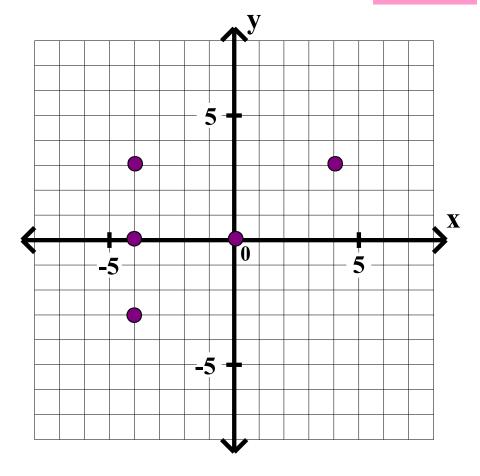


Relation: A relation is a set of ordered pairs.

A relation is given using the listing method in each problem.

(a) Graph the relation.

2.
$$B = \{(-4,3), (-4,0), (-4,-3), (0,0), (4,3), (4,0), (4,-3)\}$$

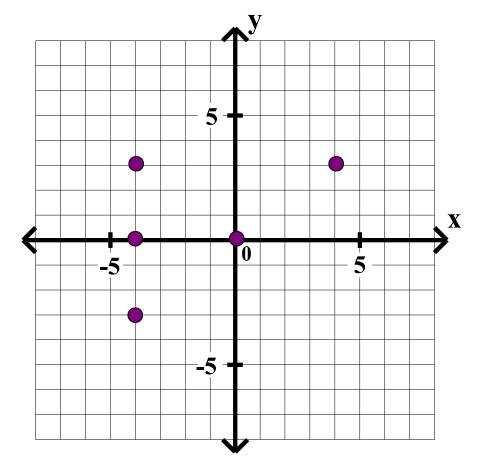


Relation: A relation is a set of ordered pairs.

A relation is given using the listing method in each problem.

(a) Graph the relation.

2.
$$B = \{(-4,3), (-4,0), (-4,-3), (0,0), (4,3), (4,0), (4,-3)\}$$

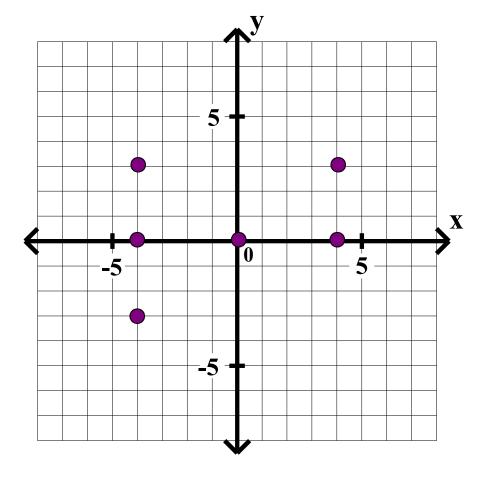


Relation: A relation is a set of ordered pairs.

A relation is given using the listing method in each problem.

(a) Graph the relation.

2.
$$B = \{(-4,3), (-4,0), (-4,-3), (0,0), (4,3), (4,0), (4,-3)\}$$

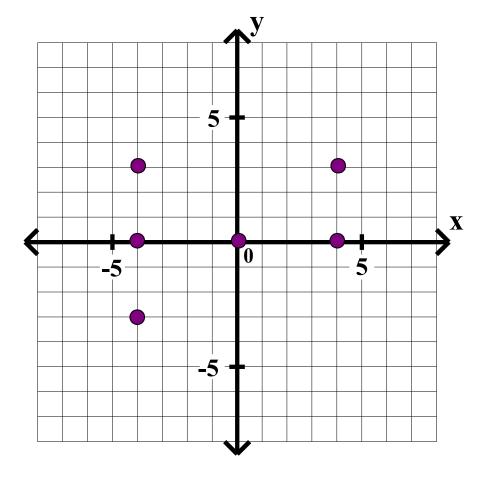


Relation: A relation is a set of ordered pairs.

A relation is given using the listing method in each problem.

(a) Graph the relation.

2.
$$B = \{(-4,3), (-4,0), (-4,-3), (0,0), (4,3), (4,0), (4,-3)\}$$

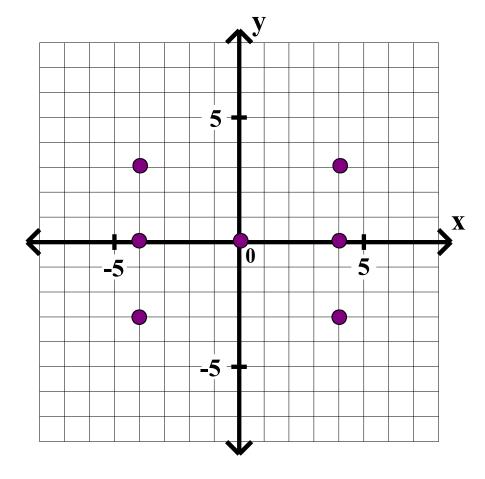


Relation: A relation is a set of ordered pairs.

A relation is given using the listing method in each problem.

(a) Graph the relation.

2.
$$B = \{(-4,3), (-4,0), (-4,-3), (0,0), (4,3), (4,0), (4,-3)\}$$

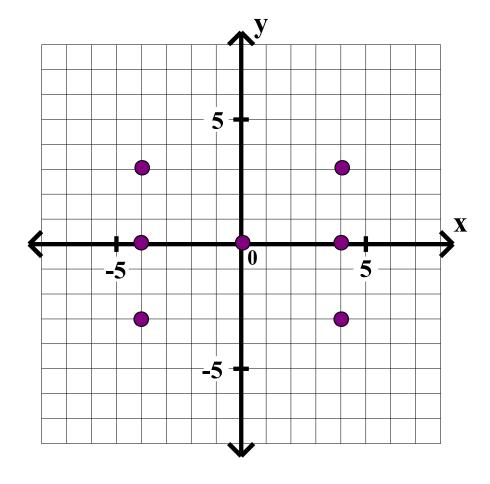


Relation: A relation is a set of ordered pairs.

A relation is given using the listing method in each problem.

(a) Graph the relation.

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$$B = \{(-4,3), (-4,0), (-4,-3), (0,0), (4,3), (4,0), (4,-3)\}$$



Relation: A relation is a set of ordered pairs.

A relation is given using the listing method in each problem.

(b) Complete the mapping diagram for the relation.

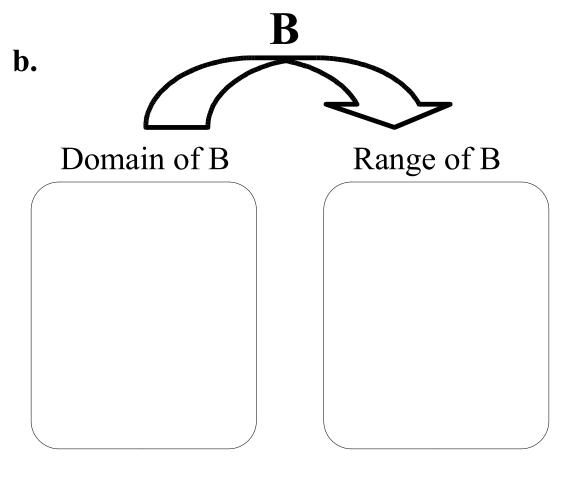
2.
$$B = \{(-4,3), (-4,0), (-4,-3), (0,0), (4,3), (4,0), (4,-3)\}$$

Relation: A relation is a set of ordered pairs.

A relation is given using the listing method in each problem.

(b) Complete the mapping diagram for the relation.

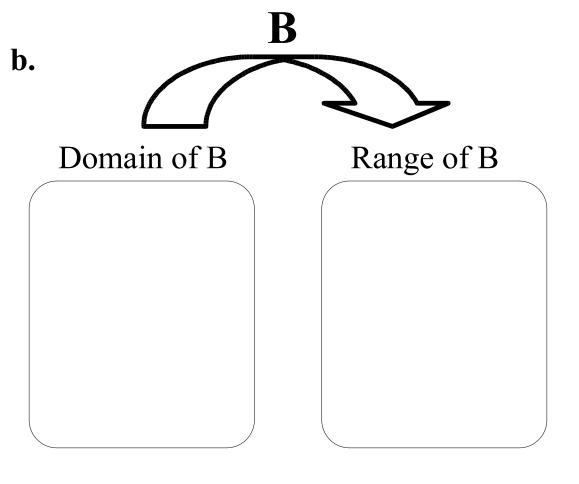
2.
$$B = \{(-4,3), (-4,0), (-4,-3), (0,0), (4,3), (4,0), (4,-3)\}$$



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A relation is given using the listing method in each problem.

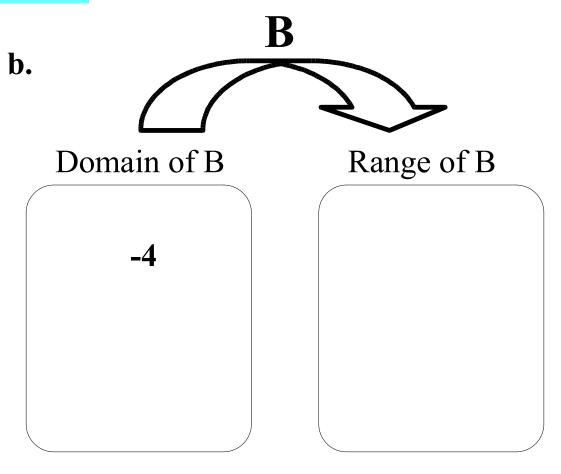
2.
$$B = \{ (-4,3), (-4,0), (-4,-3), (0,0), (4,3), (4,0), (4,-3) \}$$



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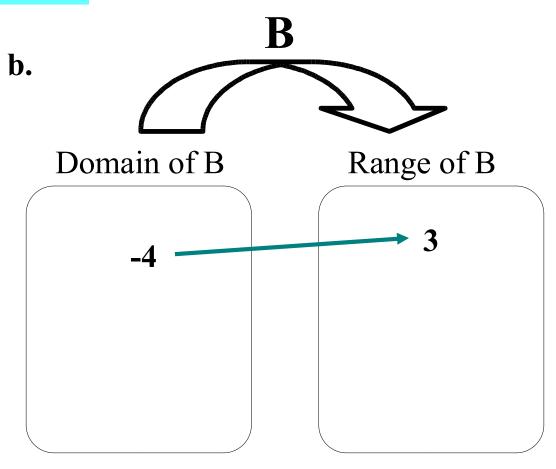
2.
$$B = \{ (-4,3), (-4,0), (-4,-3), (0,0), (4,3), (4,0), (4,-3) \}$$



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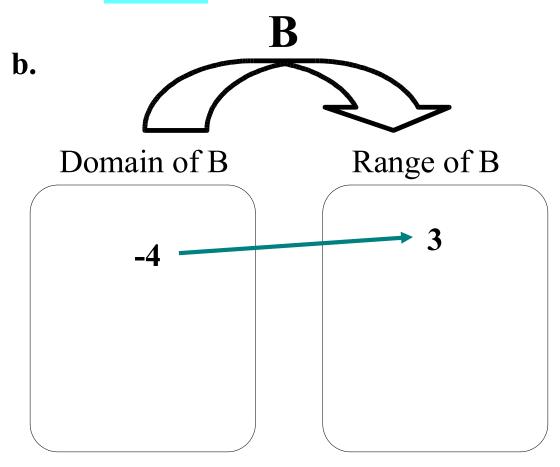
2.
$$B = \{ (-4,3), (-4,0), (-4,-3), (0,0), (4,3), (4,0), (4,-3) \}$$



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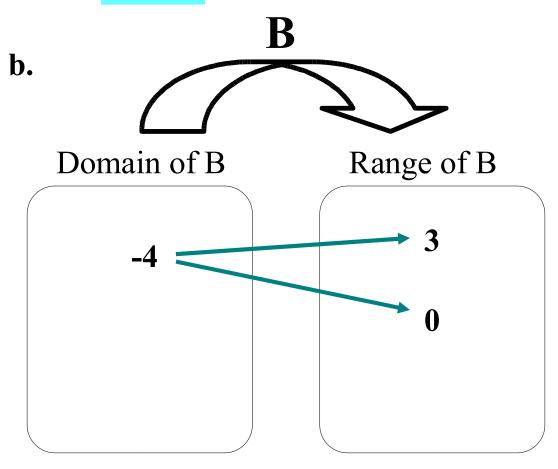
2.
$$B = \{(-4,3), (-4,0), (-4,-3), (0,0), (4,3), (4,0), (4,-3)\}$$



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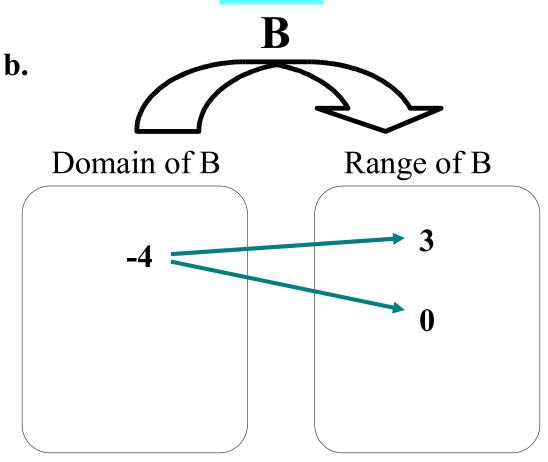
2.
$$B = \{(-4,3), (-4,0), (-4,-3), (0,0), (4,3), (4,0), (4,-3)\}$$



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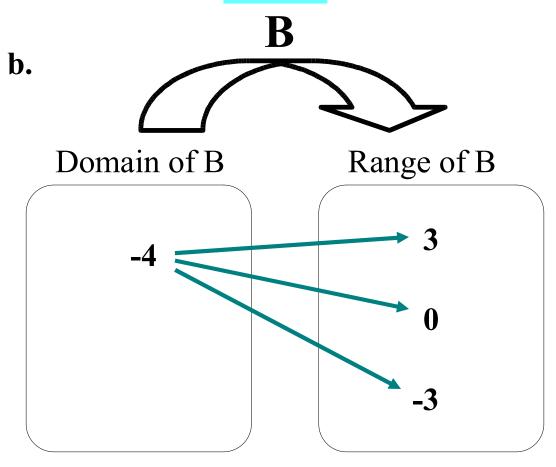
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$$B = \{(-4,3), (-4,0), (-4,-3), (0,0), (4,3), (4,0), (4,-3)\}$$



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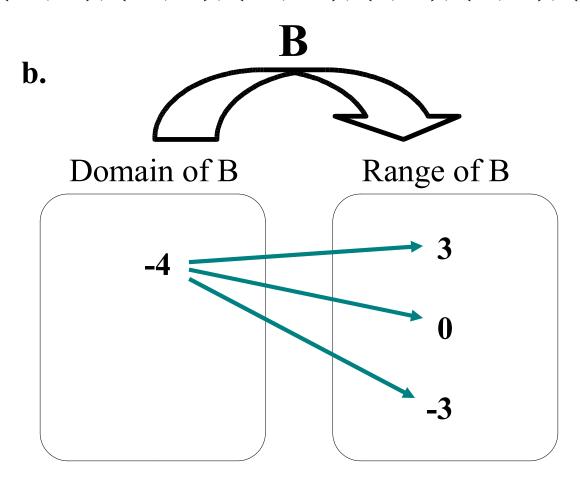
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$$B = \{(-4,3), (-4,0), (-4,-3), (0,0), (4,3), (4,0), (4,-3)\}$$



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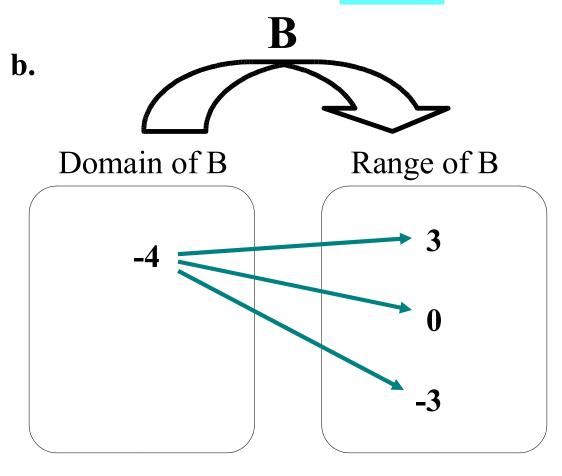
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$$B = \{(-4,3), (-4,0), (-4,-3), (0,0), (4,3), (4,0), (4,-3)\}$$



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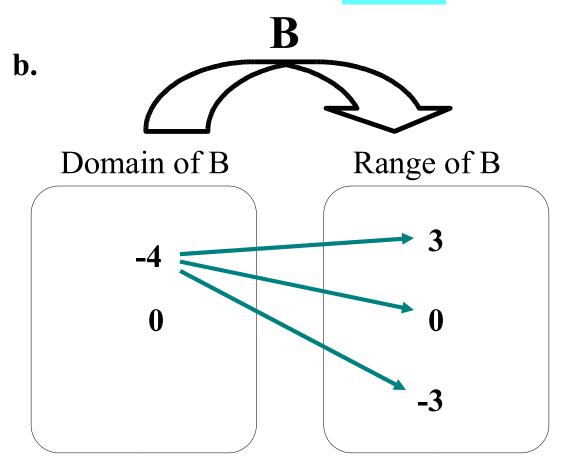
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$$B = \{(-4,3), (-4,0), (-4,-3), (0,0), (4,3), (4,0), (4,-3)\}$$



Relation: A relation is a set of ordered pairs.

A relation is given using the listing method in each problem.

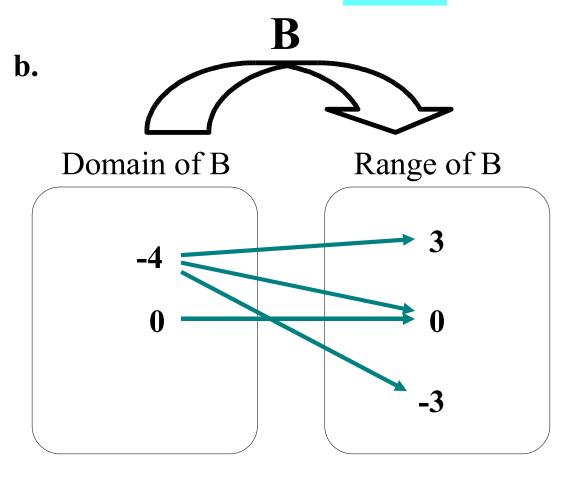
2.
$$B = \{(-4,3), (-4,0), (-4,-3), (0,0), (4,3), (4,0), (4,-3)\}$$



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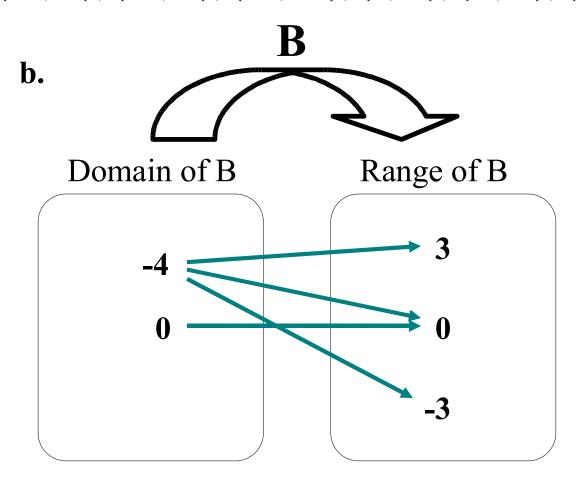
2.
$$B = \{(-4,3), (-4,0), (-4,-3), (0,0), (4,3), (4,0), (4,-3)\}$$



Relation: A relation is a set of ordered pairs.

A relation is given using the listing method in each problem.

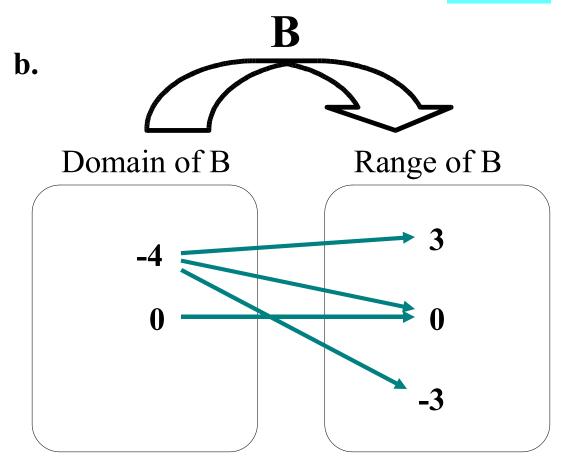
2.
$$B = \{(-4,3), (-4,0), (-4,-3), (0,0), (4,3), (4,0), (4,-3)\}$$



Relation: A relation is a set of ordered pairs.

A relation is given using the listing method in each problem.

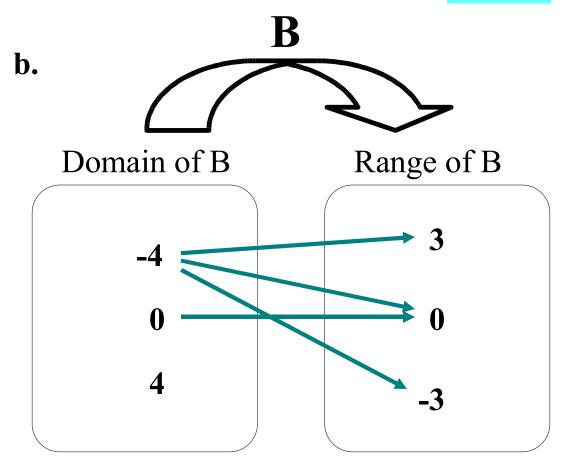
2.
$$B = \{(-4,3), (-4,0), (-4,-3), (0,0), (4,3), (4,0), (4,-3)\}$$



Relation: A relation is a set of ordered pairs.

A relation is given using the listing method in each problem.

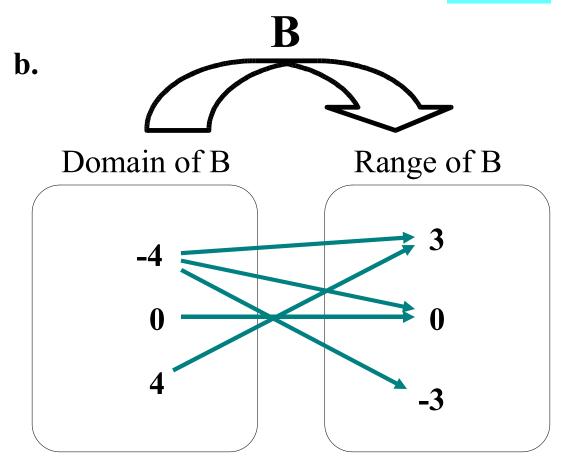
2.
$$B = \{(-4,3), (-4,0), (-4,-3), (0,0), (4,3), (4,0), (4,-3)\}$$



Relation: A relation is a set of ordered pairs.

A relation is given using the listing method in each problem.

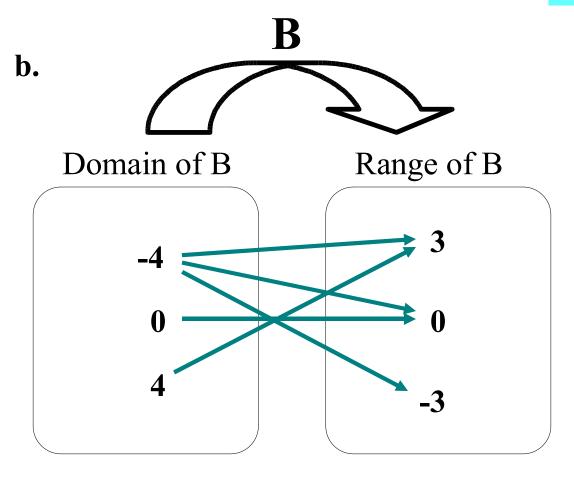
2.
$$B = \{(-4,3), (-4,0), (-4,-3), (0,0), (4,3), (4,0), (4,-3)\}$$



Relation: A relation is a set of ordered pairs.

A relation is given using the listing method in each problem.

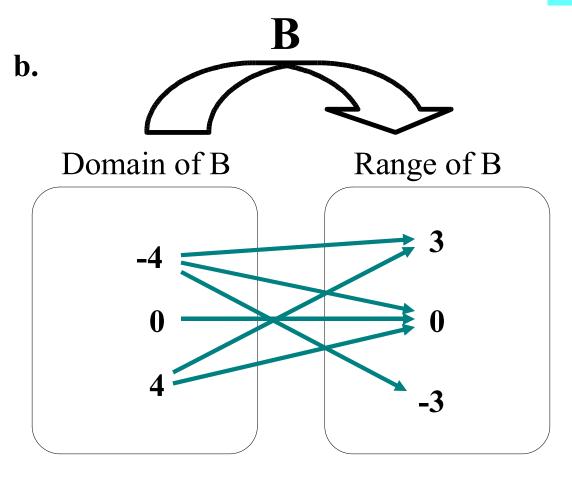
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$$B = \{(-4,3), (-4,0), (-4,-3), (0,0), (4,3), (4,0), (4,-3)\}$$



Relation: A relation is a set of ordered pairs.

A relation is given using the listing method in each problem.

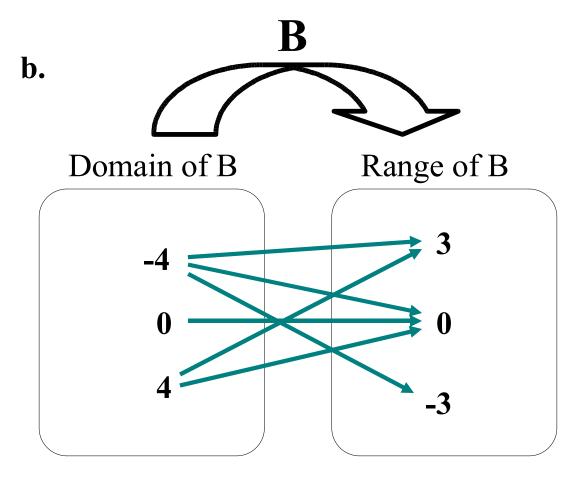
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$$B = \{(-4,3), (-4,0), (-4,-3), (0,0), (4,3), (4,0), (4,-3)\}$$



Relation: A relation is a set of ordered pairs.

