

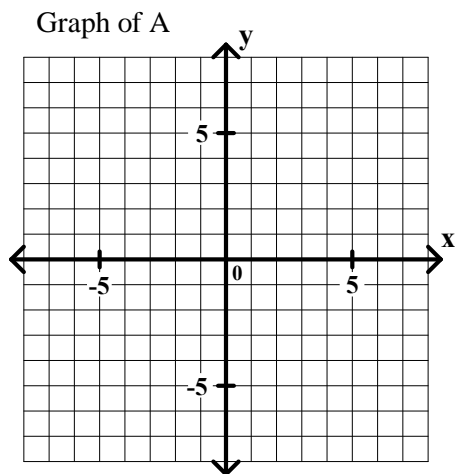
Algebra II Class Worksheet #1 Unit 3 page 1

In each problem below a relation is given using the listing method. In each case you are to

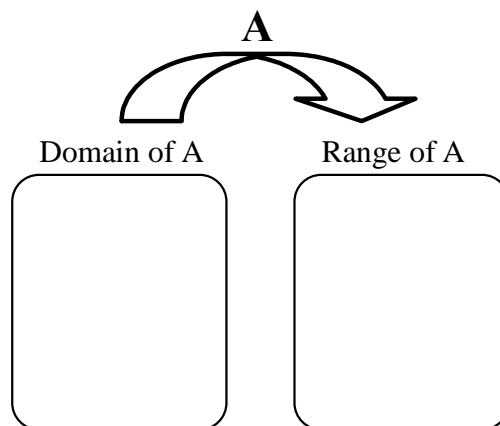
- (a) graph the relation and
- (b) complete the mapping diagram for the relation.

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

(a)

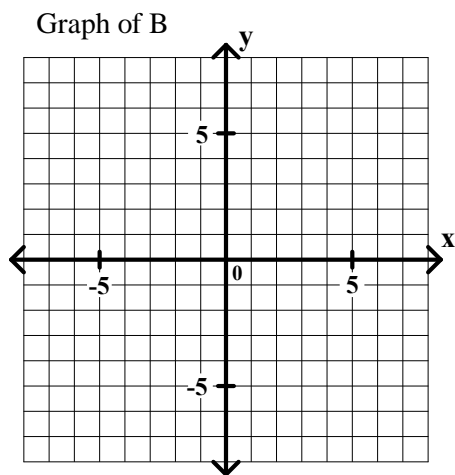


(b)

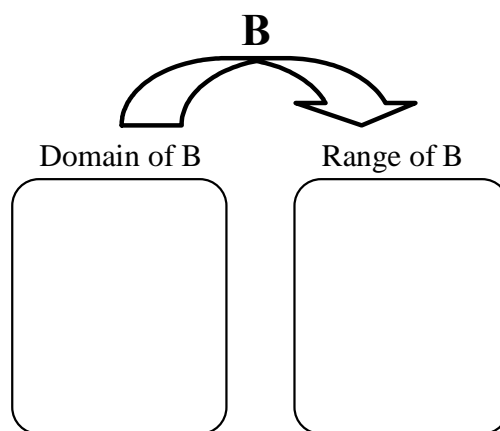


2. $B = \{ (-4, 3), (-4, 0), (-4, -3), (0, 0), (4, 3), (4, 0), (4, -3) \}$

(a)



(b)

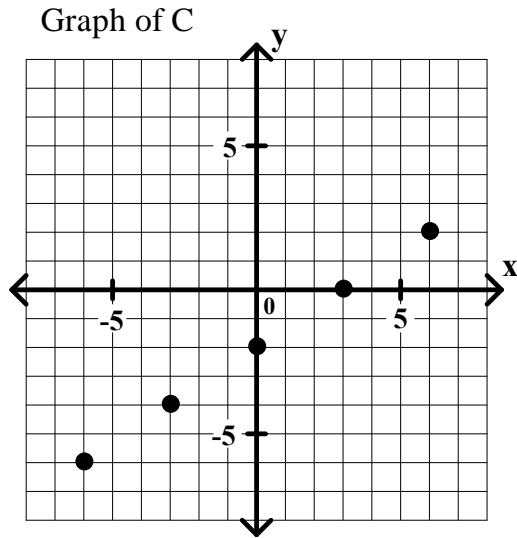


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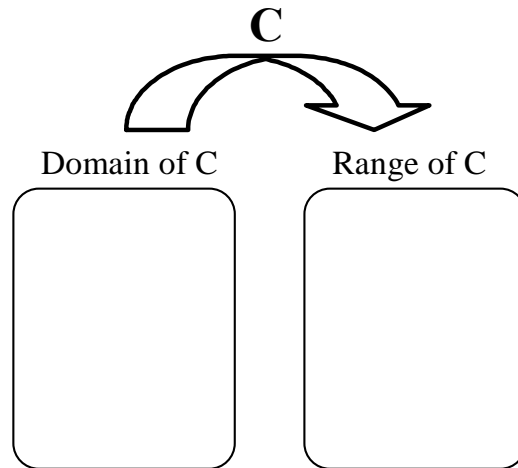
In each problem below a relation is given using a graph. In each case you are to

- (a) describe the relation using the listing method and
- (b) complete the mapping diagram for the relation.