A relation is given using the listing method in each problem.

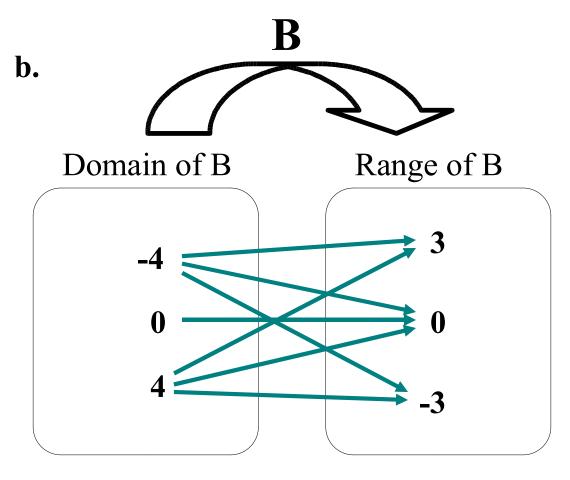
2.
$$B = \{(-4,3), (-4,0), (-4,-3), (0,0), (4,3), (4,0), (4,-3)\}$$



Relation: A relation is a set of ordered pairs.

A relation is given using the listing method in each problem.

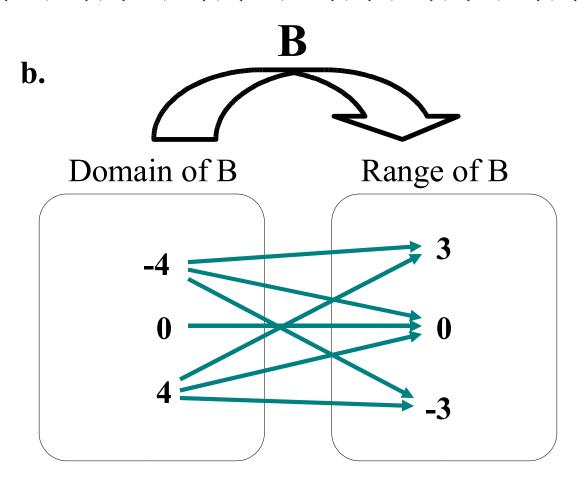
2.
$$B = \{(-4,3), (-4,0), (-4,-3), (0,0), (4,3), (4,0), (4,-3)\}$$



Relation: A relation is a set of ordered pairs.

A relation is given using the listing method in each problem.

2.
$$B = \{(-4,3), (-4,0), (-4,-3), (0,0), (4,3), (4,0), (4,-3)\}$$



Relation: A relation is a set of ordered pairs.

A relation is given using a graph in each problem.

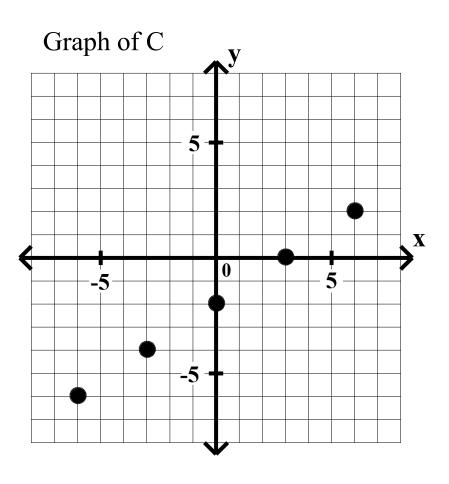
- (a) Describe the relation using the listing method.
- (b) Complete the mapping diagram for the relation.

Relation: A relation is a set of ordered pairs.

A relation is given using a graph in each problem.

Relation: A relation is a set of ordered pairs.

A relation is given using a graph in each problem.

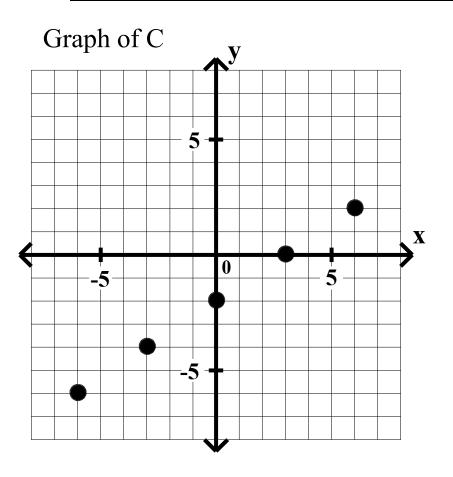


Relation: A relation is a set of ordered pairs.

A relation is given using a graph in each problem.

(a) Describe the relation using the listing method.

3. C =

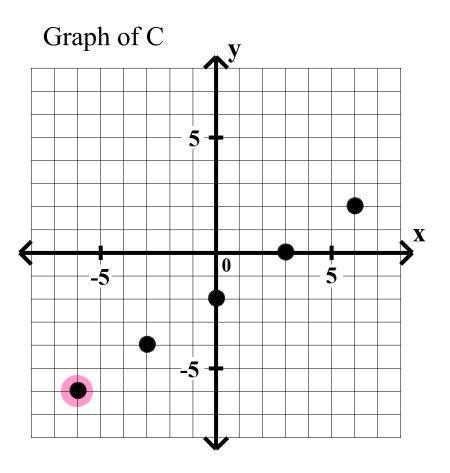


Relation: A relation is a set of ordered pairs.

A relation is given using a graph in each problem.

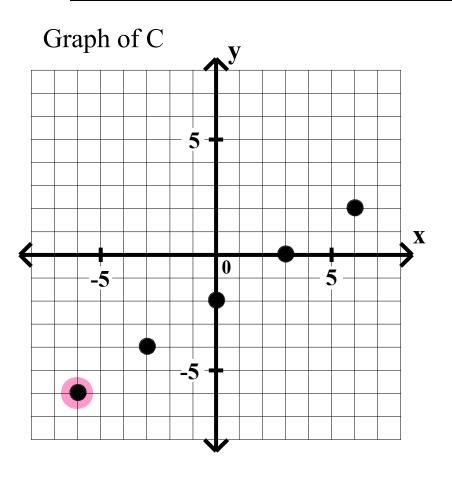
(a) Describe the relation using the listing method.

3. C =



Relation: A relation is a set of ordered pairs.

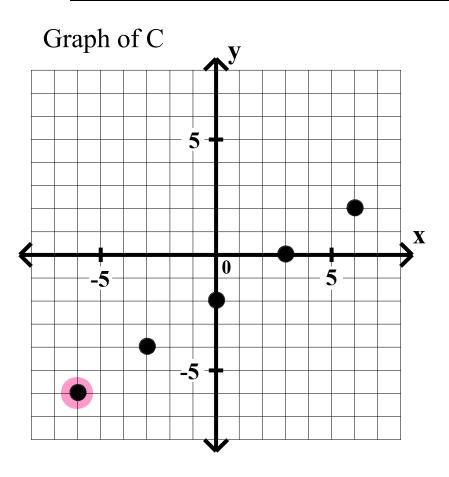
A relation is given using a graph in each problem.



Relation: A relation is a set of ordered pairs.

A relation is given using a graph in each problem.

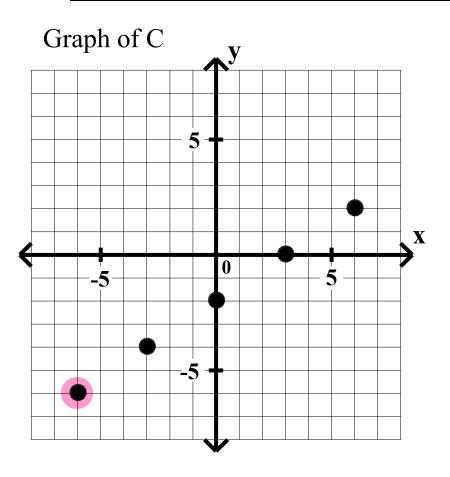
3.
$$C = \{ (-6)$$



Relation: A relation is a set of ordered pairs.

A relation is given using a graph in each problem.

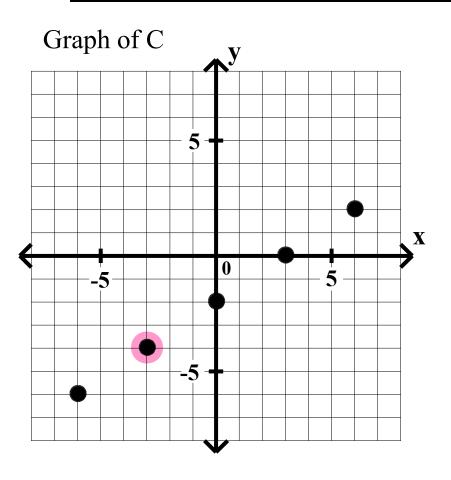
3.
$$C = \{ (-6, -6) \}$$



Relation: A relation is a set of ordered pairs.

A relation is given using a graph in each problem.

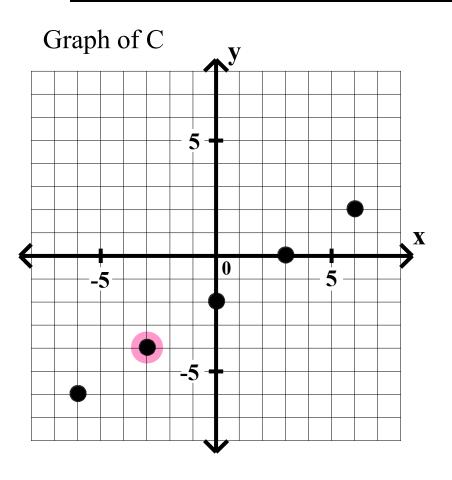
3.
$$C = \{ (-6, -6) \}$$



Relation: A relation is a set of ordered pairs.

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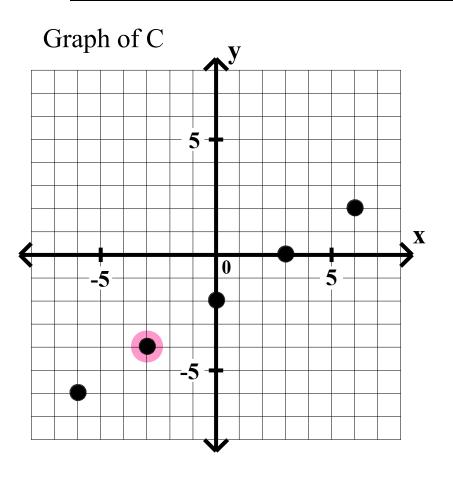
3.
$$C = \{ (-6, -6),$$



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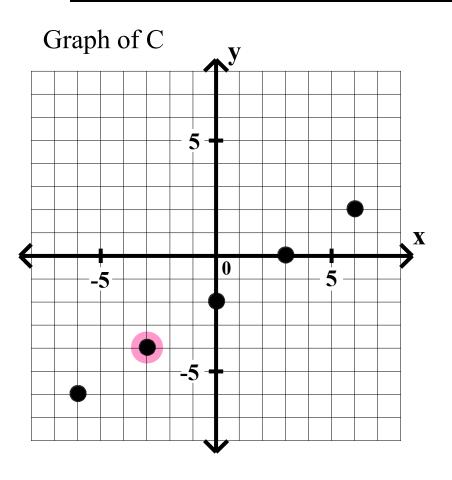
3.
$$C = \{ (-6, -6), (-3, -6) \}$$



Relation: A relation is a set of ordered pairs.

A relation is given using a graph in each problem.

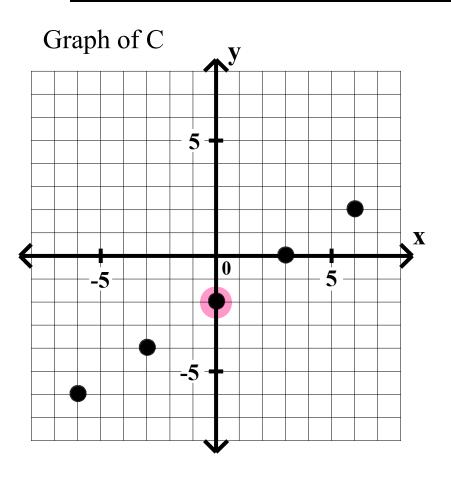
3.
$$C = \{ (-6, -6), (-3, -4) \}$$



Relation: A relation is a set of ordered pairs.

A relation is given using a graph in each problem.

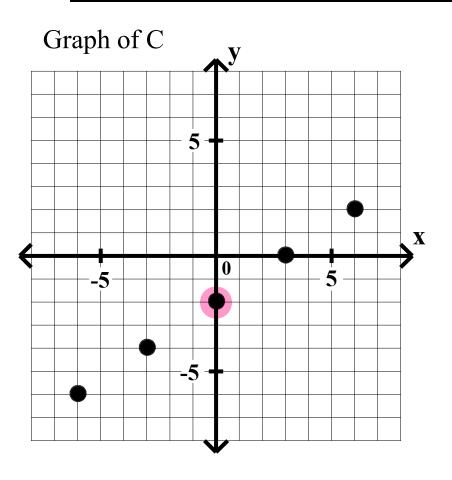
3.
$$C = \{ (-6, -6), (-3, -4) \}$$



Relation: A relation is a set of ordered pairs.

A relation is given using a graph in each problem.

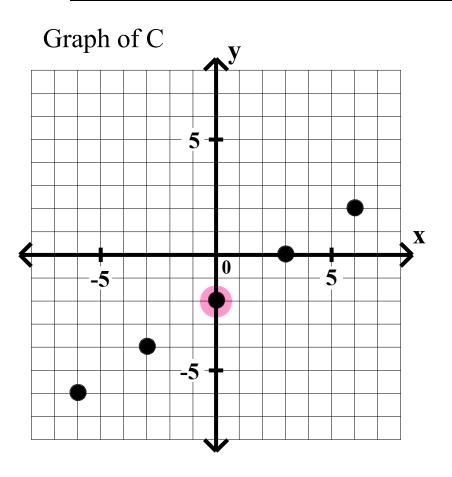
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$$C = \{ (-6, -6), (-3, -4),$$



Relation: A relation is a set of ordered pairs.

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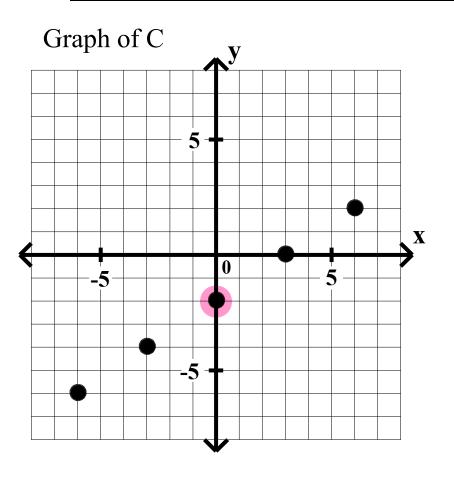
3.
$$C = \{ (-6, -6), (-3, -4), (0, -6) \}$$



Relation: A relation is a set of ordered pairs.

A relation is given using a graph in each problem.

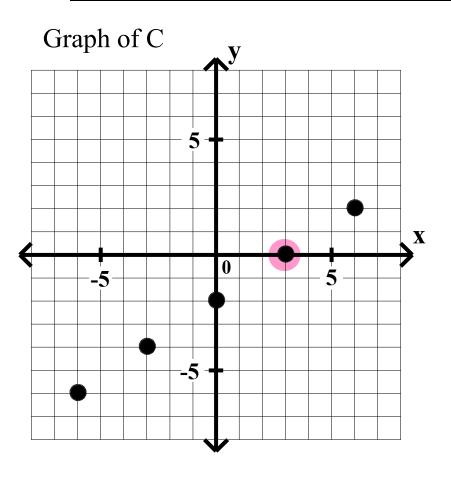
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$$C = \{ (-6, -6), (-3, -4), (0, -2) \}$$



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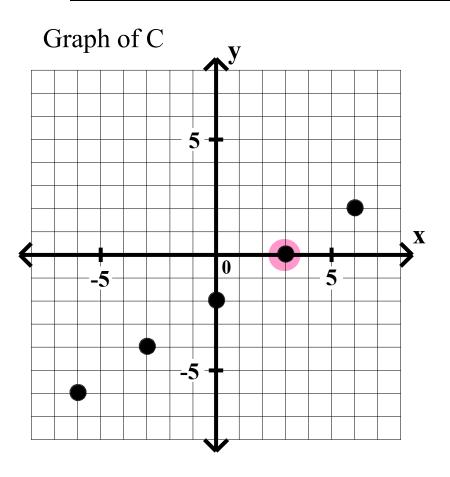
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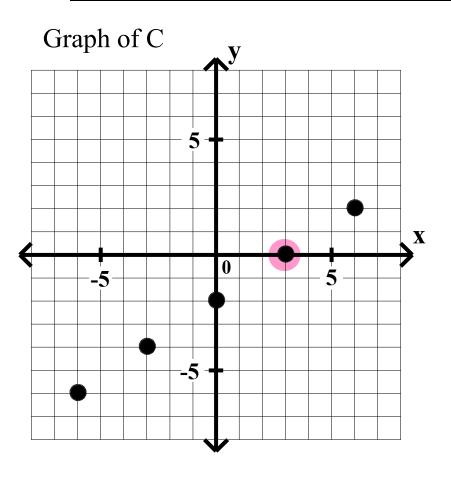
3.
$$C = \{ (-6, -6), (-3, -4), (0, -2),$$



Relation: A relation is a set of ordered pairs.

A relation is given using a graph in each problem.

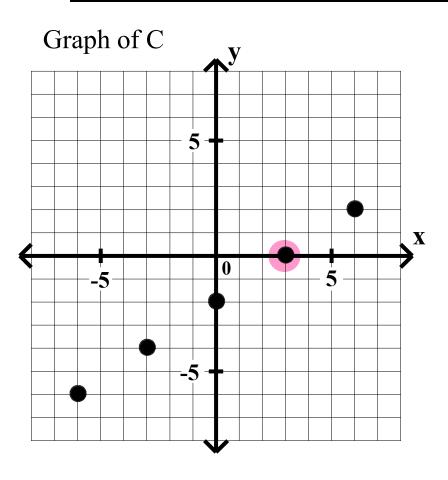
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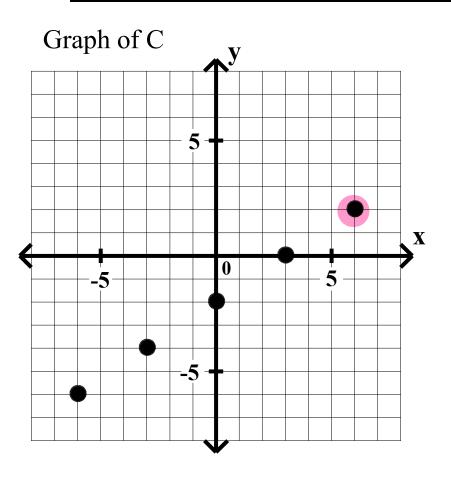
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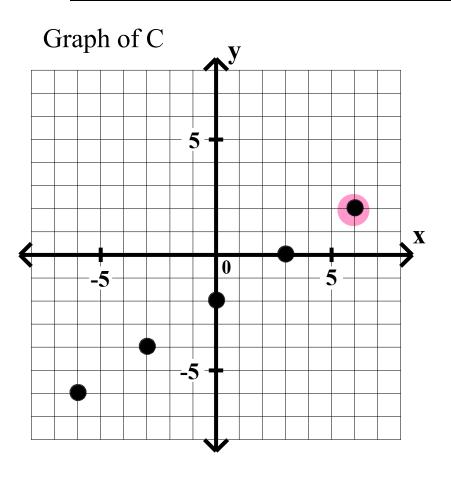
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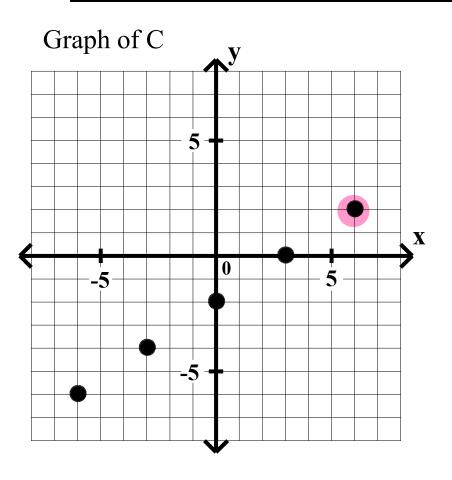
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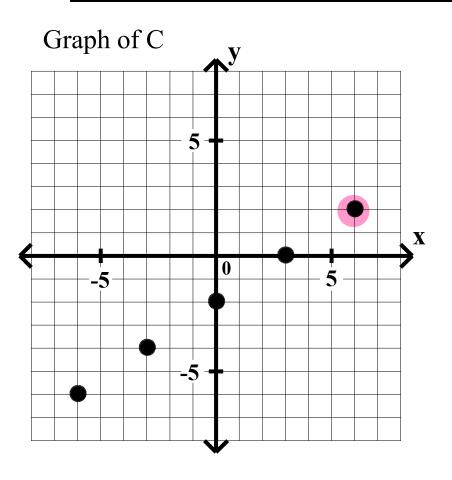
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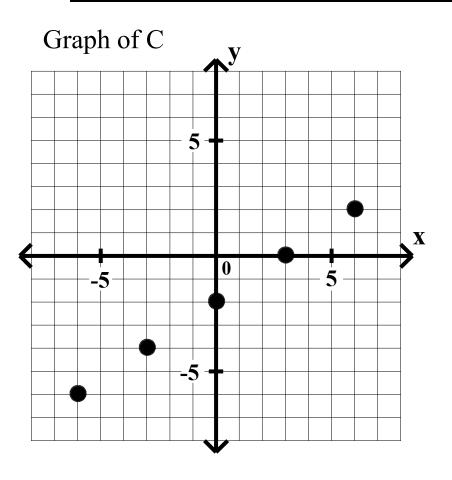
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$$C = \{ (-6, -6), (-3, -4), (0, -2), (3, 0), (6, 2) \}$$



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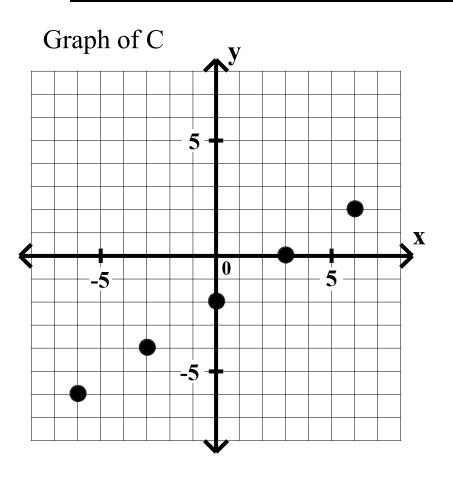
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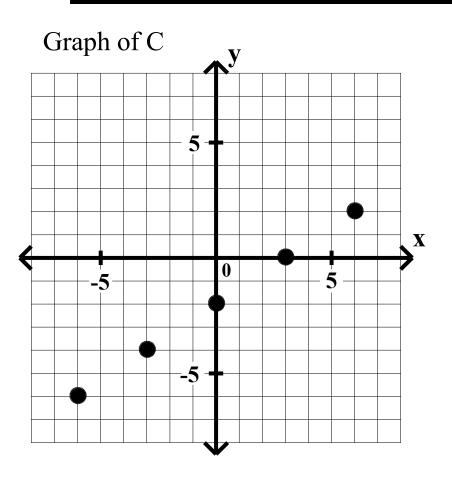
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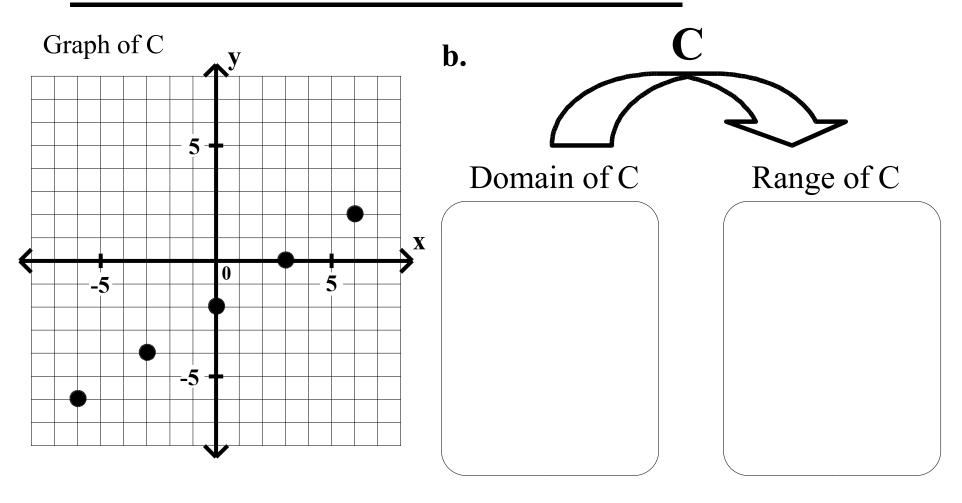
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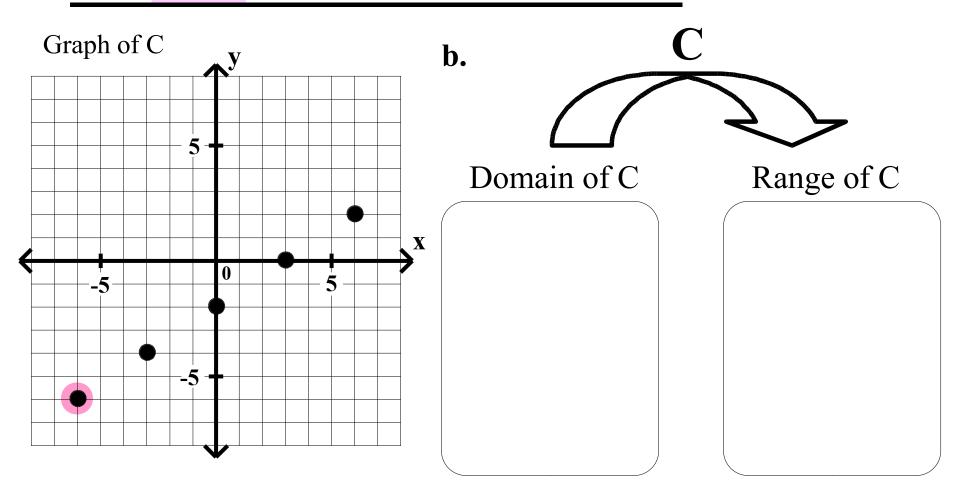
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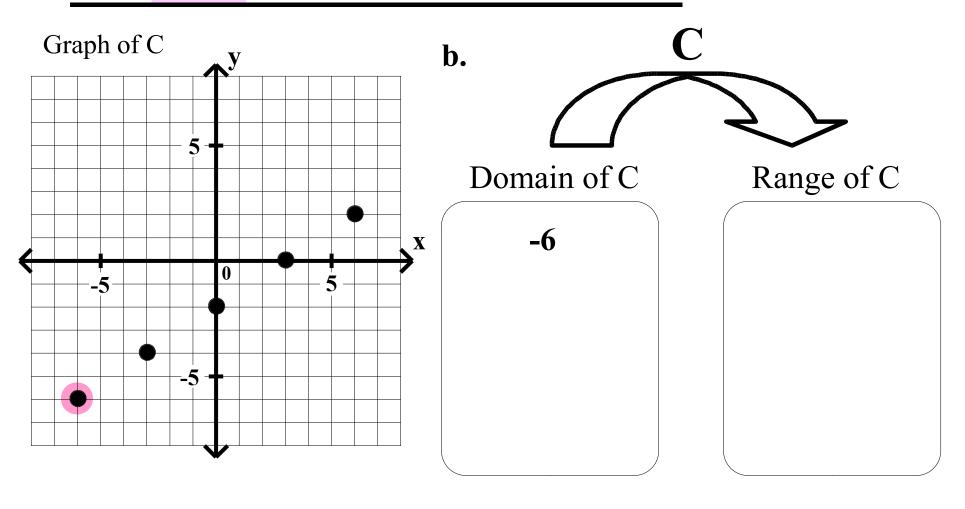
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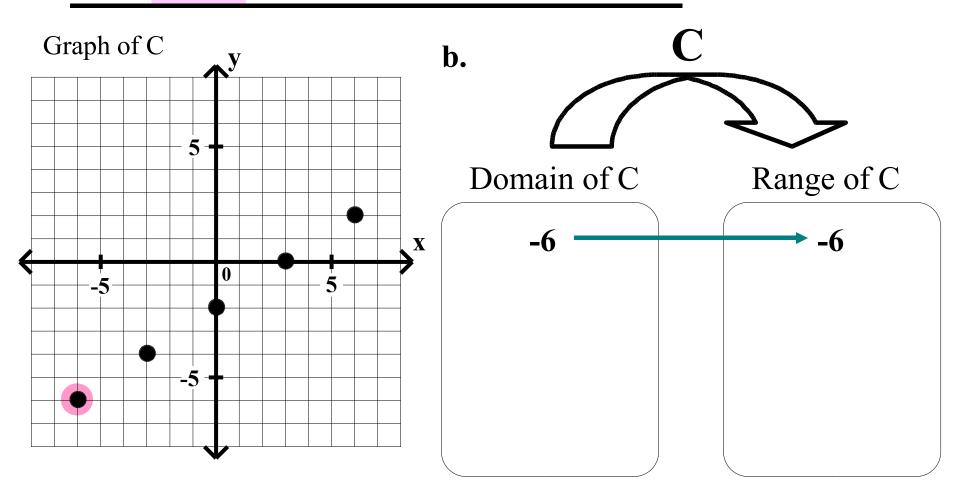
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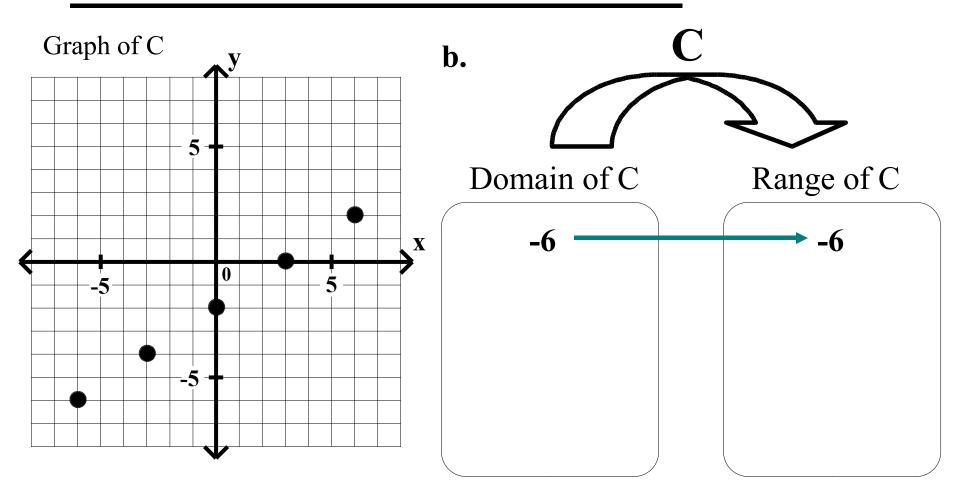
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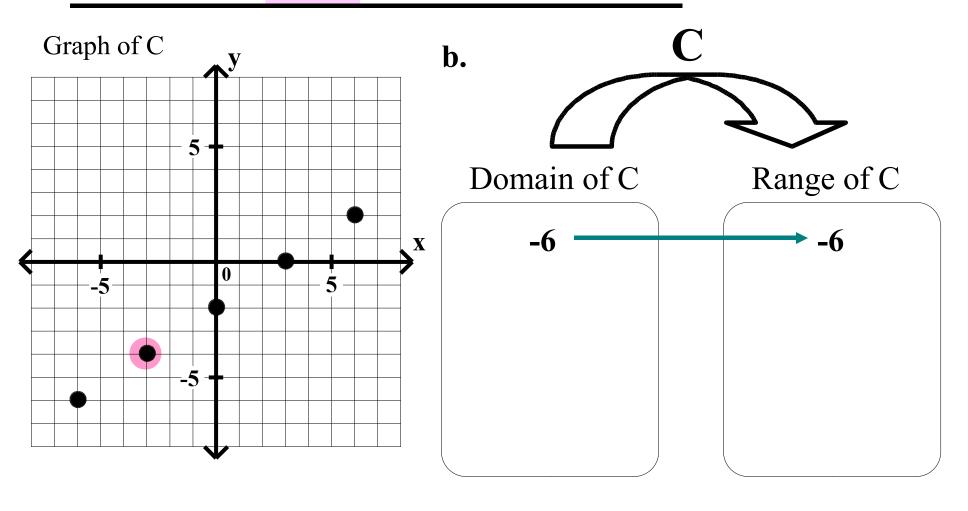
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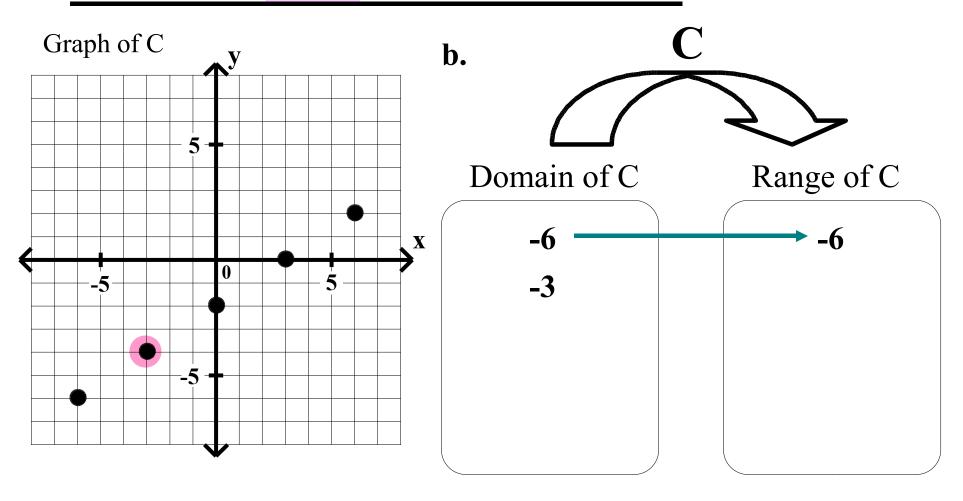
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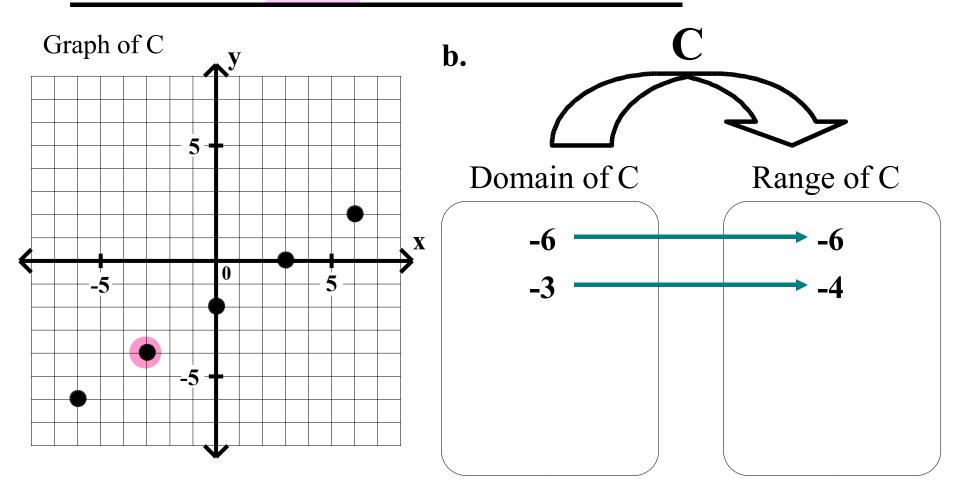
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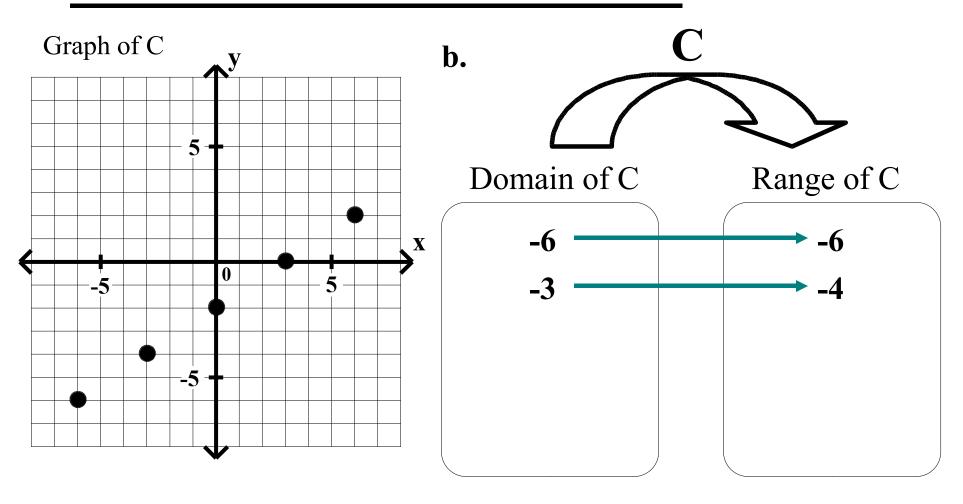
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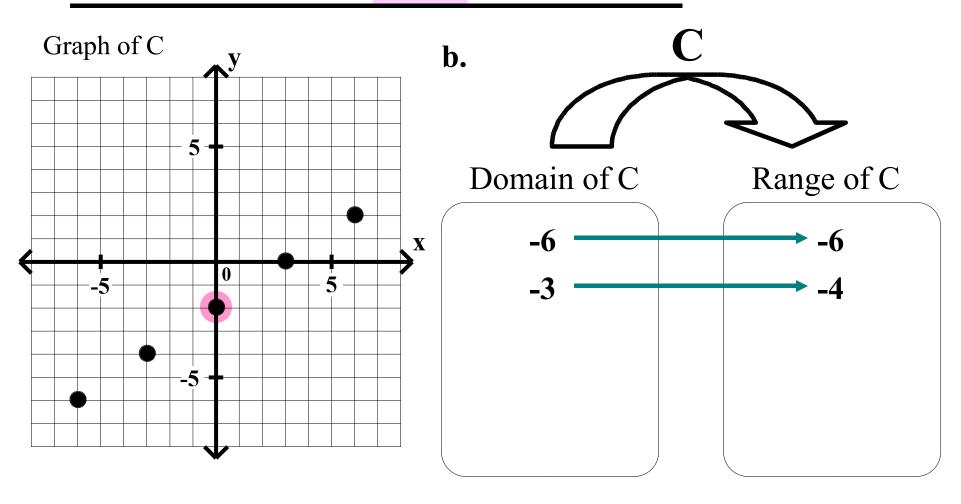
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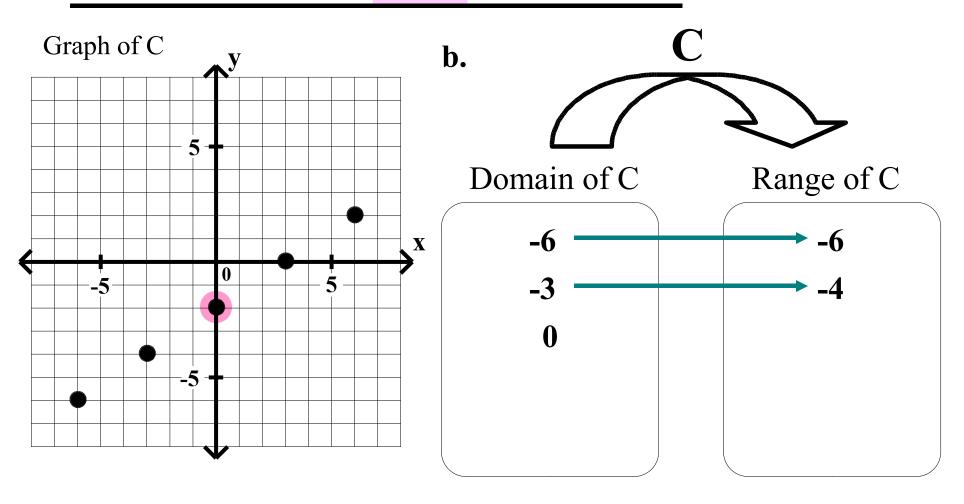
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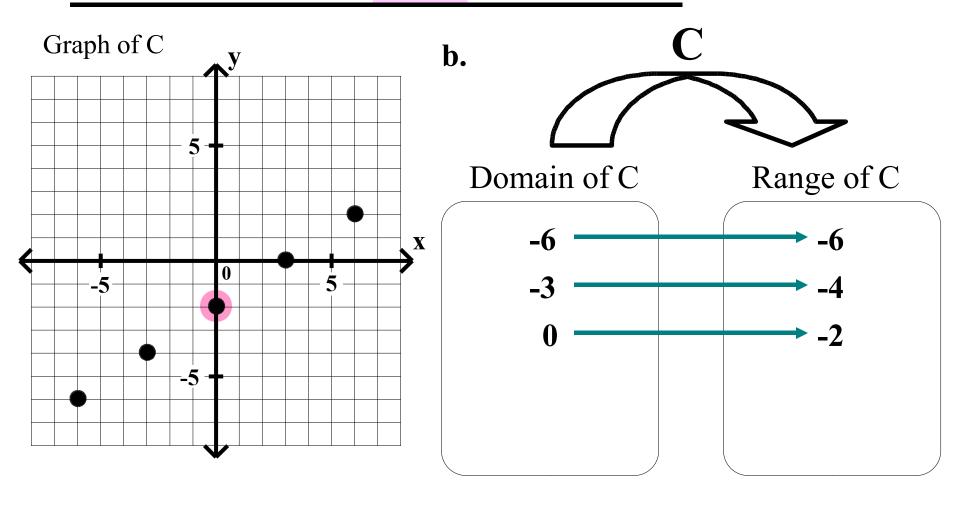
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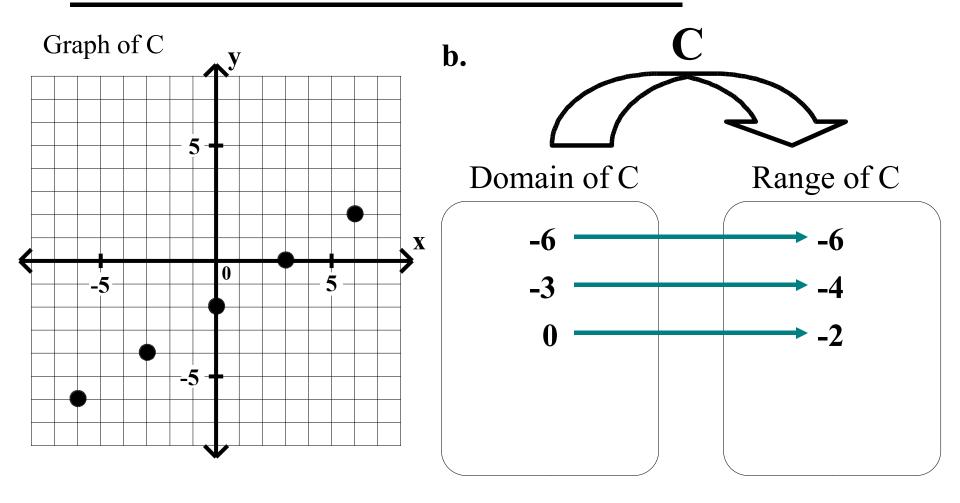
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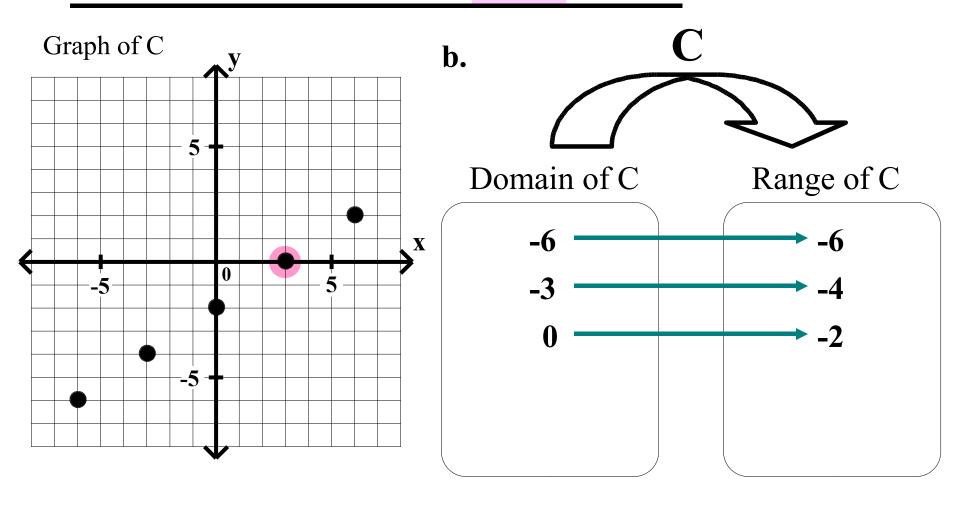
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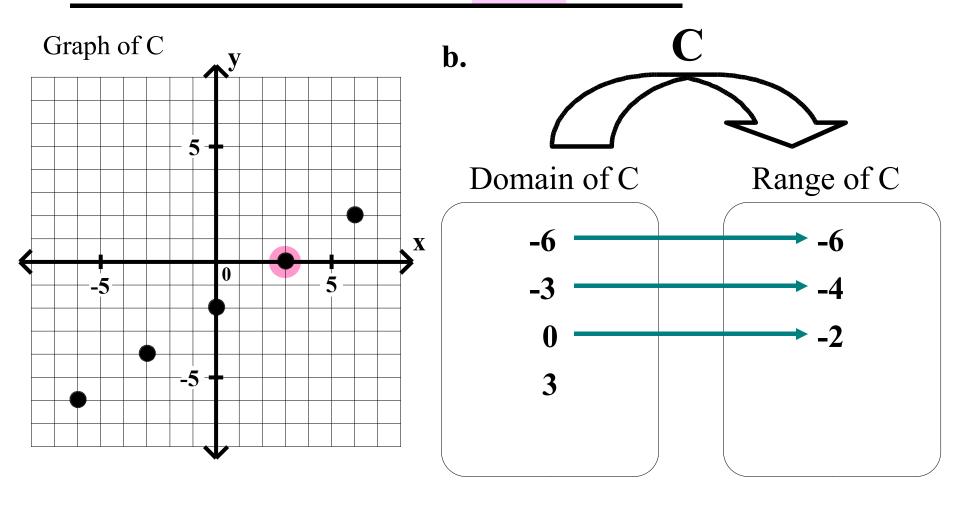
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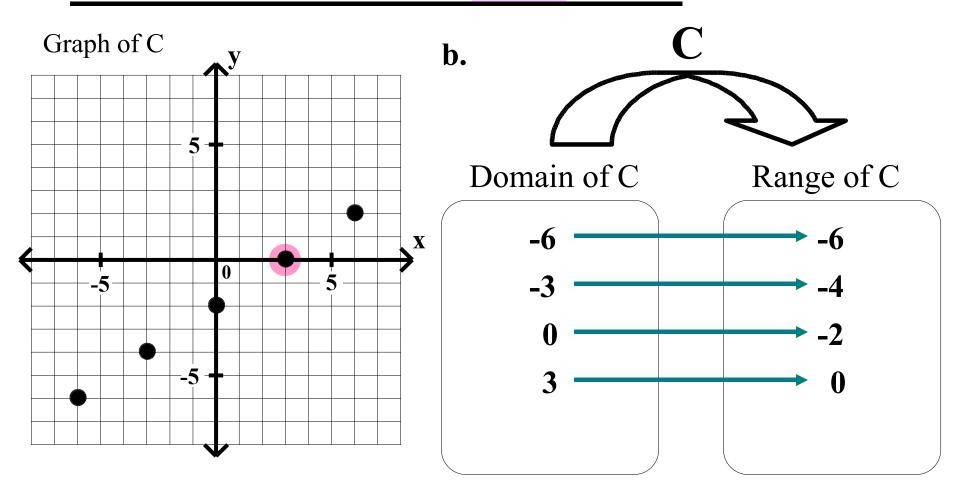
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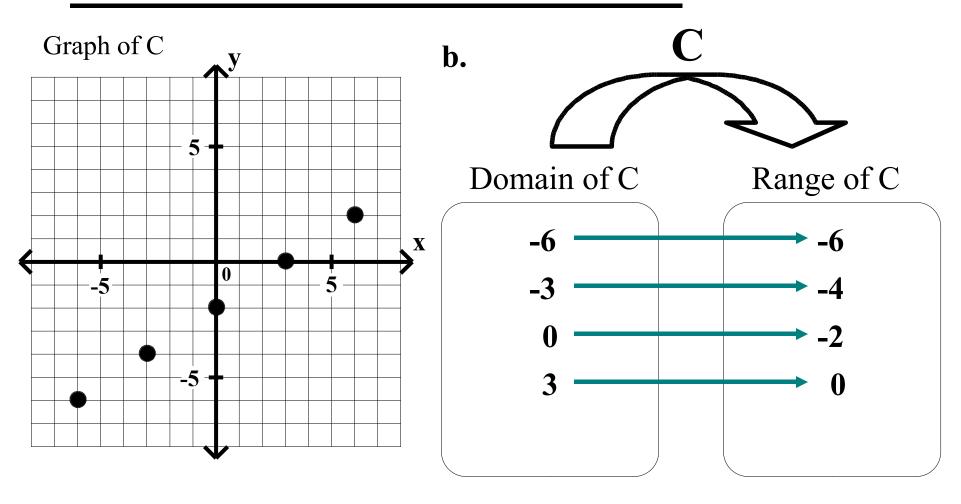
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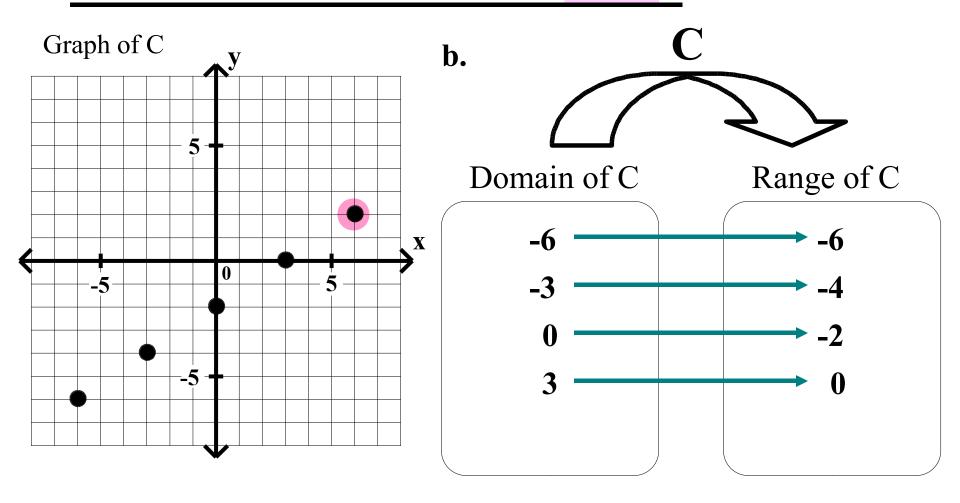
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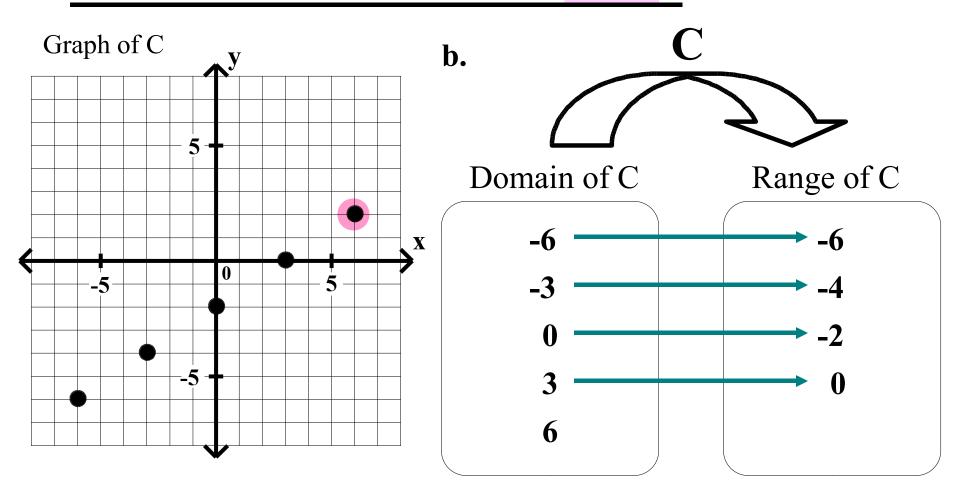
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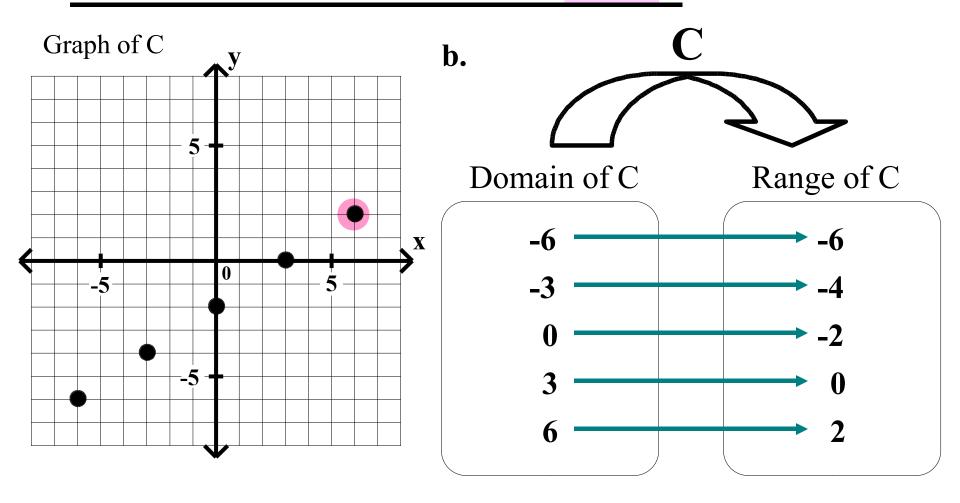
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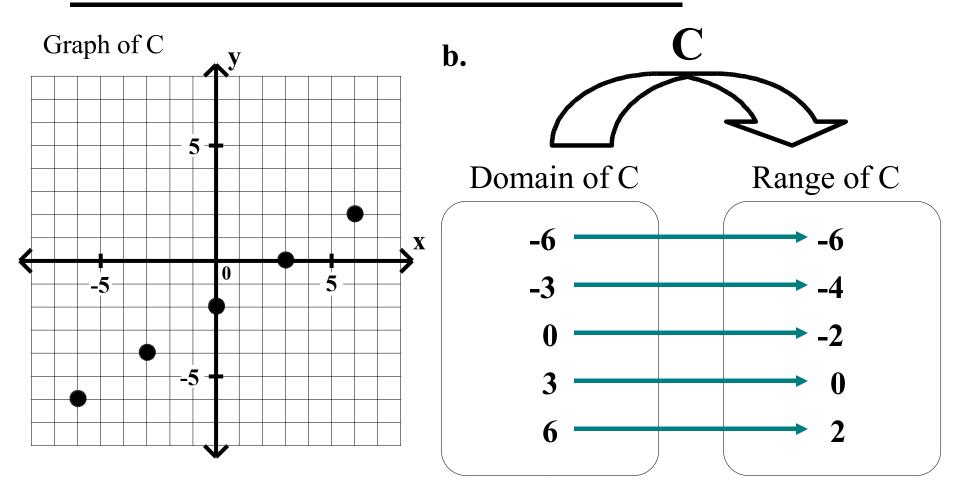
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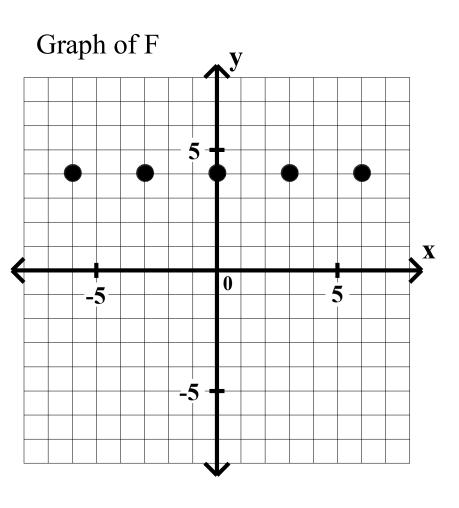