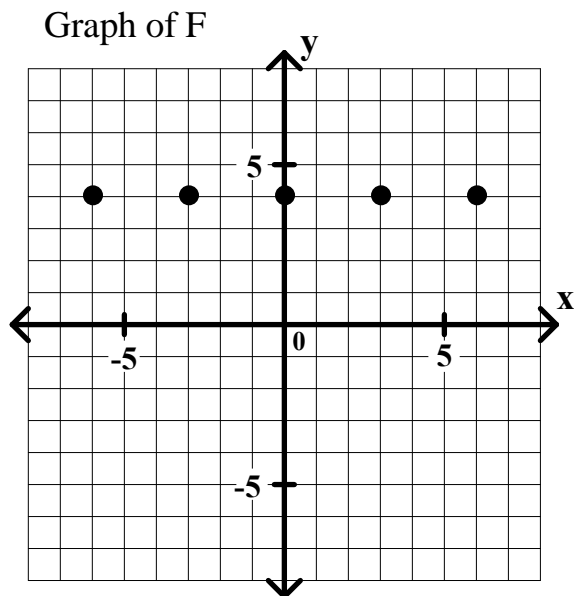
3. (a) $C =$ _____



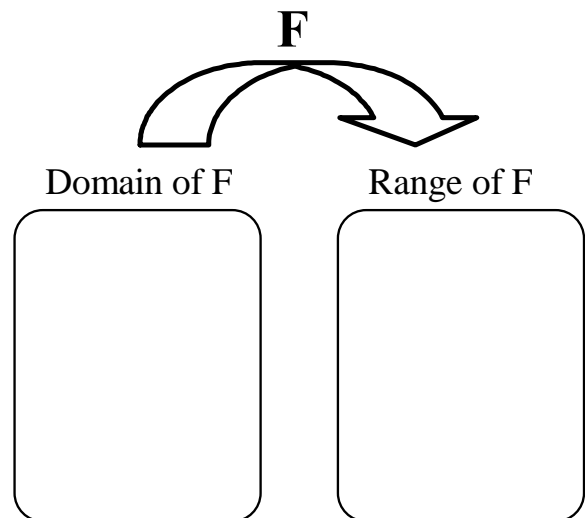
(b)



4. (a) $F =$ _____



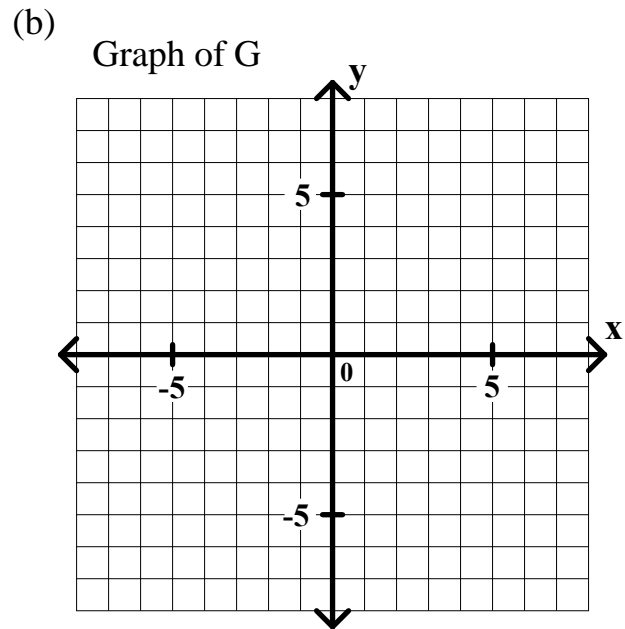
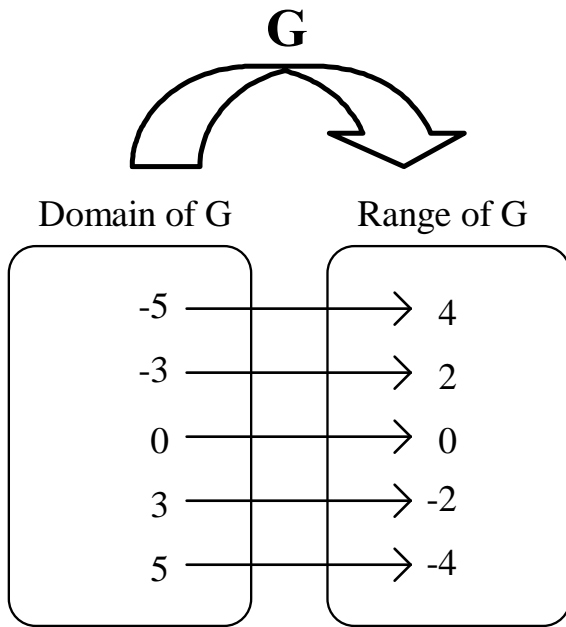
(b)



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In each problem below a relation is given using a mapping diagram. In each case you are to
 (a) describe the relation using the listing method and
 (b) graph the relation.

5. (a) $G =$ _____



6. (a) $H =$ _____