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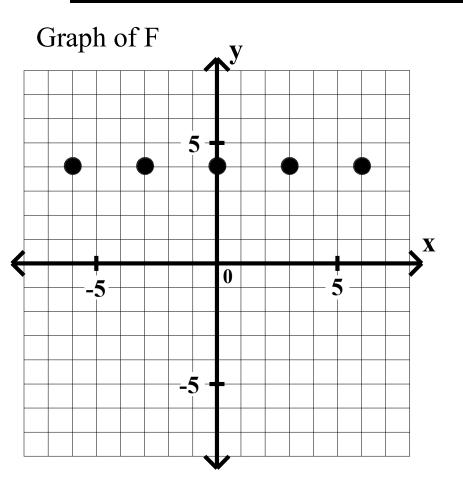


Relation: A relation is a set of ordered pairs.

A relation is given using a graph in each problem.

(a) Describe the relation using the listing method.

4.

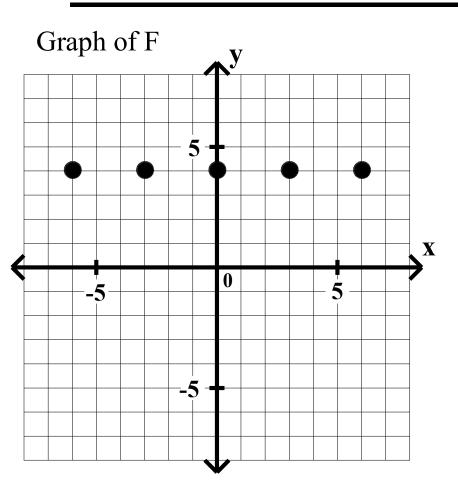


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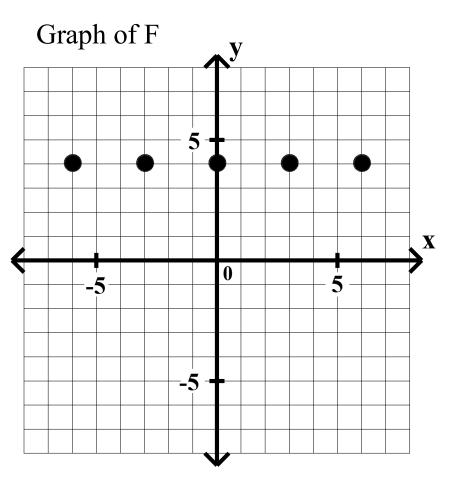
4. F =



Relation: A relation is a set of ordered pairs.

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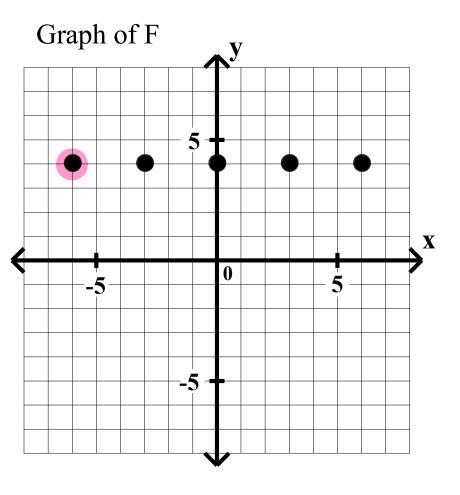
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$$F = {$$



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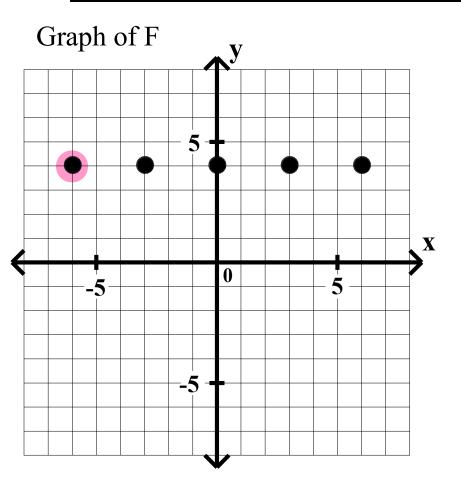
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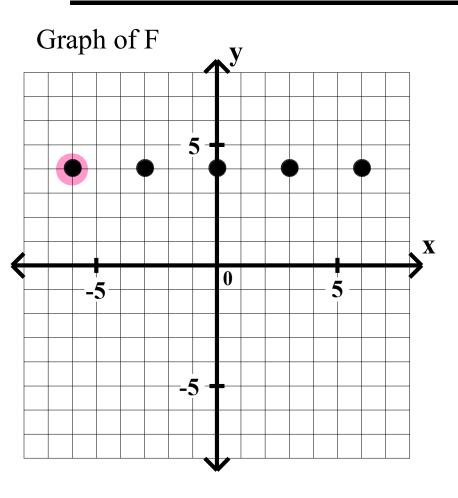
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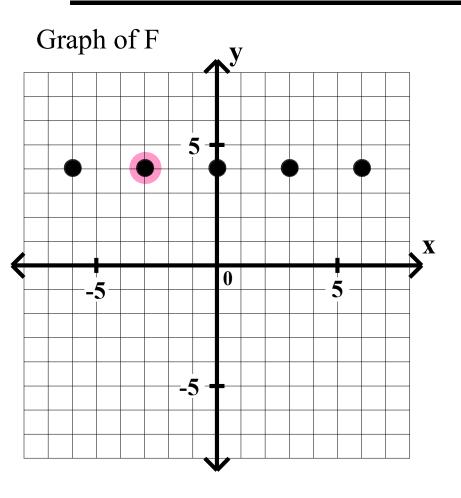
4.
$$F = \{ (-6, 4) \}$$



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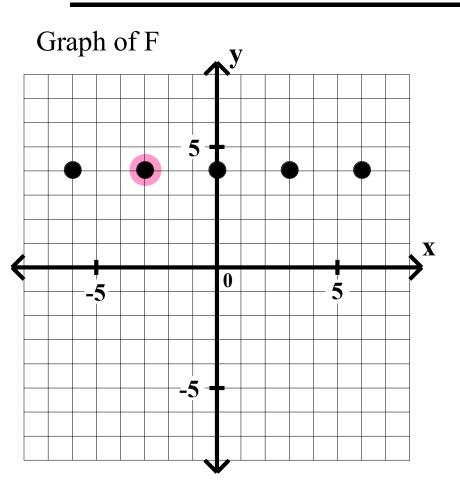
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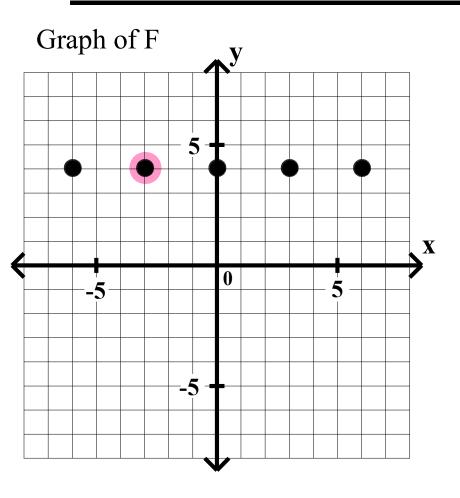
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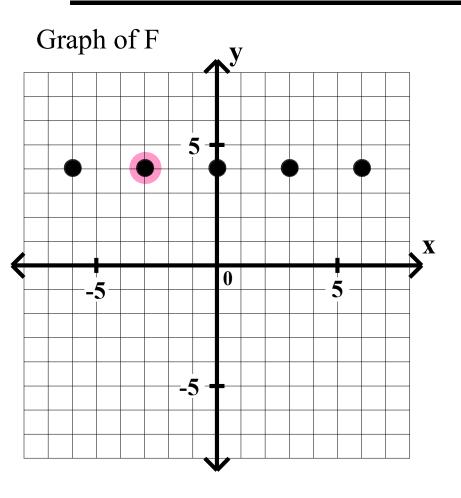
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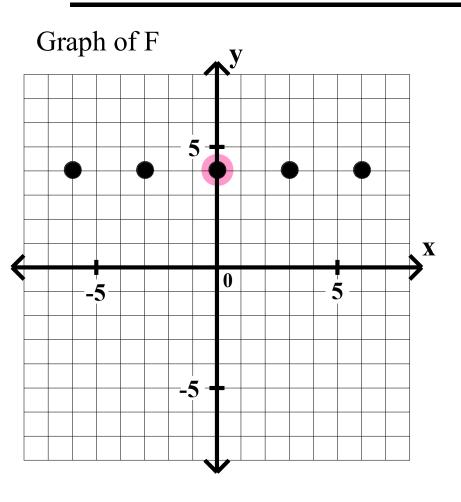
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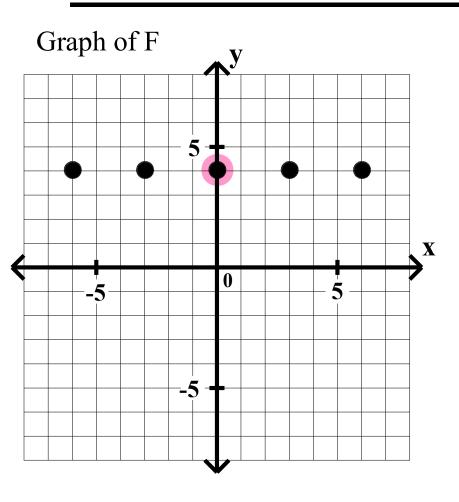
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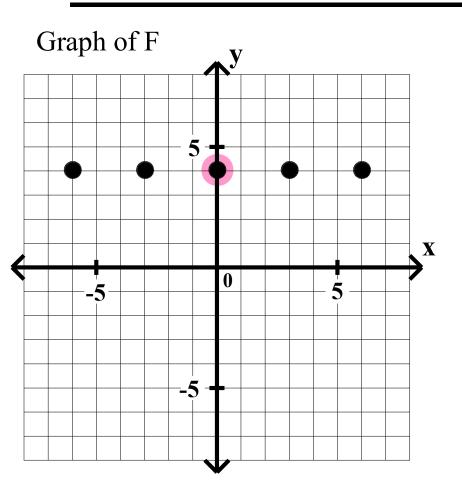
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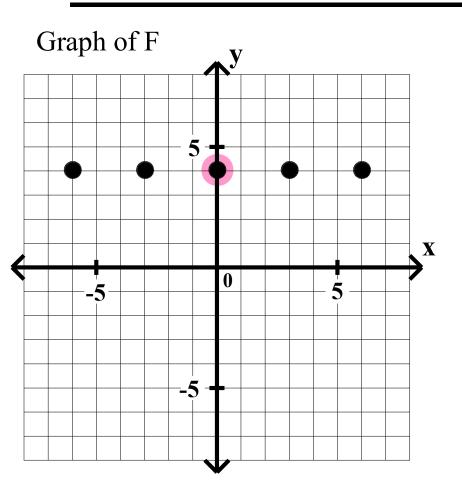
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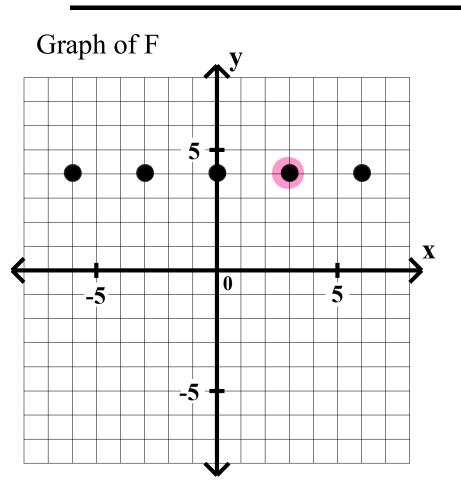
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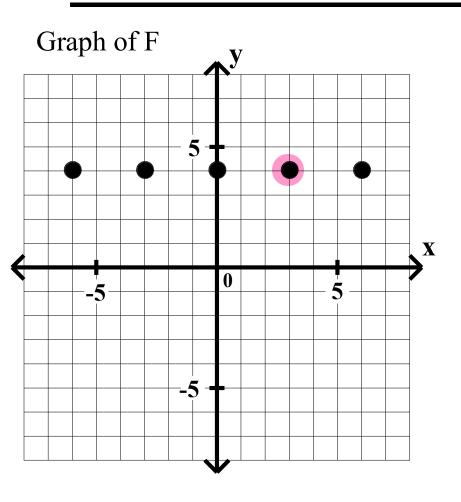
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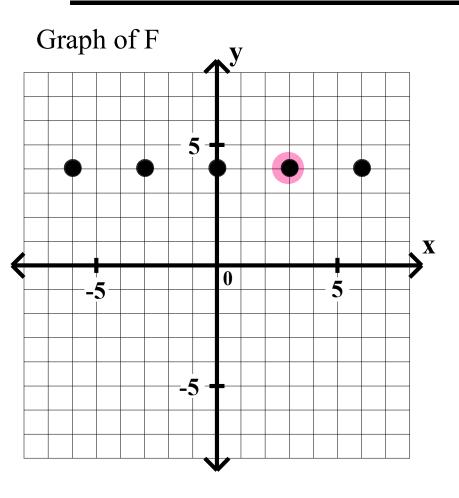
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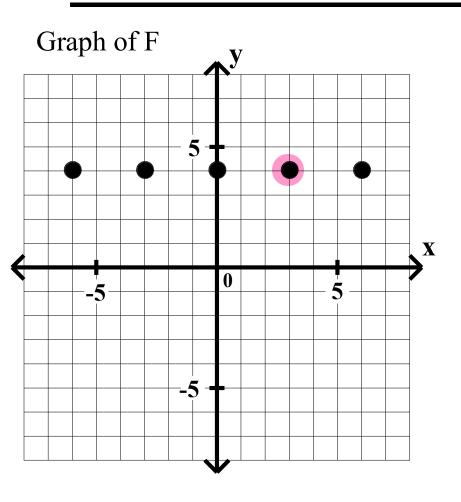
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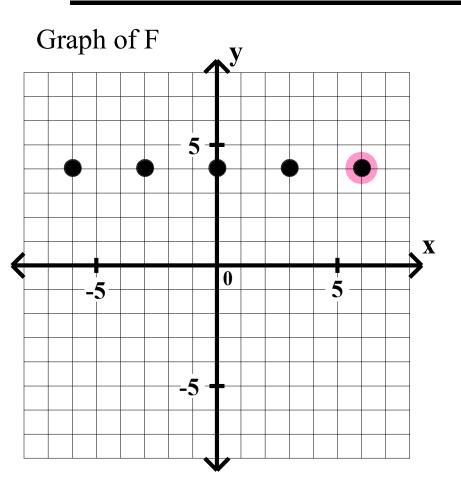
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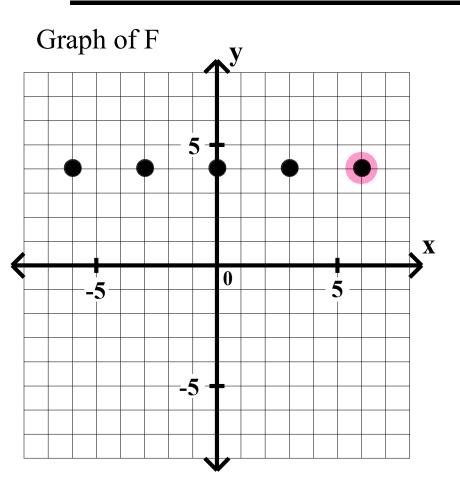
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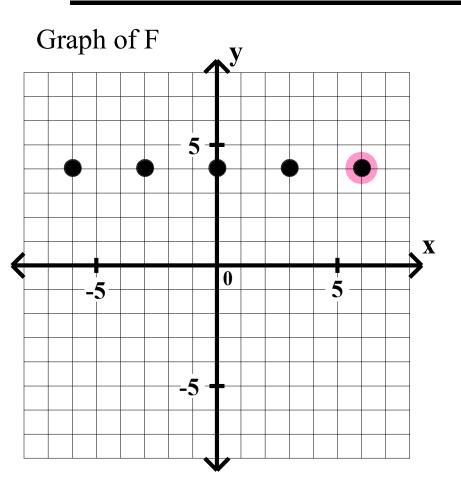
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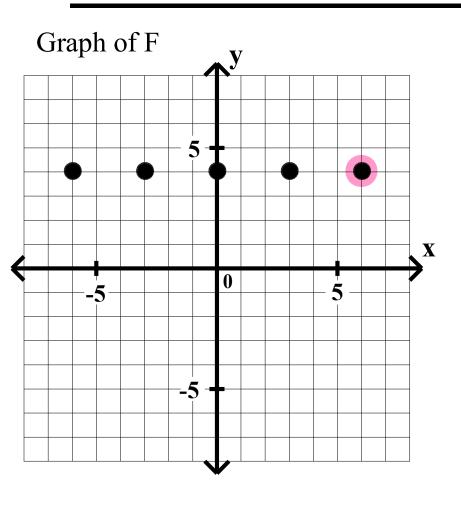
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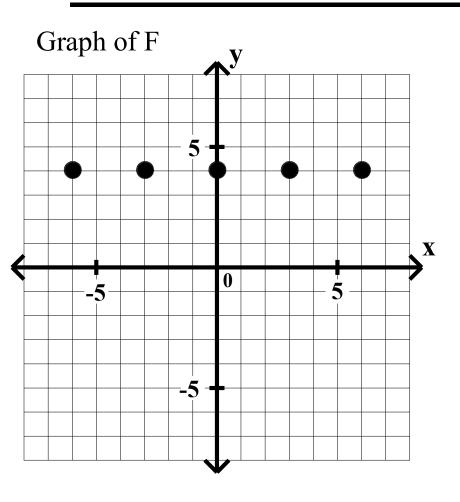
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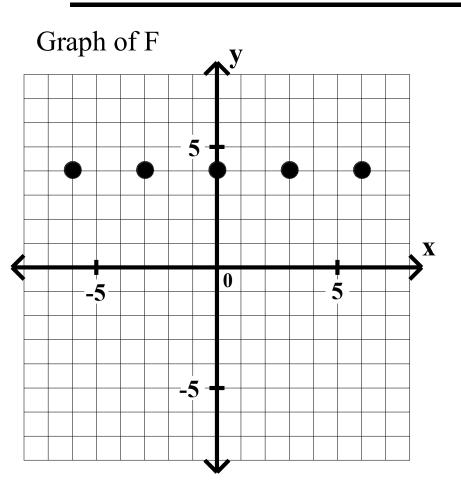
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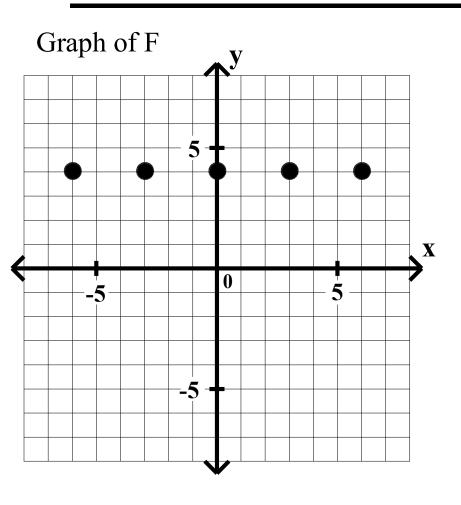
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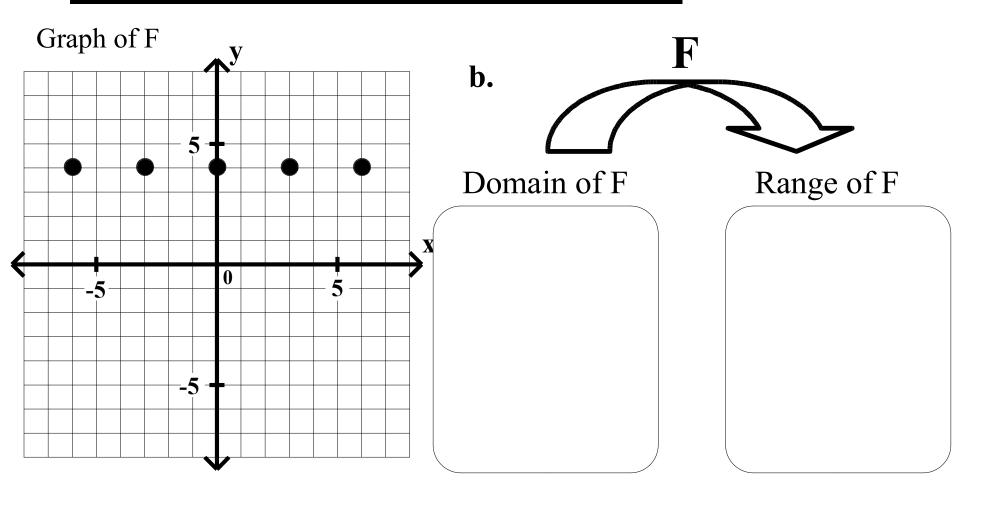
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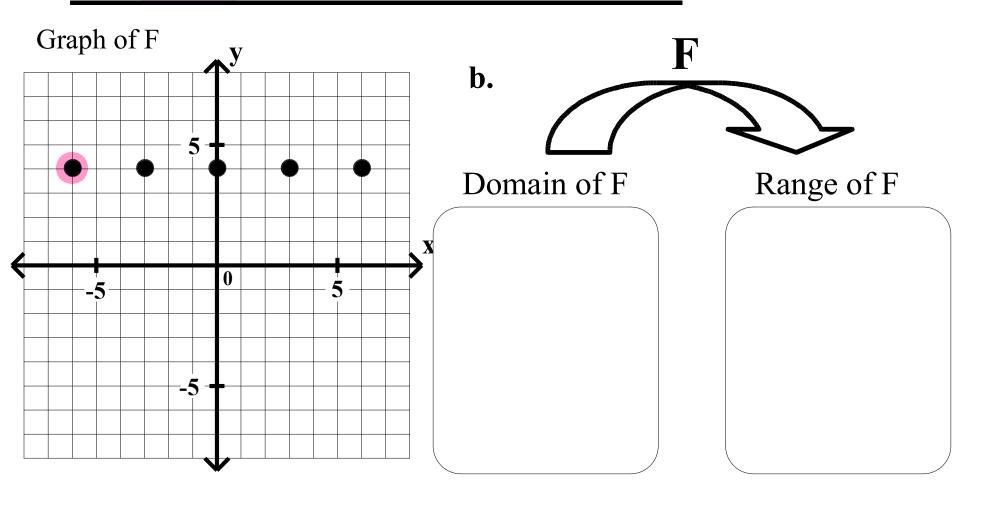
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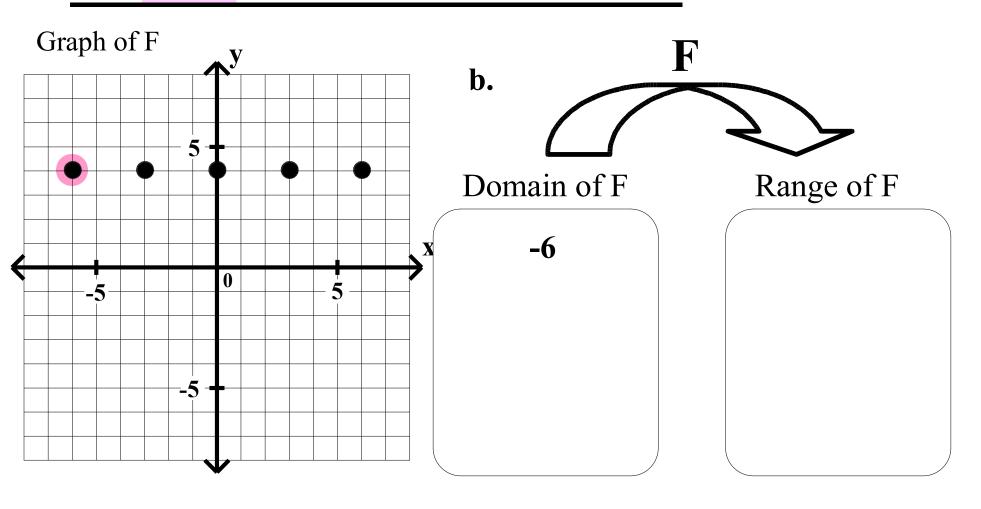
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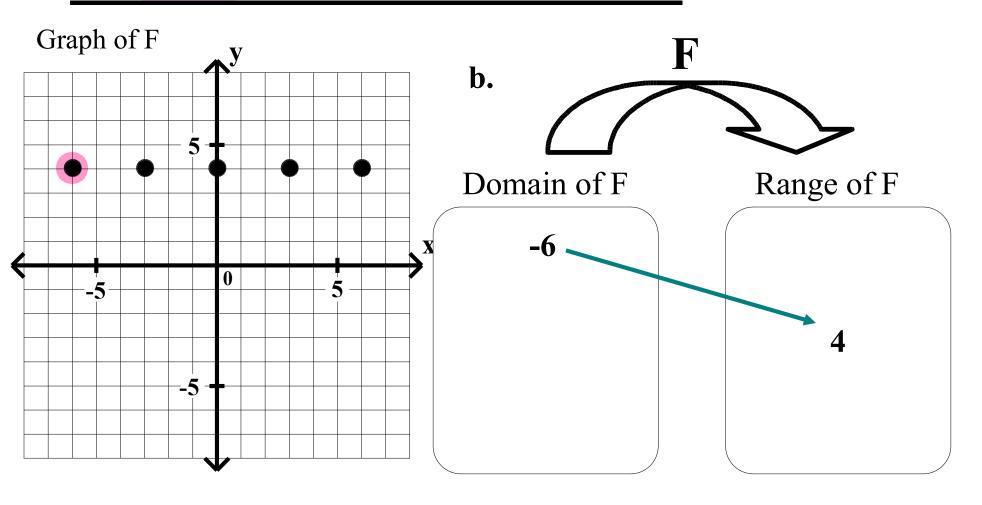
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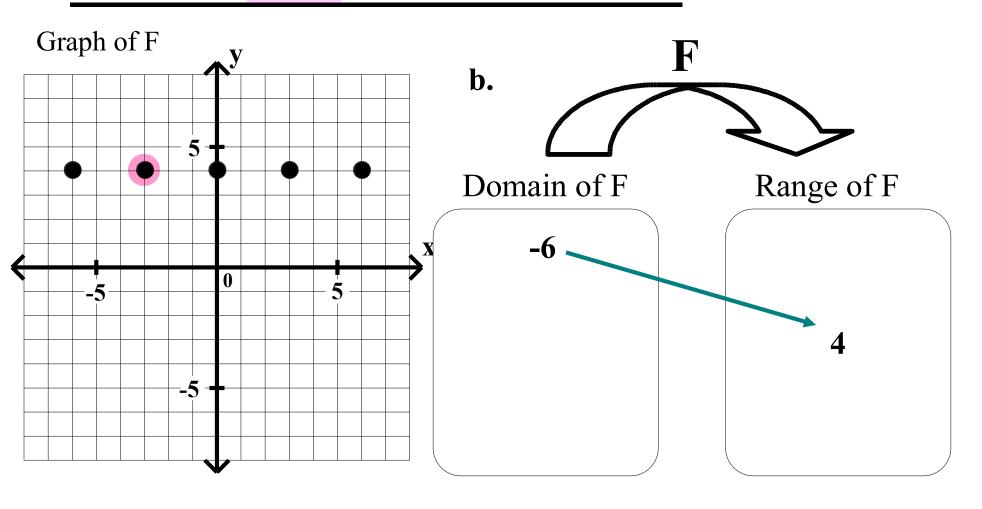
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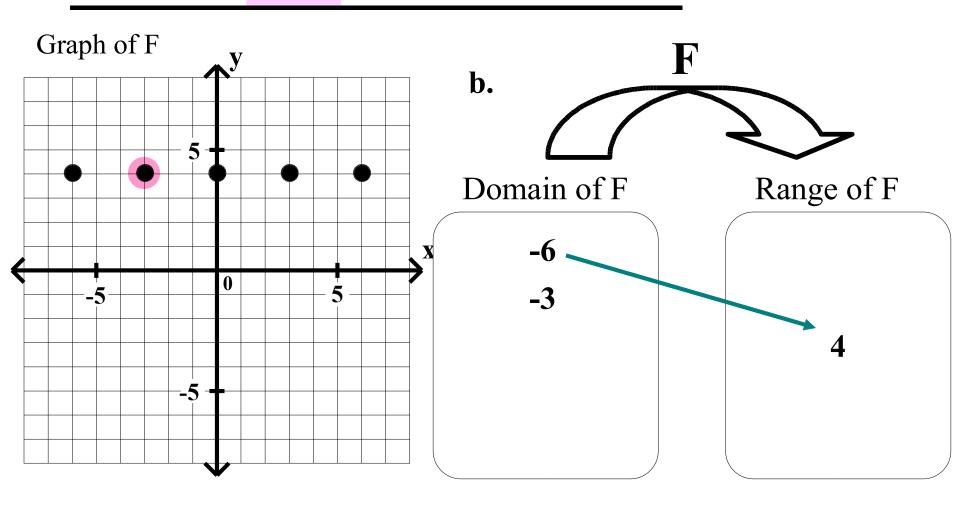
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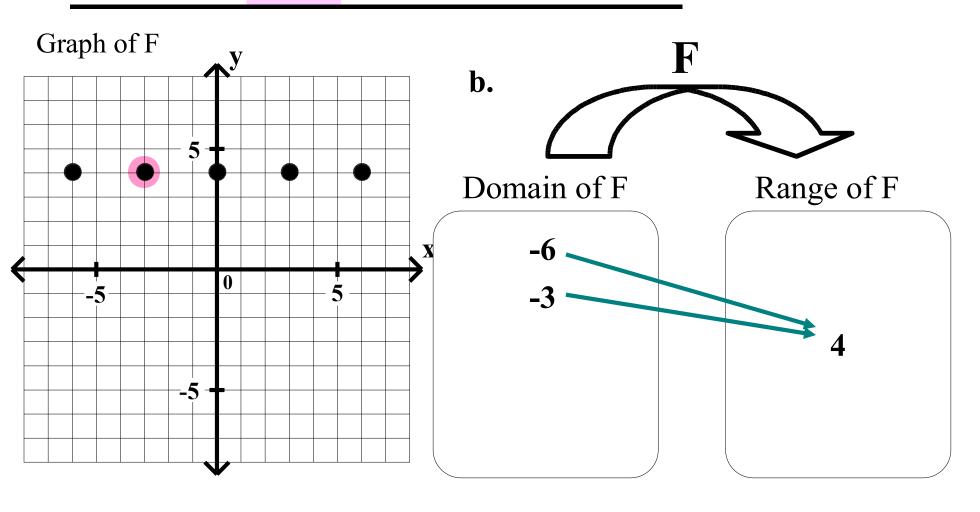
4.
$$F = \{ (-6, 4), (-3, 4), (0, 4), (3, 4), (6, 4) \}$$



Relation: A relation is a set of ordered pairs.

A relation is given using a graph in each problem.

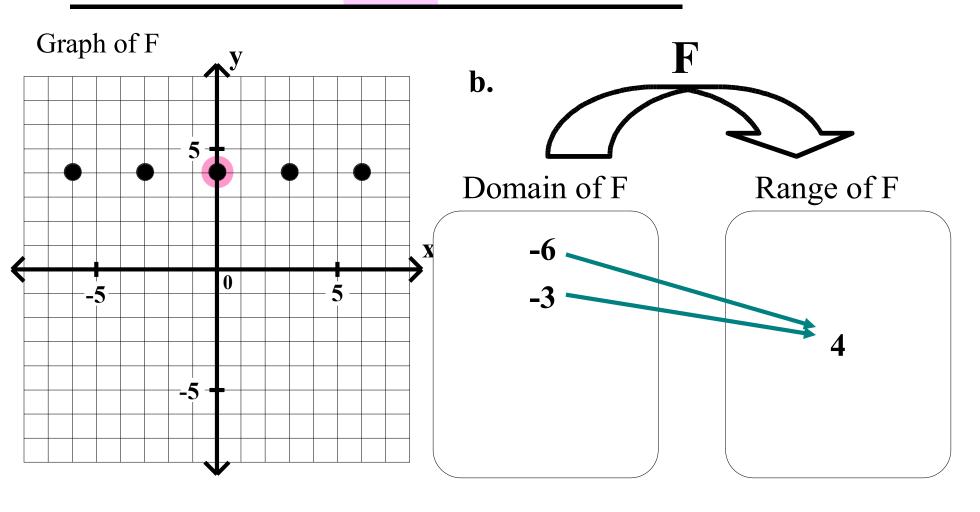
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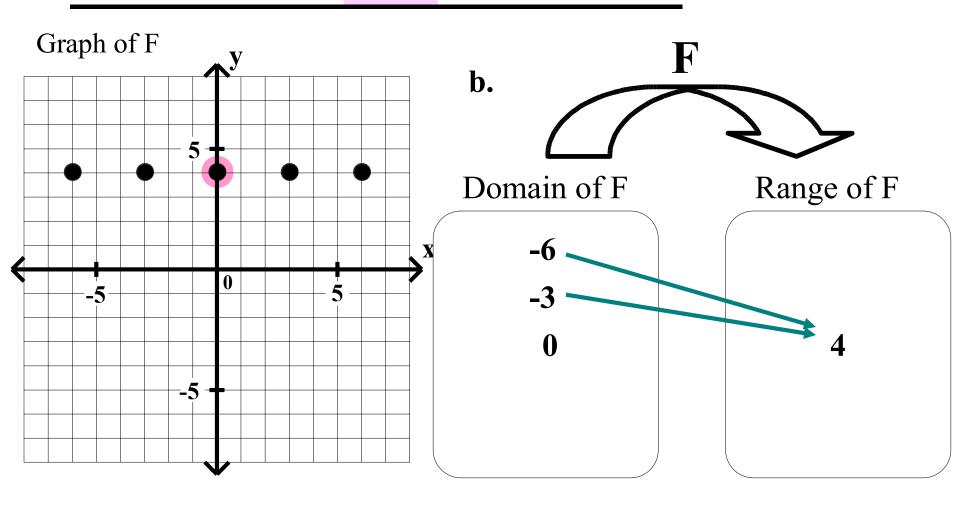
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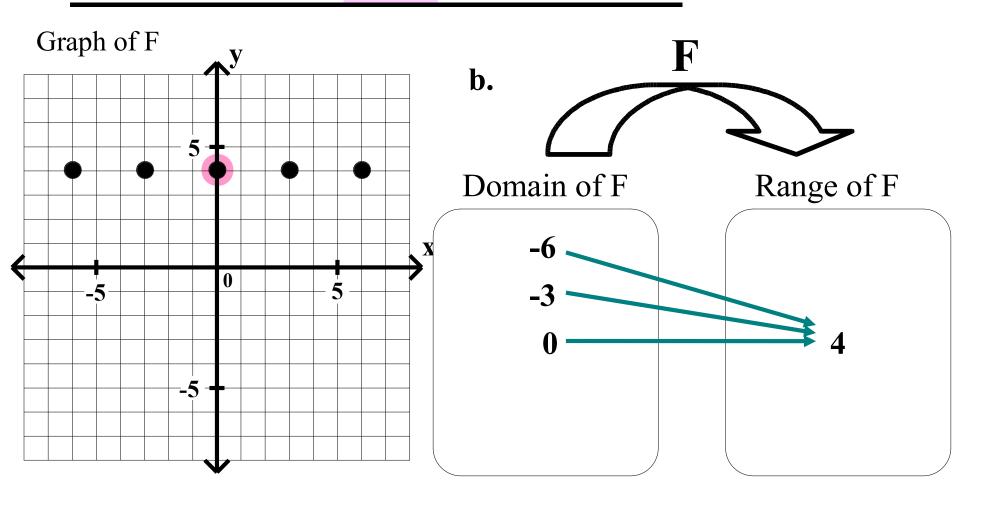
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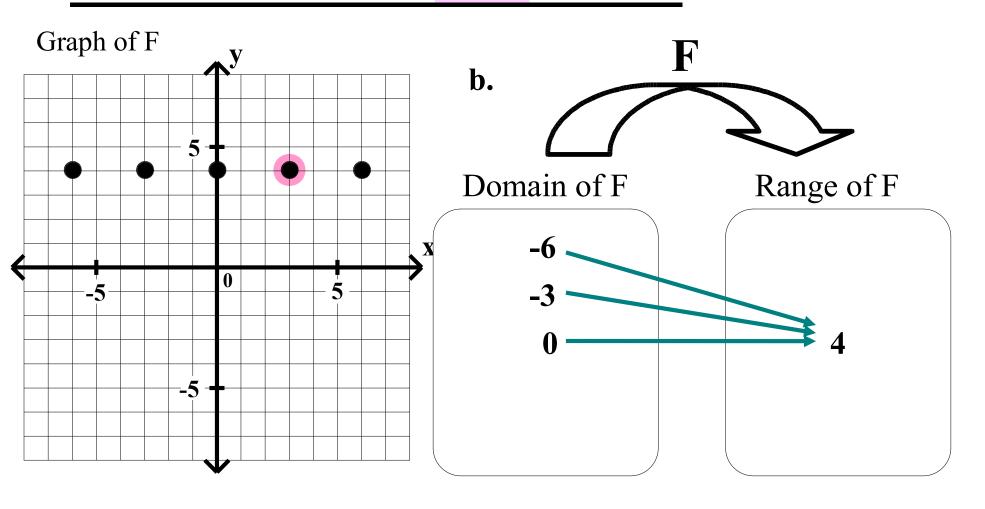
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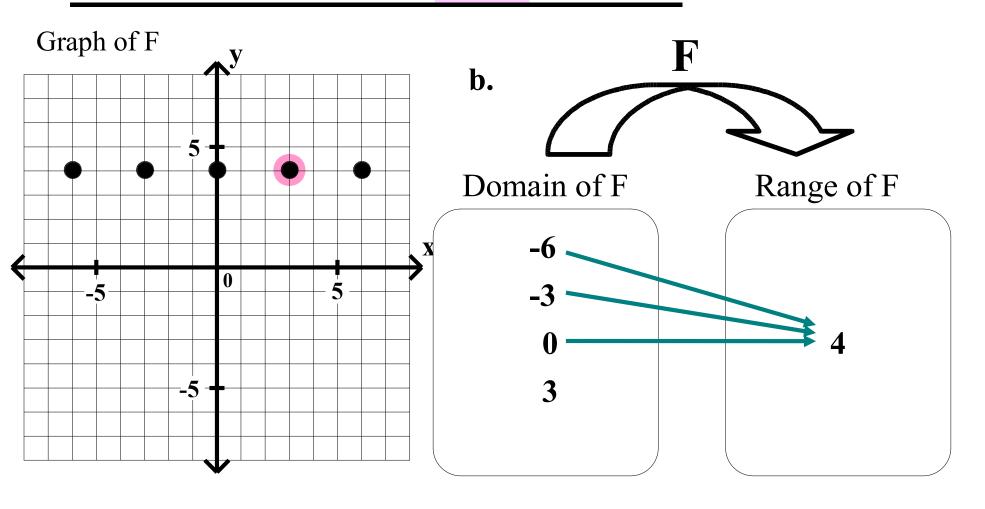
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$$F = \{ (-6, 4), (-3, 4), (0, 4), (3, 4), (6, 4) \}$$



Relation: A relation is a set of ordered pairs.

A relation is given using a graph in each problem.

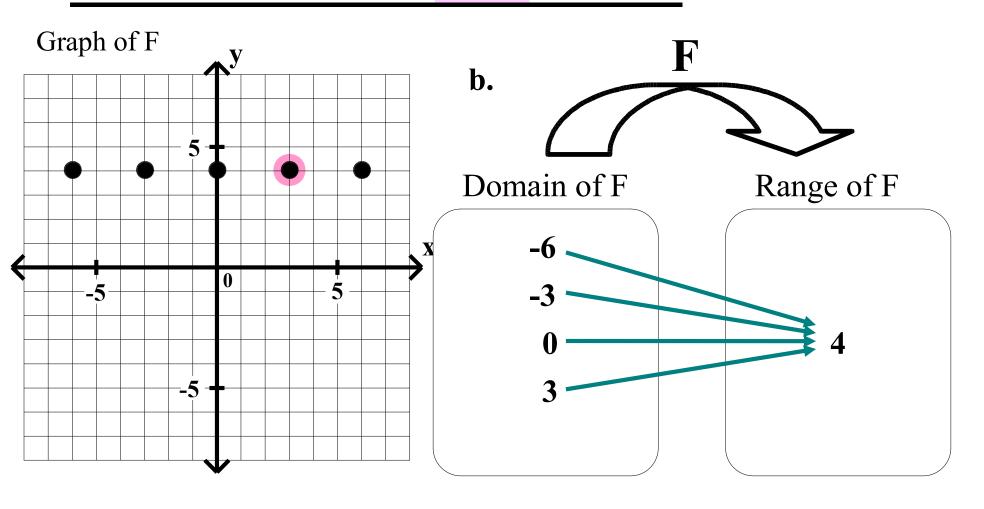
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$$F = \{ (-6, 4), (-3, 4), (0, 4), (3, 4), (6, 4) \}$$



Relation: A relation is a set of ordered pairs.

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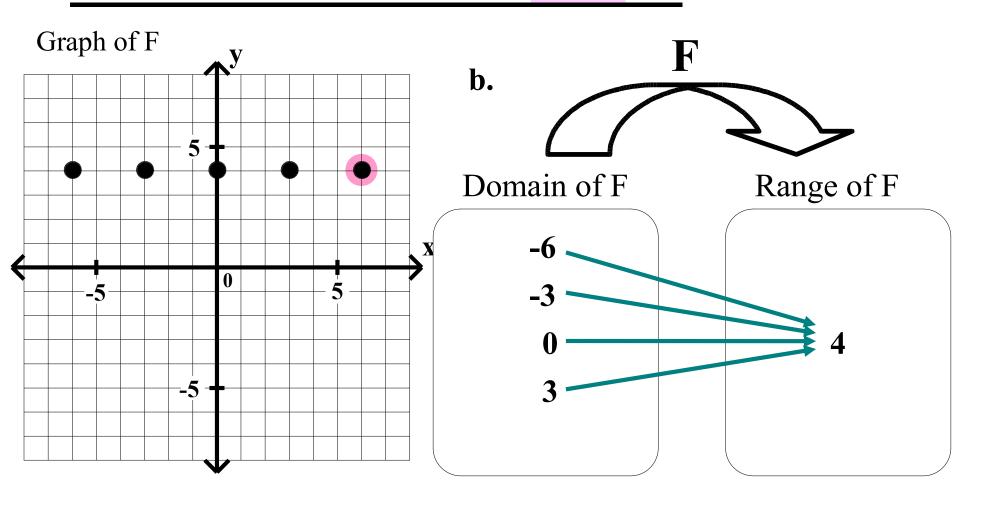
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Relation: A relation is a set of ordered pairs.

A relation is given using a graph in each problem.

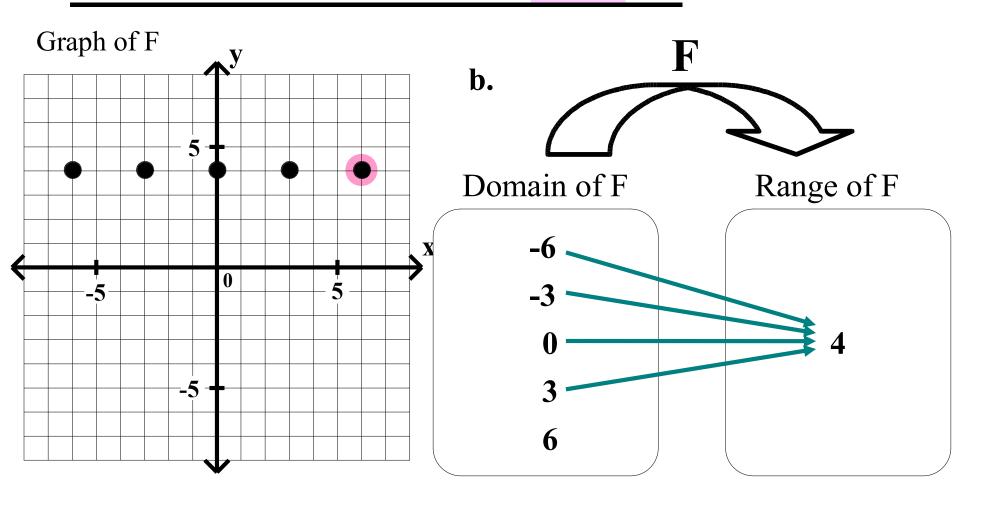
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A relation is given using a graph in each problem.

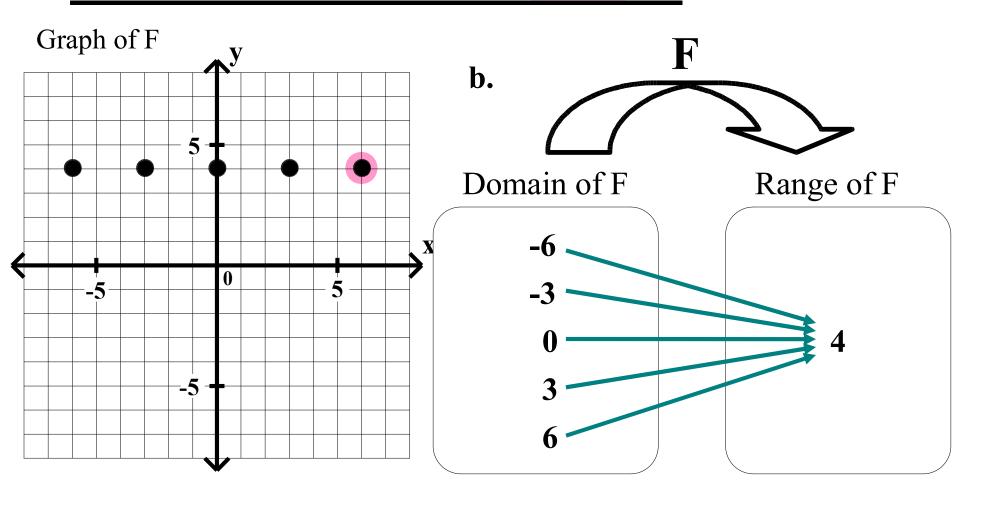
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$$F = \{ (-6, 4), (-3, 4), (0, 4), (3, 4), (6, 4) \}$$



Relation: A relation is a set of ordered pairs.

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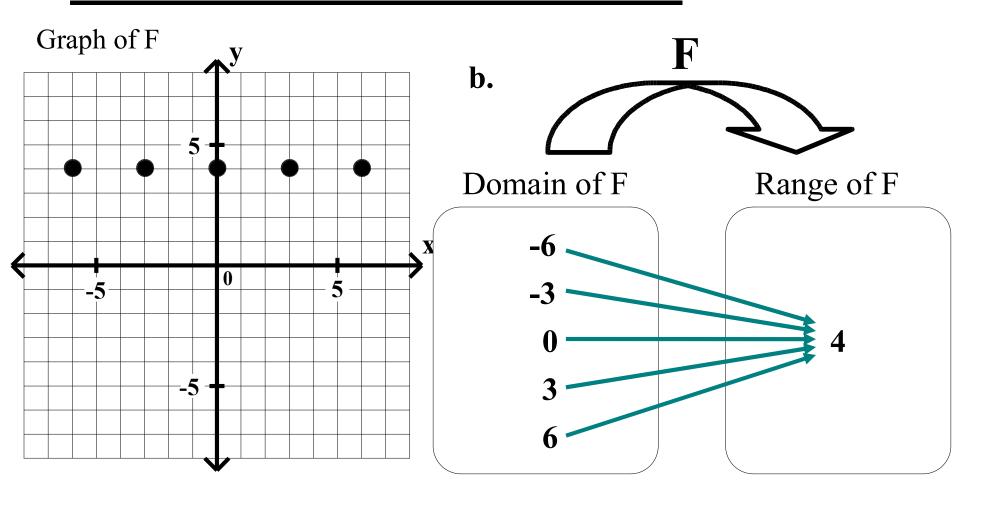
4.
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Relation: A relation is a set of ordered pairs.

A relation is given using a graph in each problem.

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$$F = \{ (-6, 4), (-3, 4), (0, 4), (3, 4), (6, 4) \}$$



Relation: A relation is a set of ordered pairs.

A relation is given using a mapping diagram in each problem.

- (a) Describe the relation using the listing method.
- (b) Graph the relation.

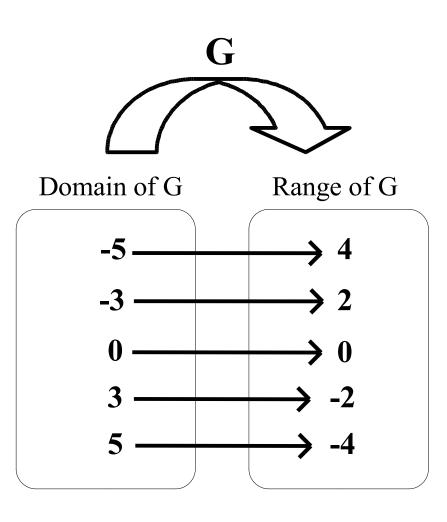
Relation: A relation is a set of ordered pairs.

A relation is given using a mapping diagram in each problem.

Relation: A relation is a set of ordered pairs.

A relation is given using a mapping diagram in each problem.

(a) Describe the relation using the listing method.

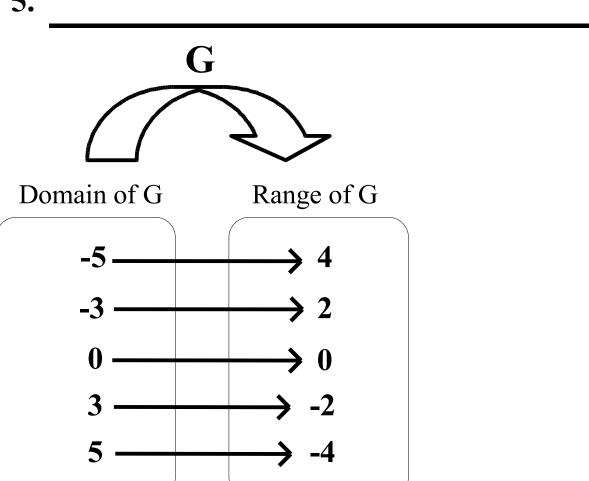


Relation: A relation is a set of ordered pairs.

A relation is given using a mapping diagram in each problem.

(a) Describe the relation using the listing method.

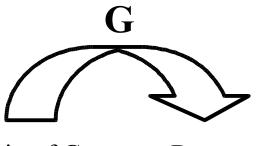
5.



Relation: A relation is a set of ordered pairs.

A relation is given using a mapping diagram in each problem.

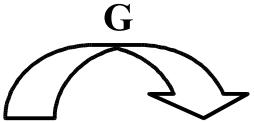
5.
$$G =$$



	\smile
Domain of G	Range of G
-5	4
-3 —	2
0 —	0
3 ———	-2
5 —	-4

Relation: A relation is a set of ordered pairs.

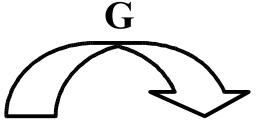
A relation is given using a mapping diagram in each problem.



	•
Domain of G	Range of G
-5	4
-3	→ 2
0 ——	→ 0
3 —	-2
5 —	

Relation: A relation is a set of ordered pairs.

A relation is given using a mapping diagram in each problem.

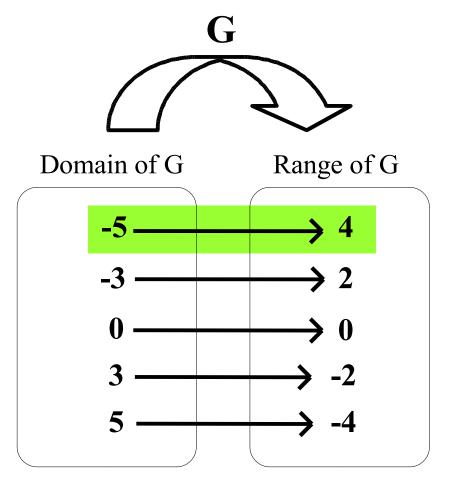


Domain of G	Range of G
-5	
-3 —	→ 2
	, –
0 —	\longrightarrow 0
3	-2
3	/ -2
5 —	-4
	-

Relation: A relation is a set of ordered pairs.

A relation is given using a mapping diagram in each problem.

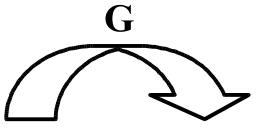
5.
$$G = \{ (-5,$$



Relation: A relation is a set of ordered pairs.

A relation is given using a mapping diagram in each problem.

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$$G = \{ (-5, 4) \}$$

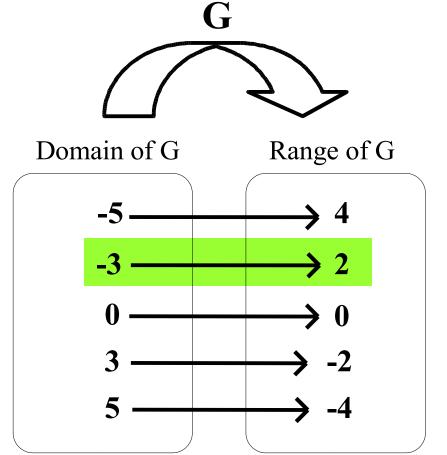


Doma	in of G	Range of G
	-5	4
-	-3	2
	0	\rightarrow 0
	3	-2
	5	
		•

Relation: A relation is a set of ordered pairs.

A relation is given using a mapping diagram in each problem.

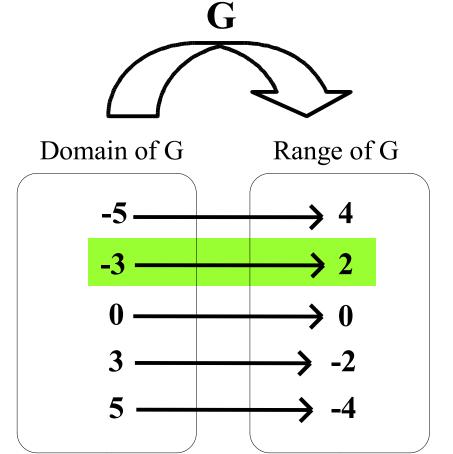
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Relation: A relation is a set of ordered pairs.

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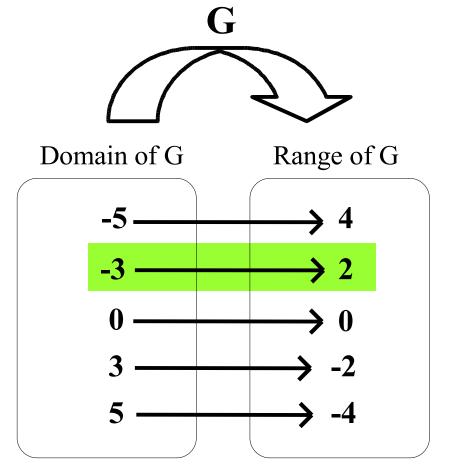
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$$G = \{ (-5, 4),$$



Relation: A relation is a set of ordered pairs.

A relation is given using a mapping diagram in each problem.

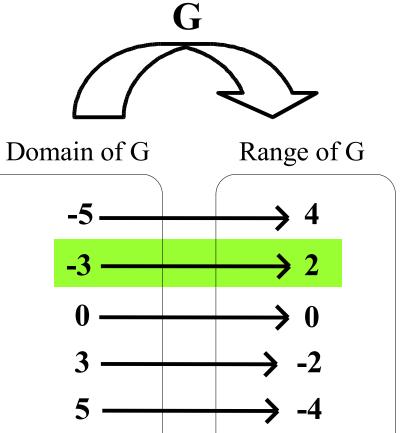
5.
$$G = \{ (-5, 4), (-3, 4) \}$$



Relation: A relation is a set of ordered pairs.

A relation is given using a mapping diagram in each problem.

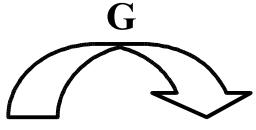
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$$G = \{ (-5, 4), (-3, 2) \}$$



Relation: A relation is a set of ordered pairs.

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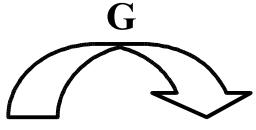


Don	nain of G	Range of G
	-5	4
	-3	→ 2
	0	$\stackrel{\longrightarrow}{\longrightarrow} 0$
	3	-2
	5	→ -4
		7 -4

Relation: A relation is a set of ordered pairs.

A relation is given using a mapping diagram in each problem.

5.
$$G = \{ (-5, 4), (-3, 2),$$

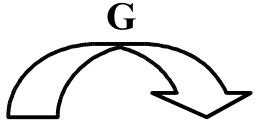


Domain o	of G	Range of C	j
-5 -		4	
-3 -		→ 2	
0 -		→ 0	
3 -		-2	
5 -		-4	
			/

Relation: A relation is a set of ordered pairs.

A relation is given using a mapping diagram in each problem.

5.
$$G = \{ (-5, 4), (-3, 2), (0, -3, 2), ($$



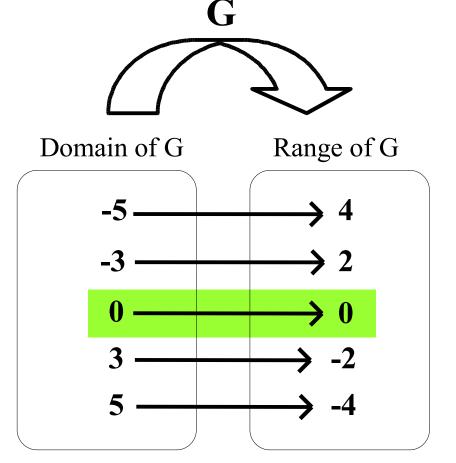
Range of G
4

→ 0
→ -2
→ -4

Relation: A relation is a set of ordered pairs.

A relation is given using a mapping diagram in each problem.

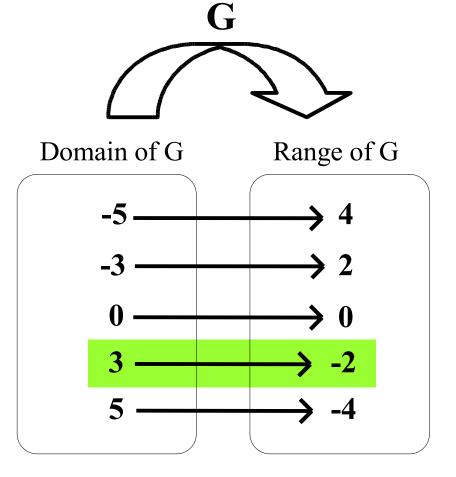
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Relation: A relation is a set of ordered pairs.

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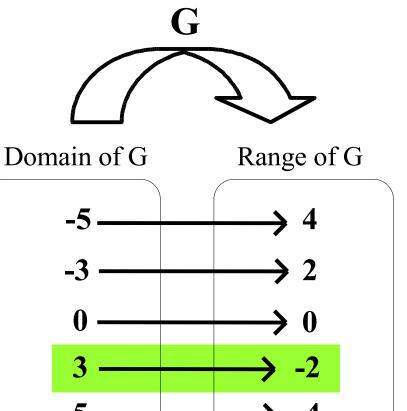
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Relation: A relation is a set of ordered pairs.

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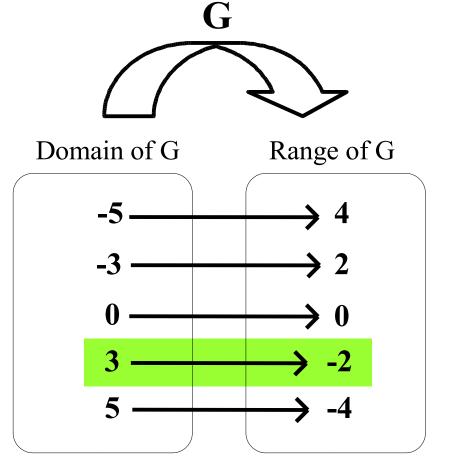
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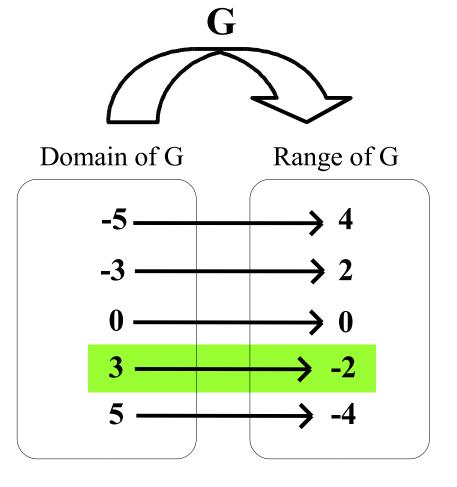
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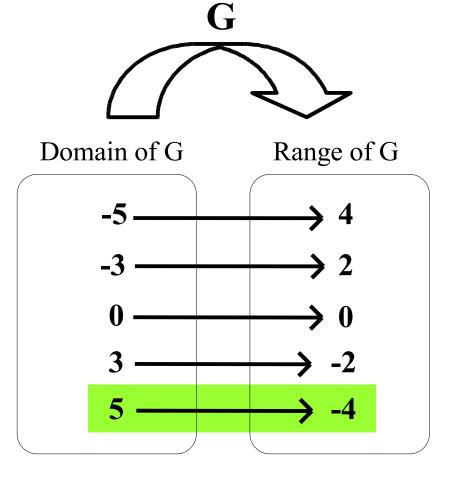
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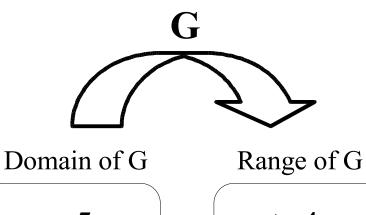
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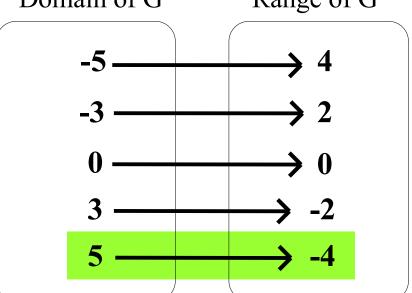


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$$G = \{ (-5, 4), (-3, 2), (0, 0), (3, -2),$$

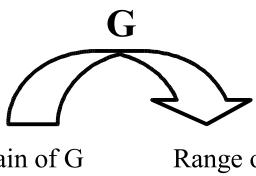




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$$G = \{ (-5, 4), (-3, 2), (0, 0), (3, -2), (5, -2) \}$$

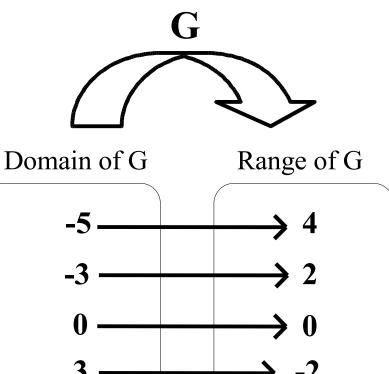


Domain of G	Range of G
-5	4
-3	→ 2
0 —	→ 0
3 —	-2
5	-4

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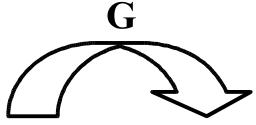
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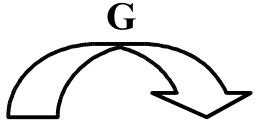


Domain of G	Range of G
-5-	4
	•
-3	2
0 —	0
3 —	-2
5 —	-4

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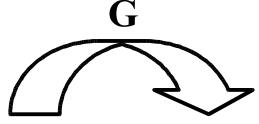
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Domain of G	Range of G
-5	4
-3	→ 2
0 ———	→ 0
3 ——	-2
5 —	-4

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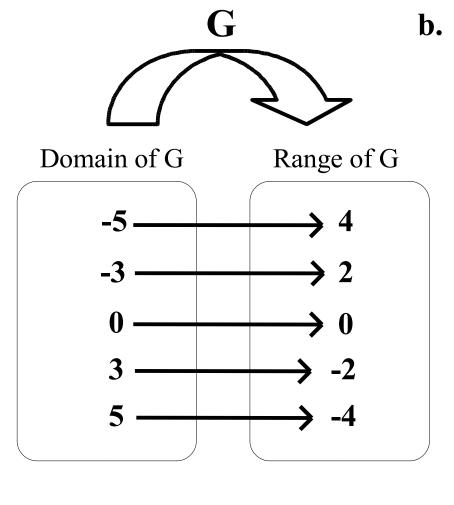
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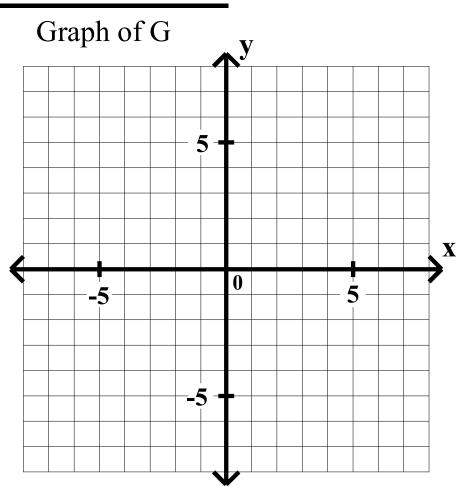


	~
Domain of G	Range of G
-5	4
2	•
-3	→ 2
0 —	\longrightarrow 0
3 —	-2
5 —	

Relation: A relation is a set of ordered pairs.

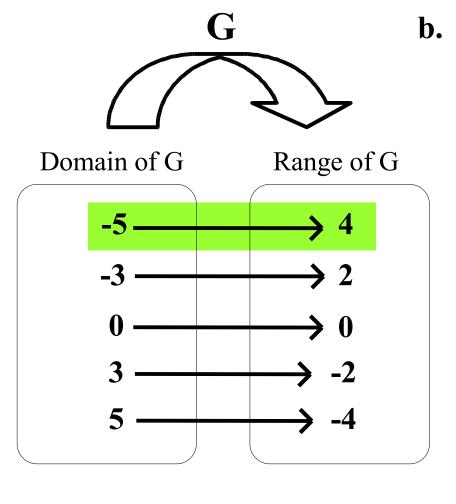
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$$G = \{ (-5, 4), (-3, 2), (0, 0), (3, -2), (5, -4) \}$$

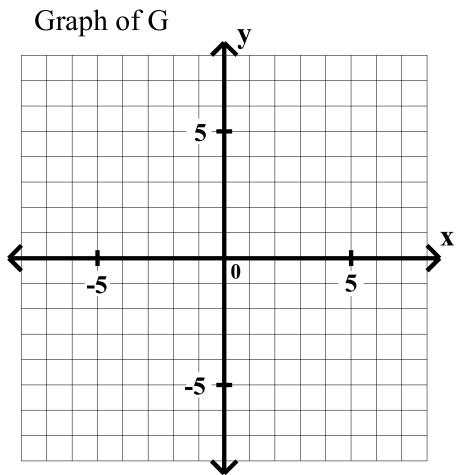




Relation: A relation is a set of ordered pairs.

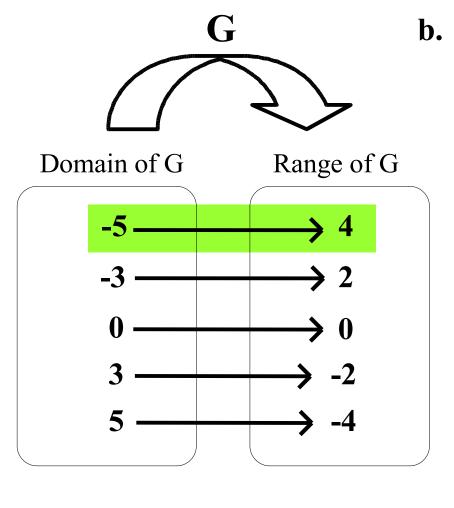
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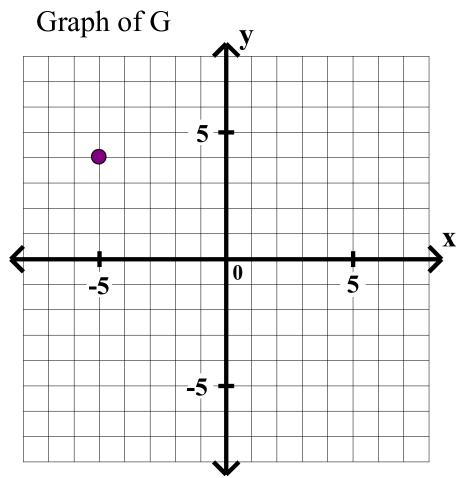




Relation: A relation is a set of ordered pairs.

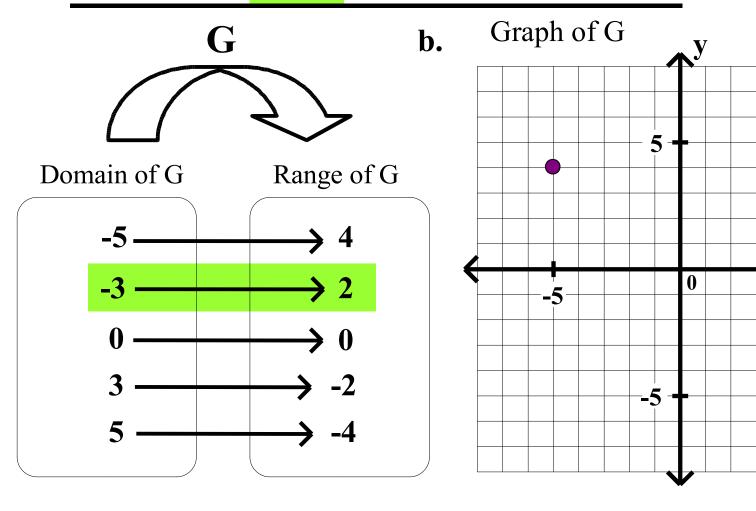
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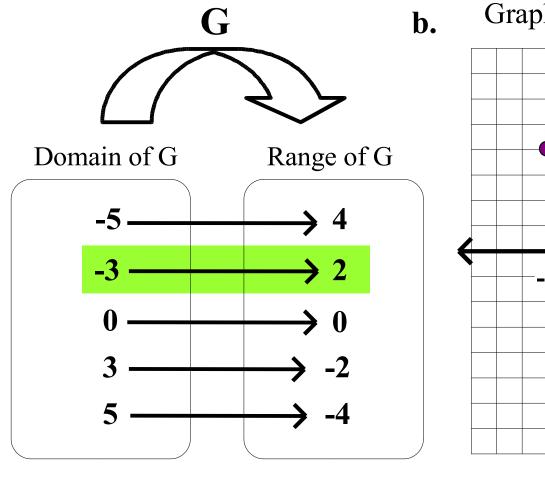
Relation: A relation is a set of ordered pairs.

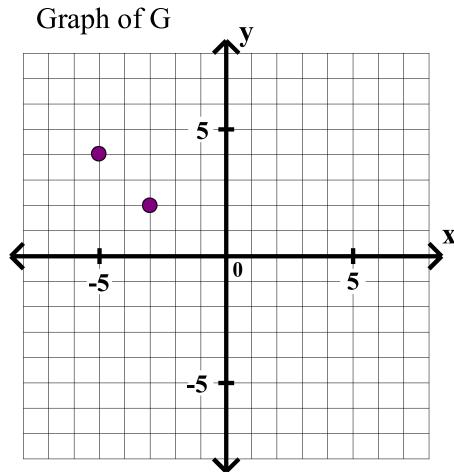
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Relation: A relation is a set of ordered pairs.

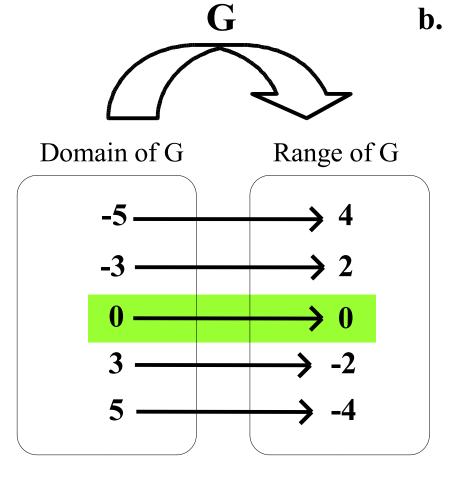
5.
$$G = \{ (-5, 4), (-3, 2), (0, 0), (3, -2), (5, -4) \}$$

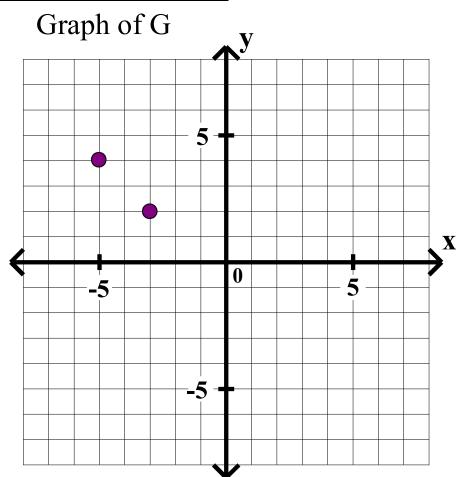




Relation: A relation is a set of ordered pairs.

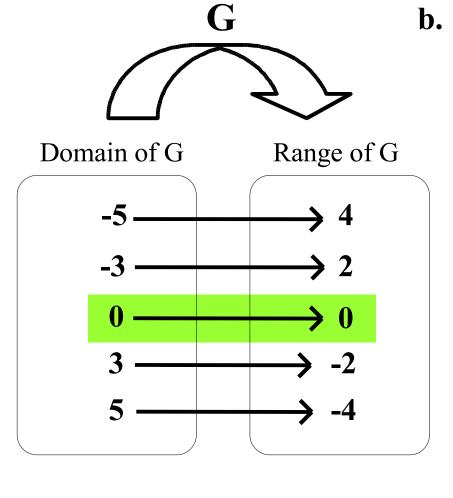
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$$G = \{ (-5, 4), (-3, 2), (0, 0), (3, -2), (5, -4) \}$$

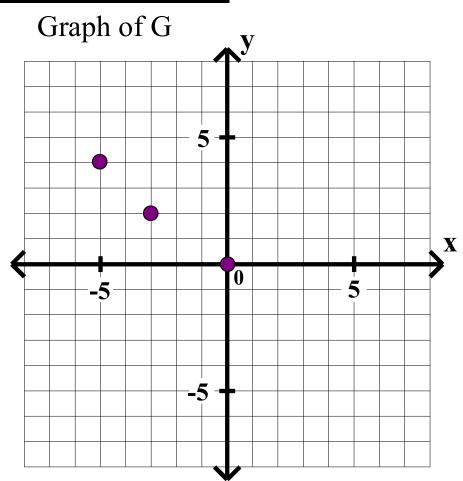




Relation: A relation is a set of ordered pairs.

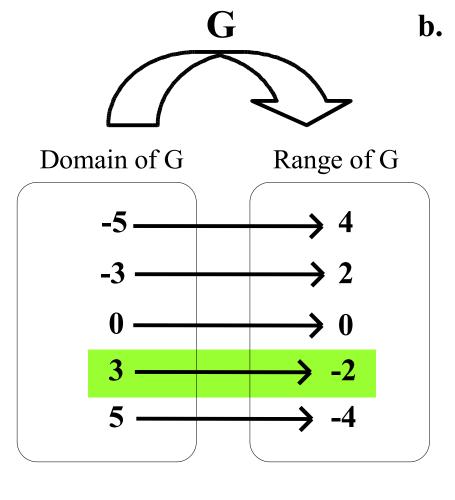
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$$G = \{ (-5, 4), (-3, 2), (0, 0), (3, -2), (5, -4) \}$$

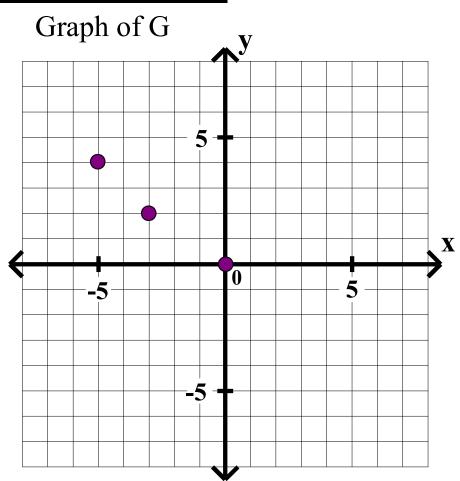




Relation: A relation is a set of ordered pairs.

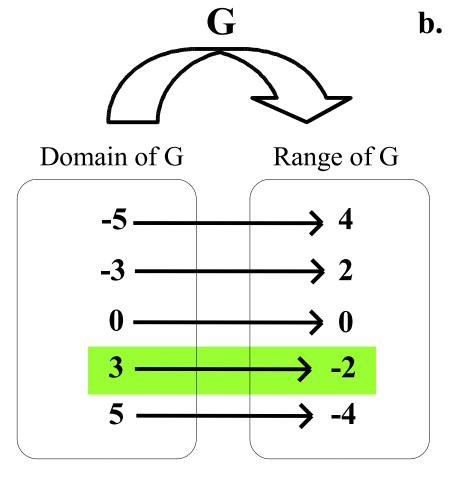
5.
$$G = \{ (-5, 4), (-3, 2), (0, 0), (3, -2), (5, -4) \}$$

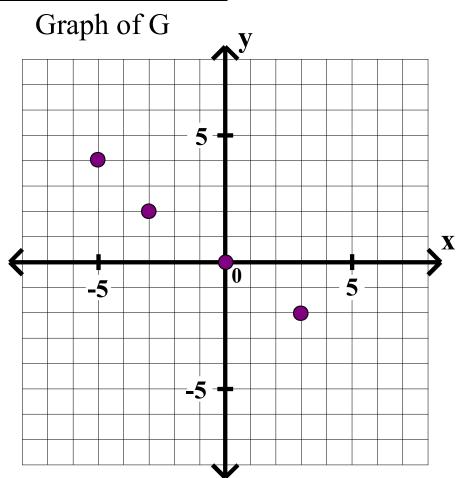




Relation: A relation is a set of ordered pairs.

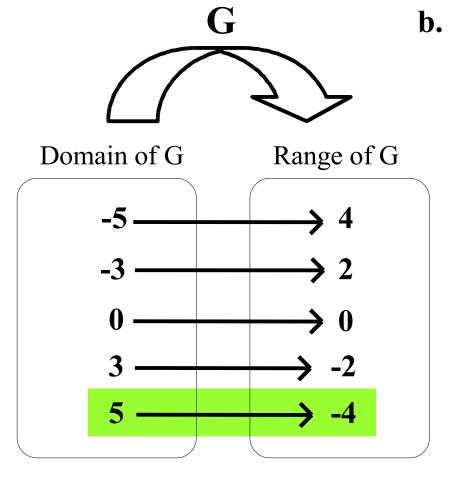
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$$G = \{ (-5, 4), (-3, 2), (0, 0), (3, -2), (5, -4) \}$$

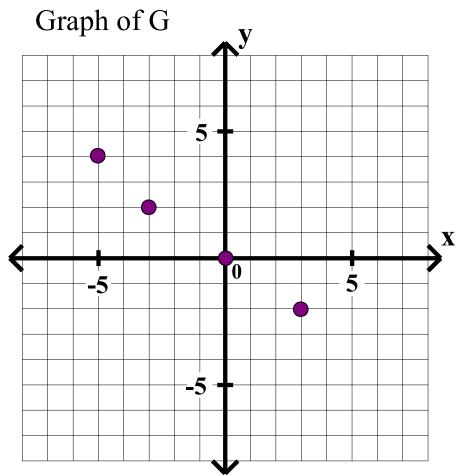




Relation: A relation is a set of ordered pairs.

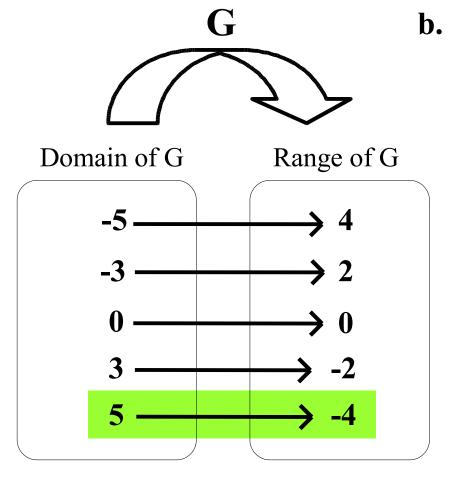
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$$G = \{ (-5, 4), (-3, 2), (0, 0), (3, -2), (5, -4) \}$$

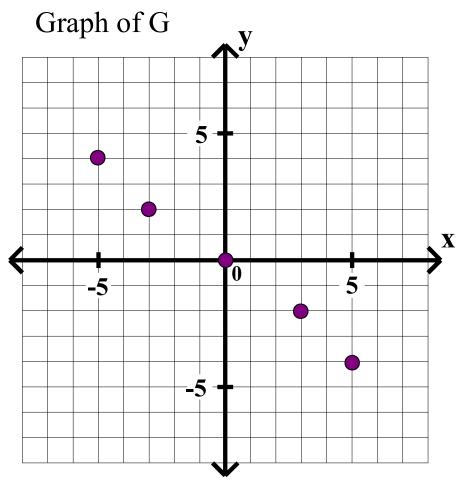




Relation: A relation is a set of ordered pairs.

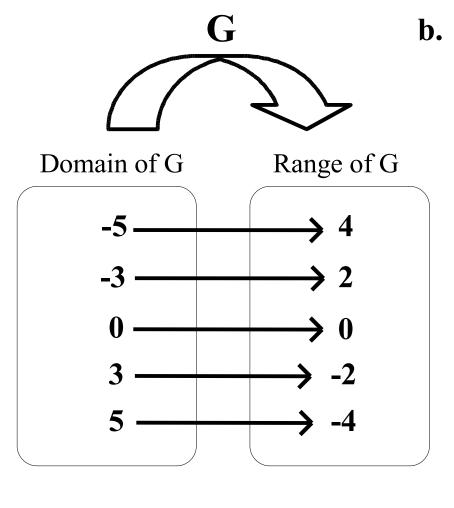
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$$G = \{ (-5, 4), (-3, 2), (0, 0), (3, -2), (5, -4) \}$$

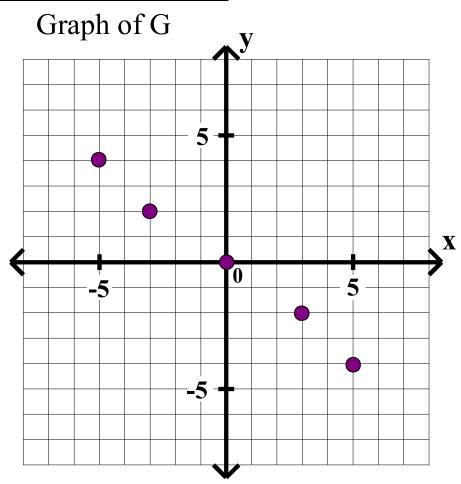




Relation: A relation is a set of ordered pairs.

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$$G = \{ (-5, 4), (-3, 2), (0, 0), (3, -2), (5, -4) \}$$



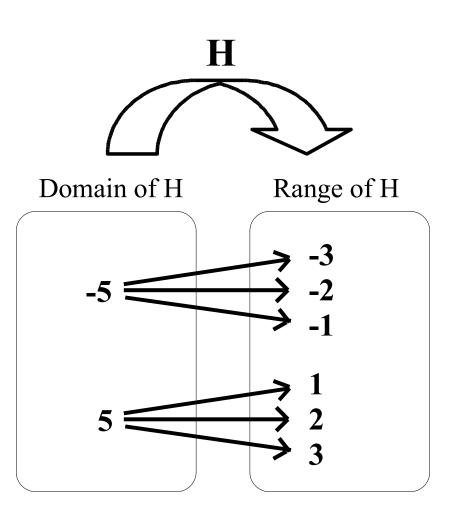


Relation: A relation is a set of ordered pairs.

A relation is given using a mapping diagram in each problem.

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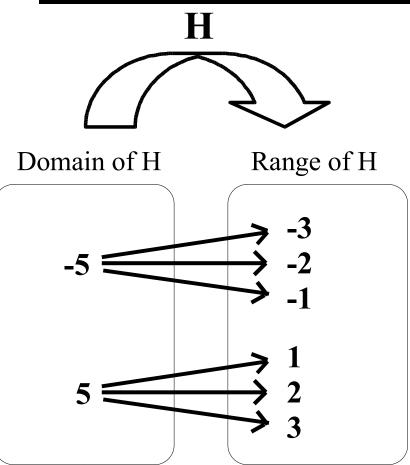
A relation is given using a mapping diagram in each problem.



Relation: A relation is a set of ordered pairs.

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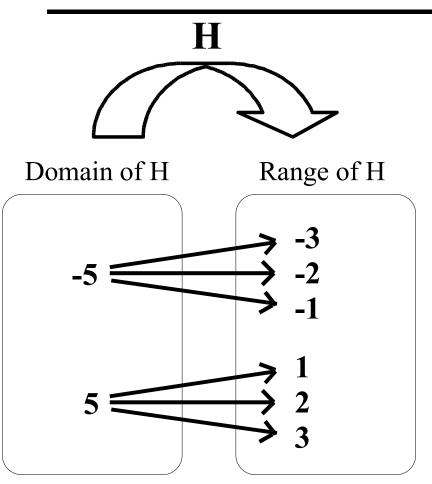




Relation: A relation is a set of ordered pairs.

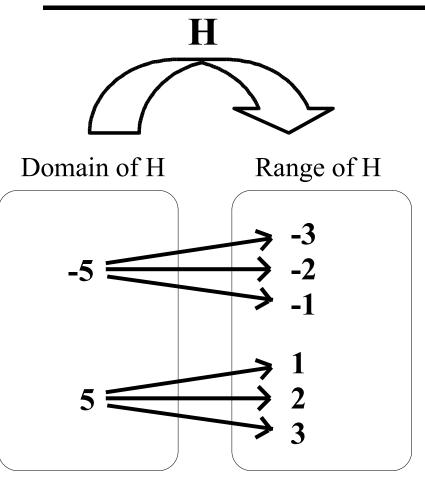
A relation is given using a mapping diagram in each problem.

6.
$$H =$$



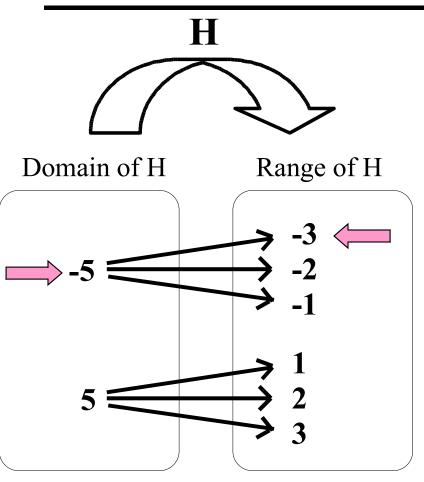
Relation: A relation is a set of ordered pairs.

A relation is given using a mapping diagram in each problem.



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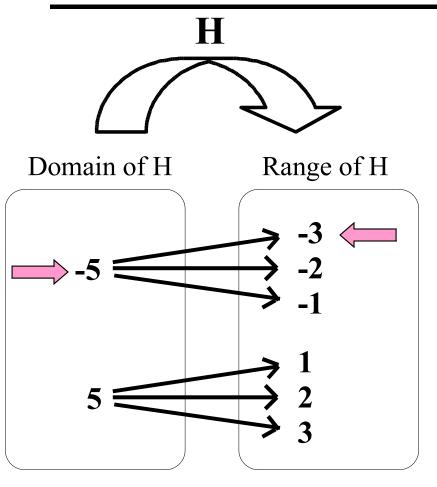
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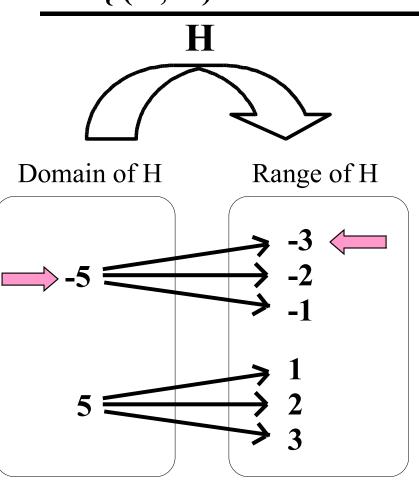
6.
$$H = \{ (-5,$$



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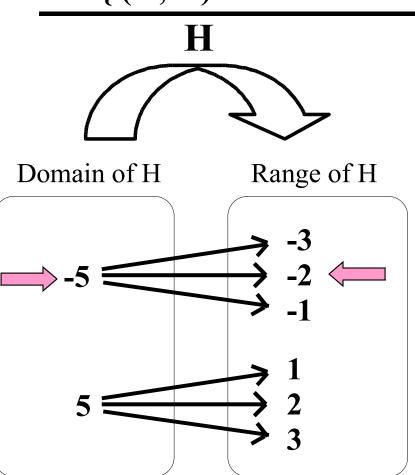
6.
$$H = \{ (-5, -3) \}$$



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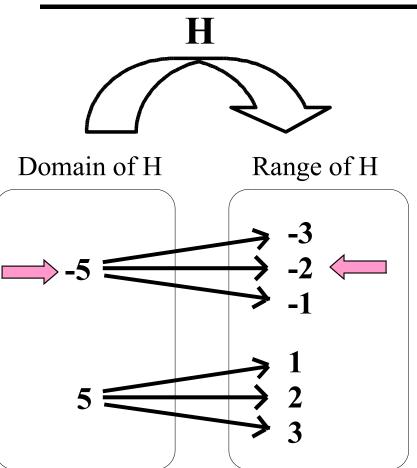
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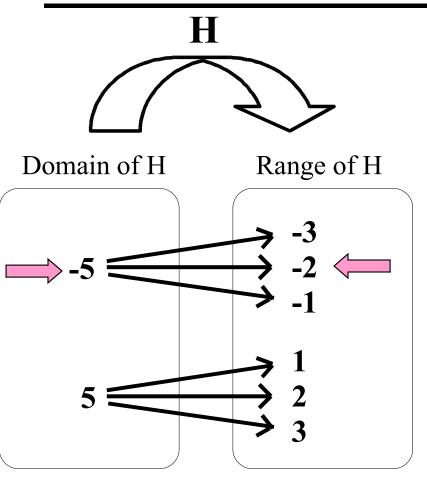
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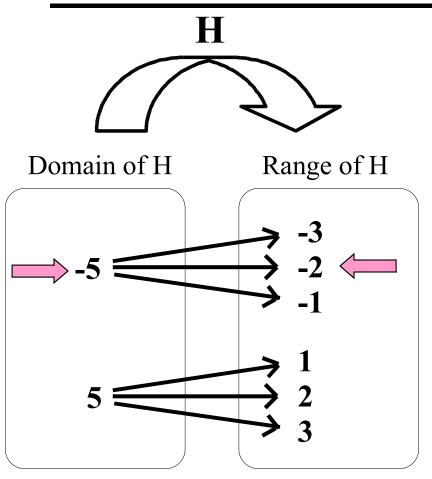
6.
$$H = \{ (-5, -3), (-5, -5) \}$$



Relation: A relation is a set of ordered pairs.

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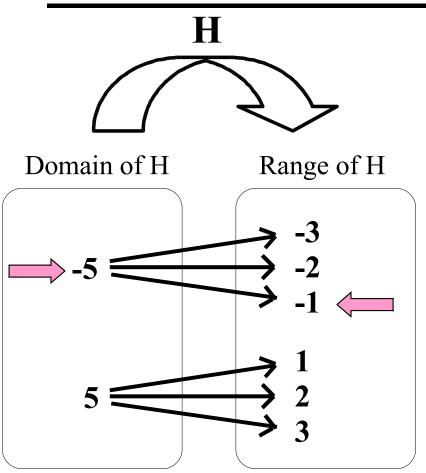
6.
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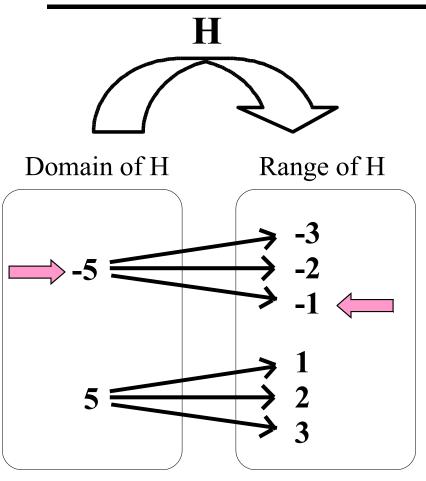
6.
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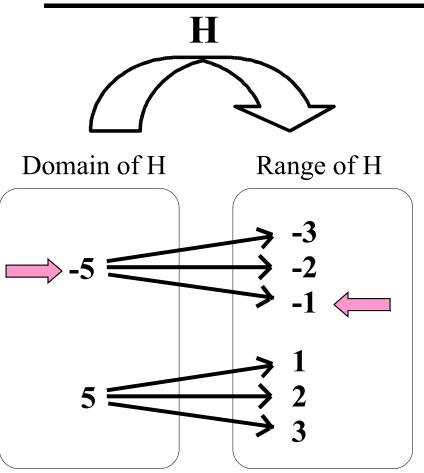
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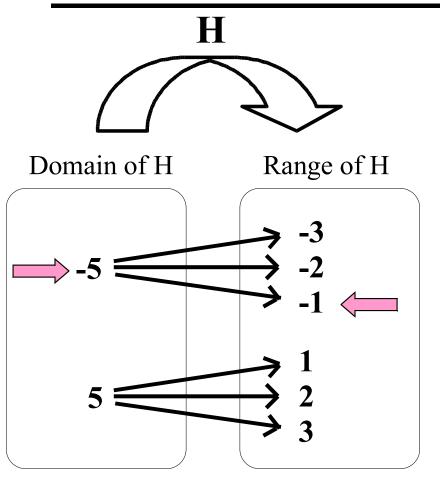
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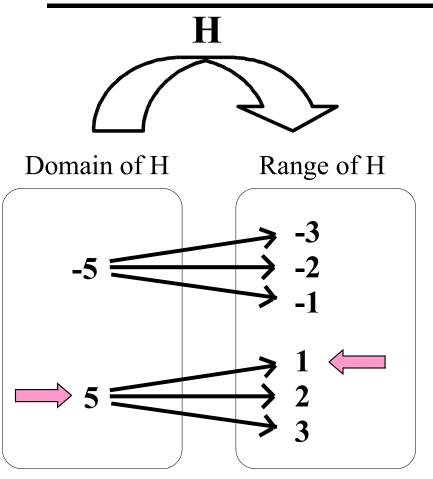
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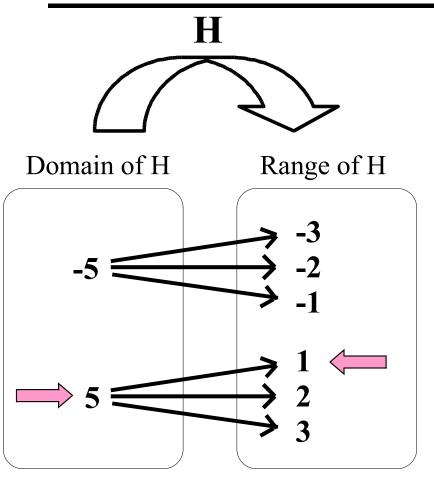
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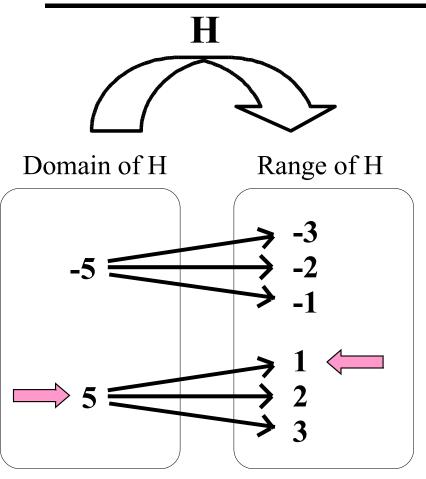
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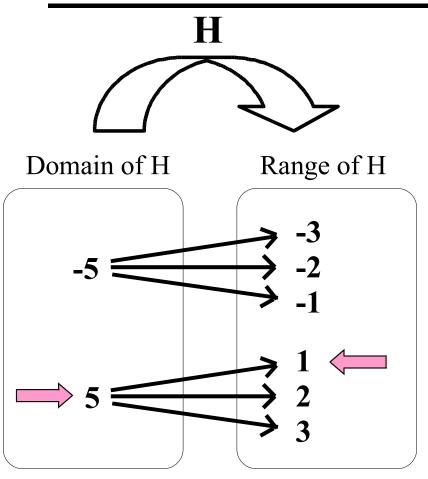
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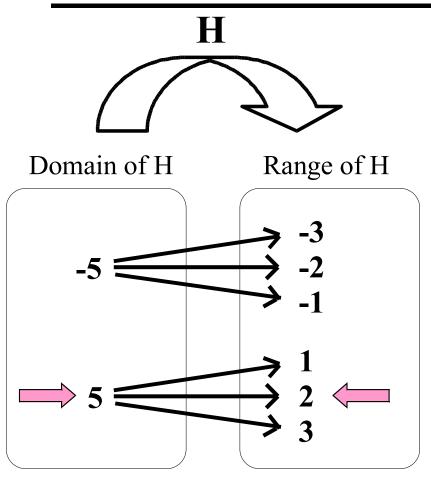
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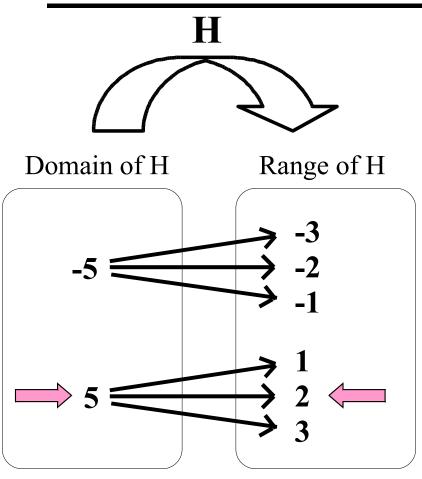
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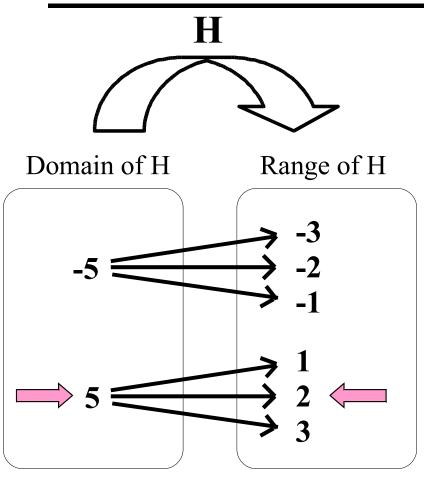
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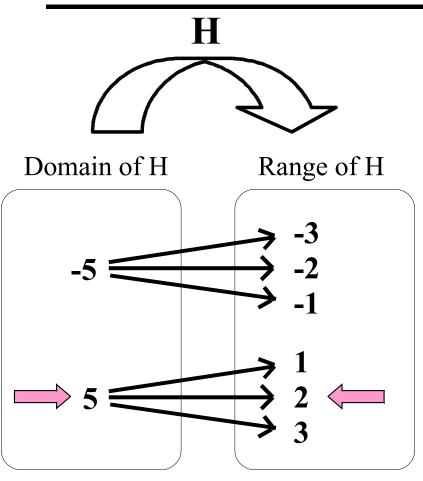
6.
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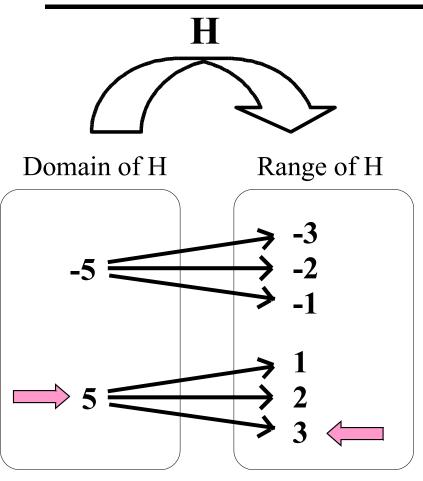
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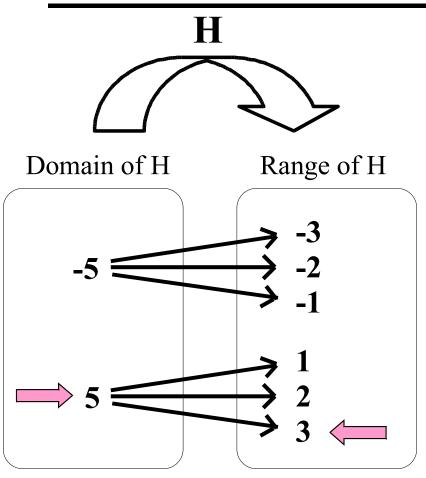
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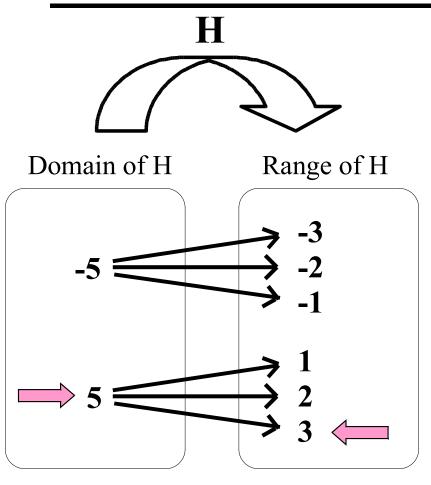
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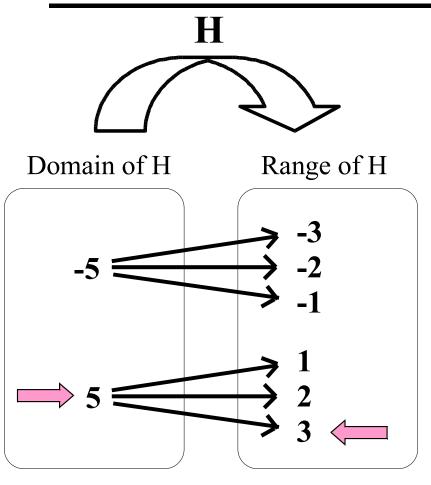
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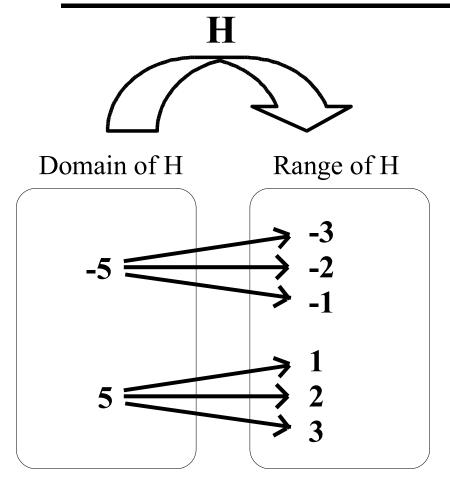


Relation: A relation is a set of ordered pairs.

A relation is given using a mapping diagram in each problem.

(a) Describe the relation using the listing method.

6.
$$H = \{ (-5, -3), (-5, -2), (-5, -1), (5, 1), (5, 2), (5, 3) \}$$

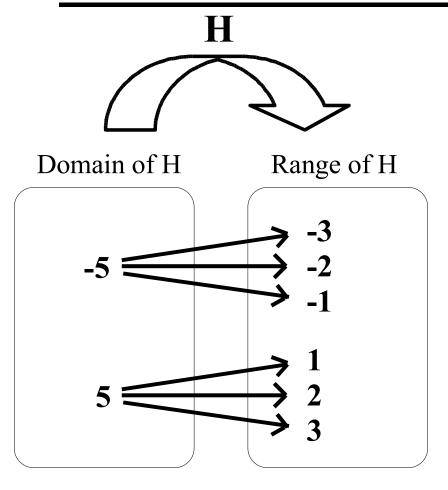


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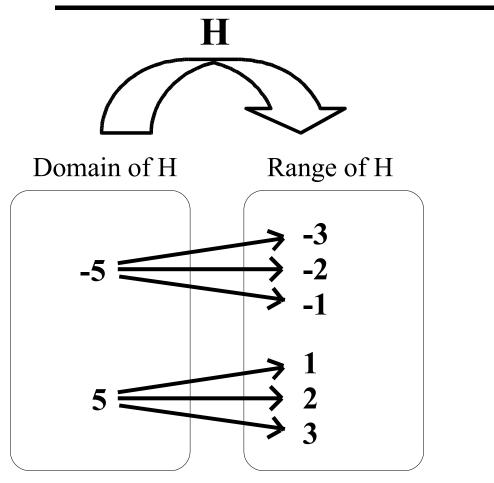
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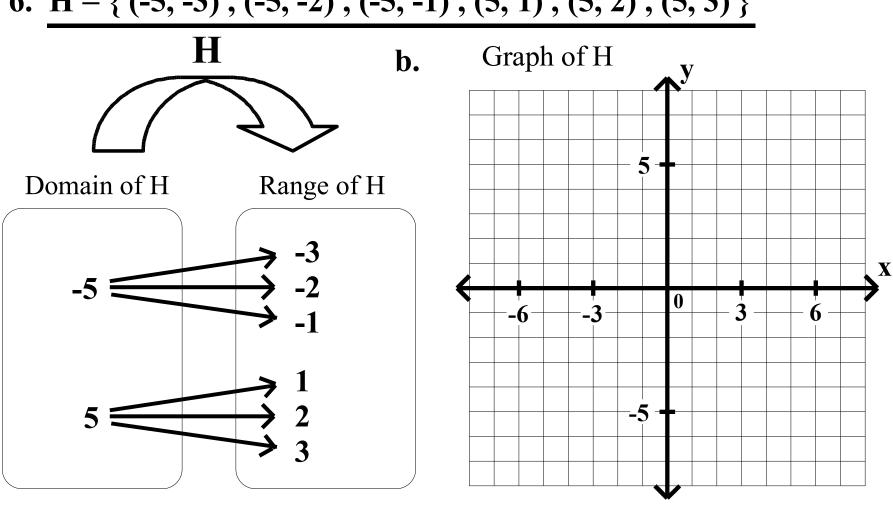
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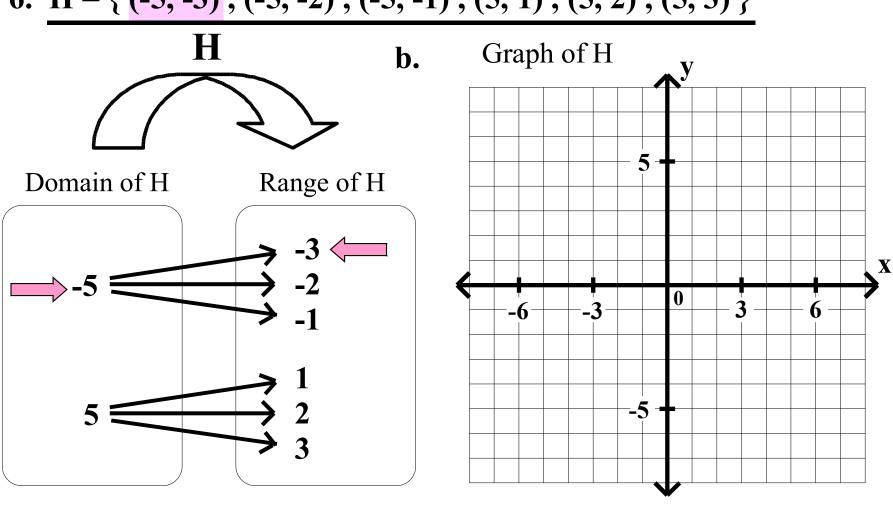
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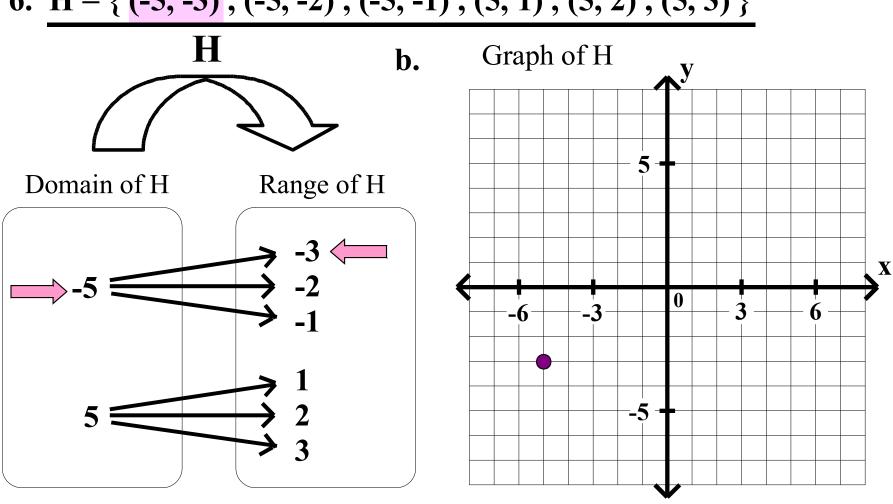
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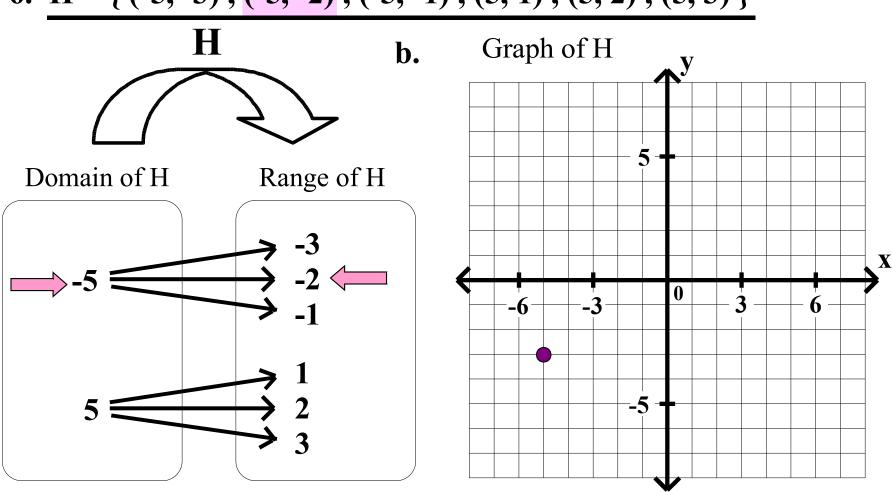
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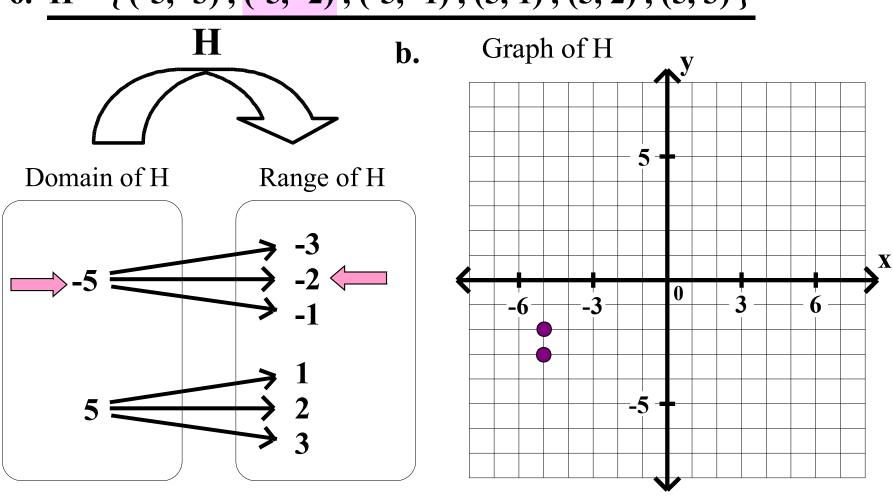
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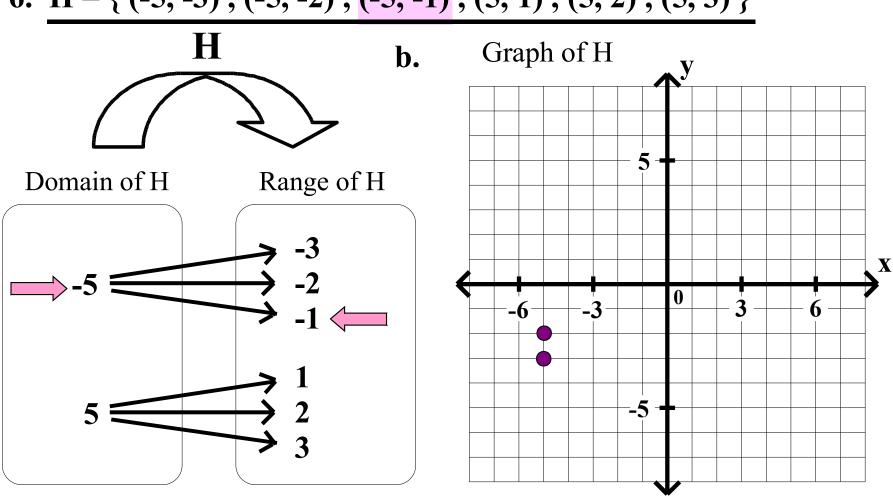
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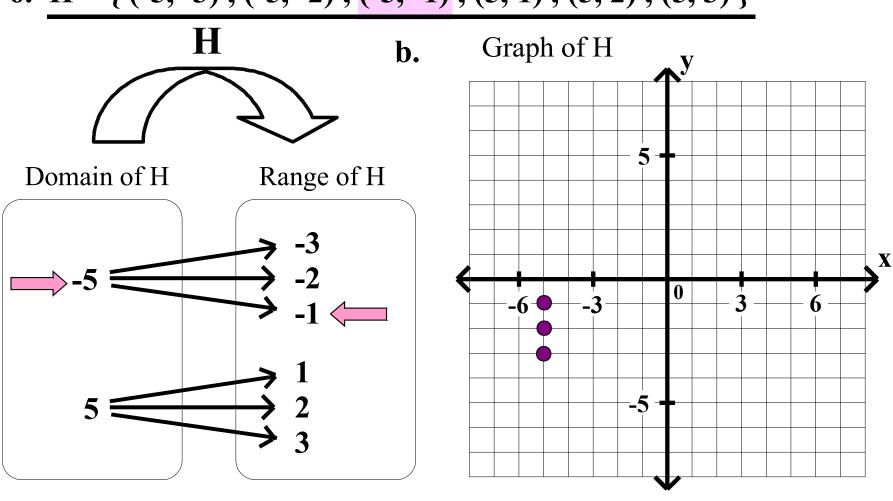
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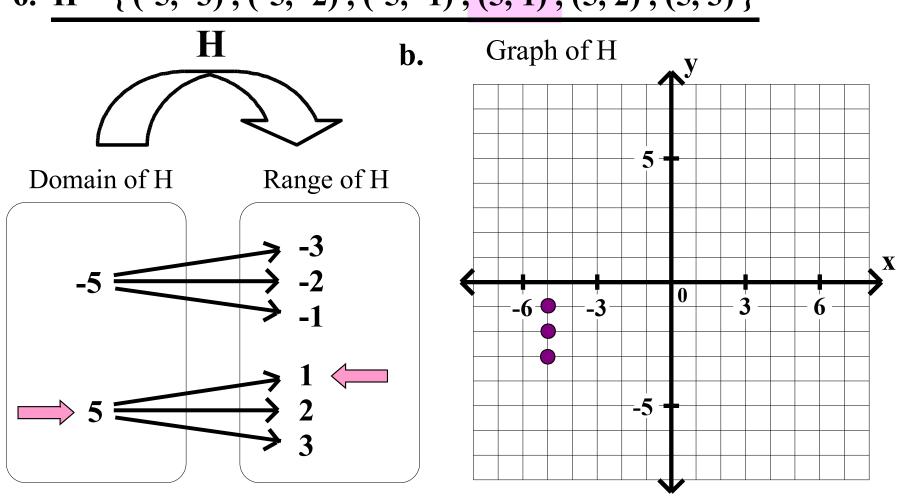
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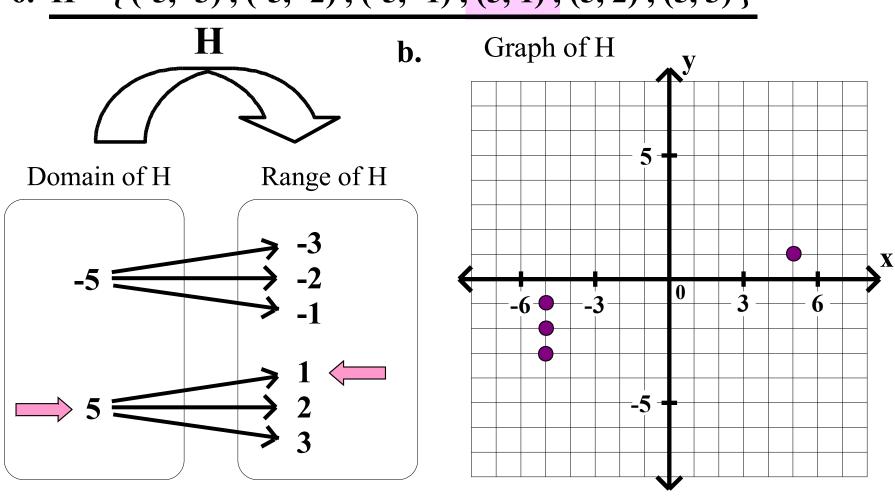
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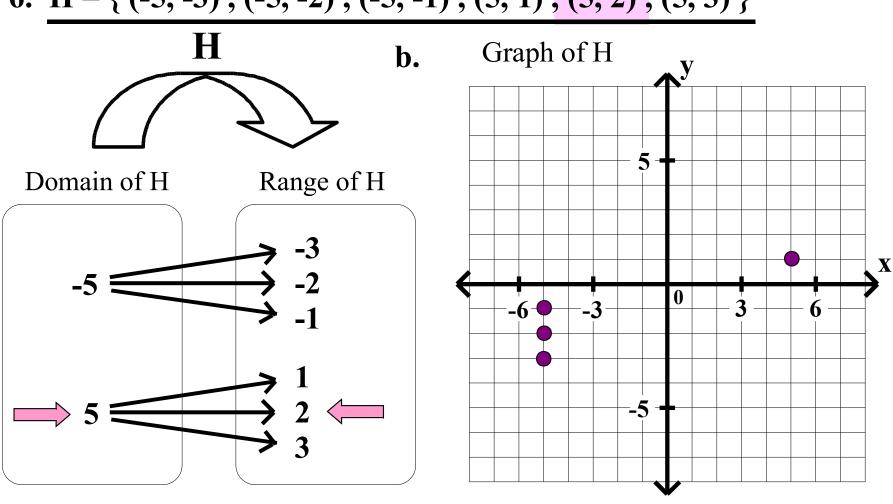
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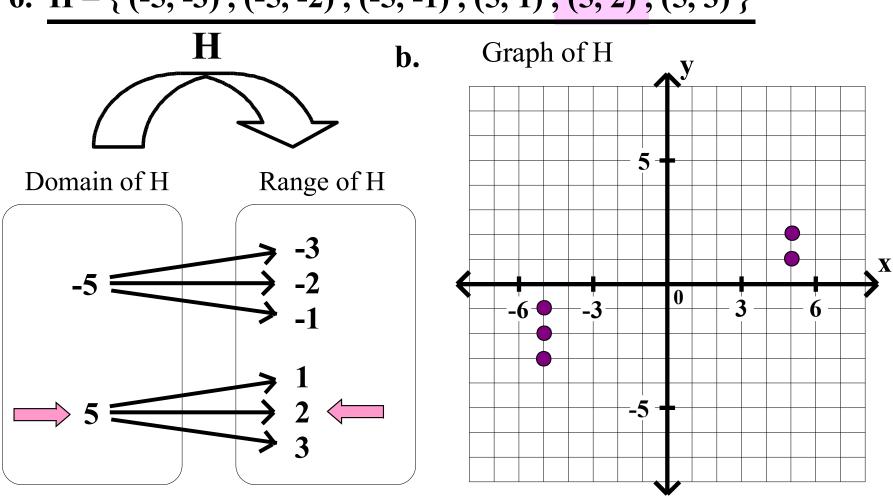
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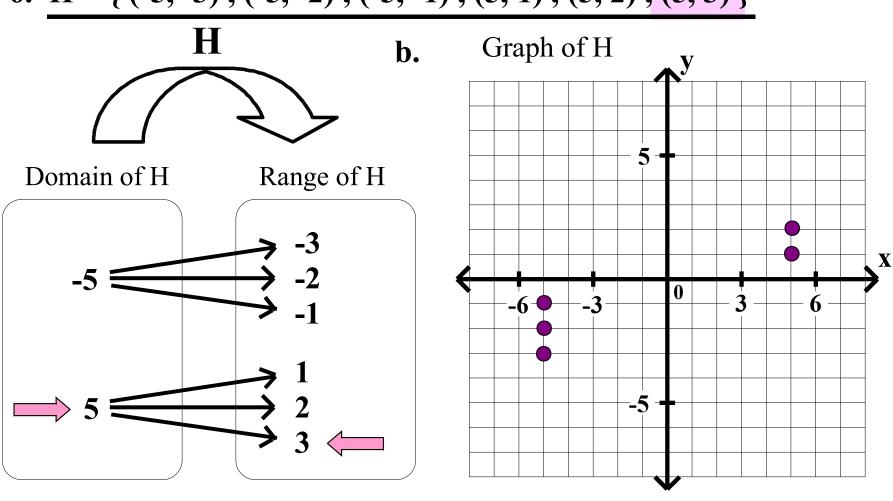
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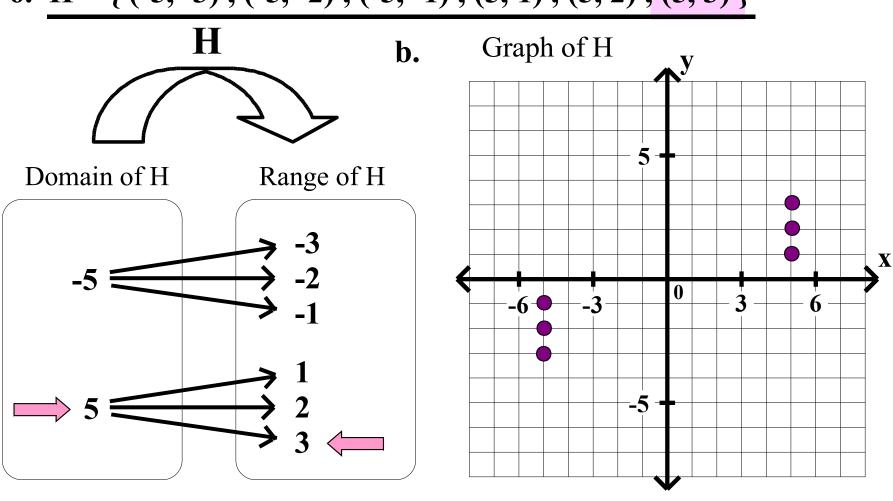
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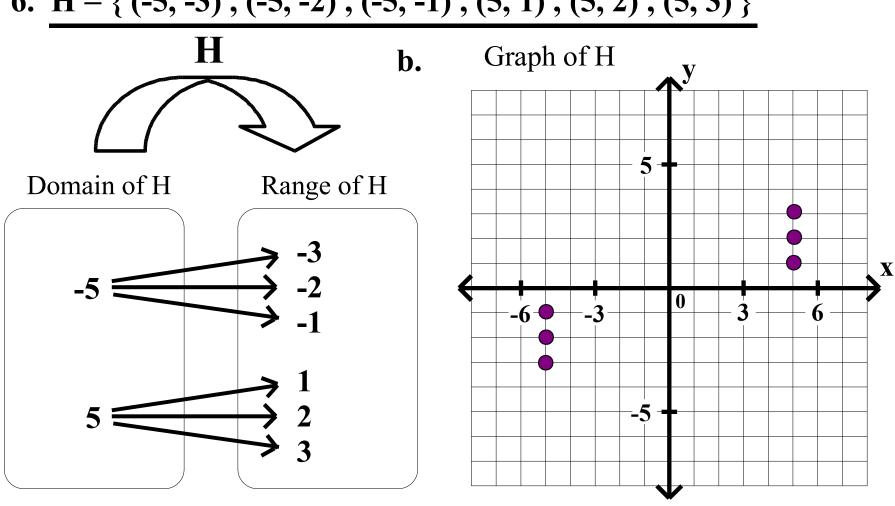
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Relation: A relation is a set of ordered pairs.

A relation is given using a mapping diagram in each problem. (b) Graph the relation.

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$$H = \{ (-5, -3), (-5, -2), (-5, -1), (5, 1), (5, 2), (5, 3) \}$$

b.



Graph of H



