

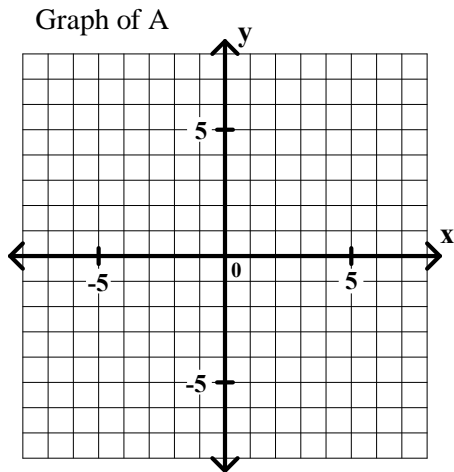
# Algebra II Worksheet #1 Unit 3 page 1

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

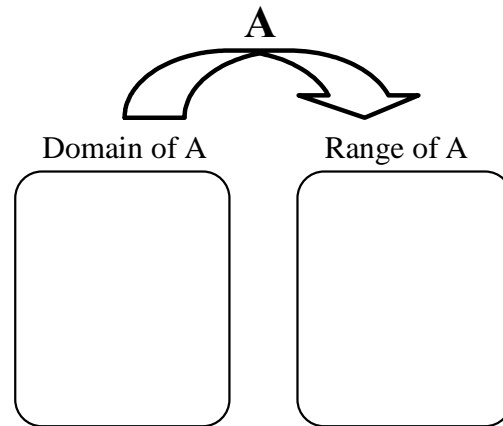
- (a) graph the relation and
- (b) complete the mapping diagram for the relation.

1.  $A = \{ (0, 0), (1, 2), (-1, 2), (2, 4), (-2, 4), (3, 6), (-3, 6) \}$

(a)

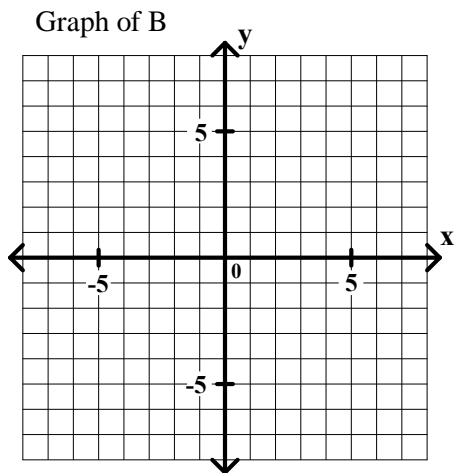


(b)

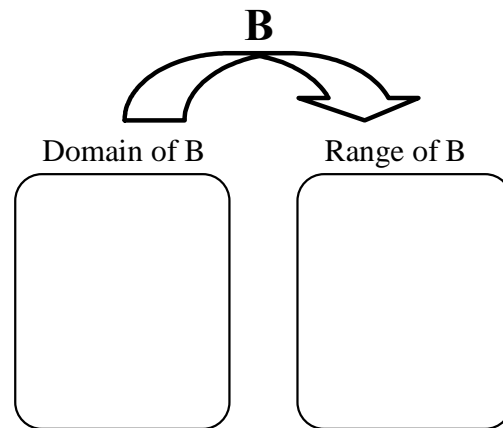


2.  $B = \{ (-3, 4), (-2, 3), (-1, 2), (0, 1), (1, 0), (2, -1), (3, -2) \}$

(a)



(b)

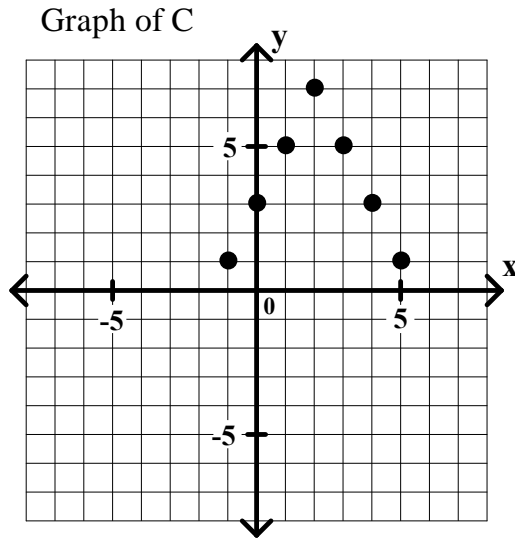


## Algebra II Worksheet #1 Unit 3 page 2

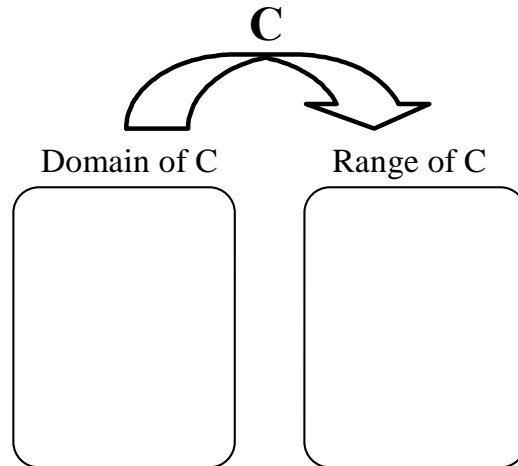
In each problem below a relation is given using a graph. In each case you are to

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

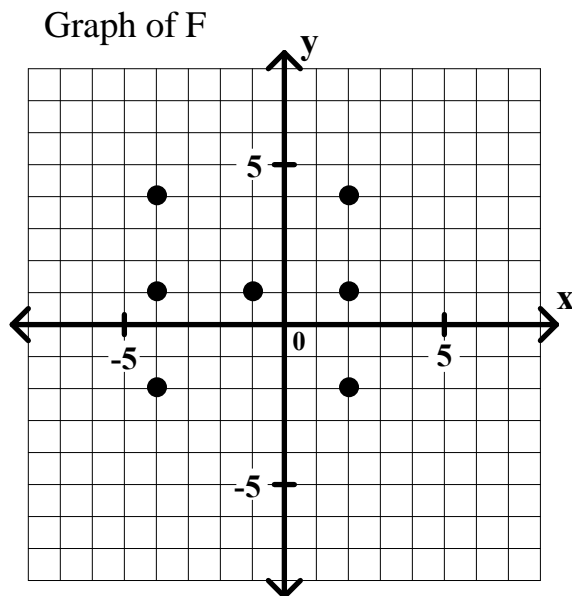
3. (a)  $C =$  \_\_\_\_\_



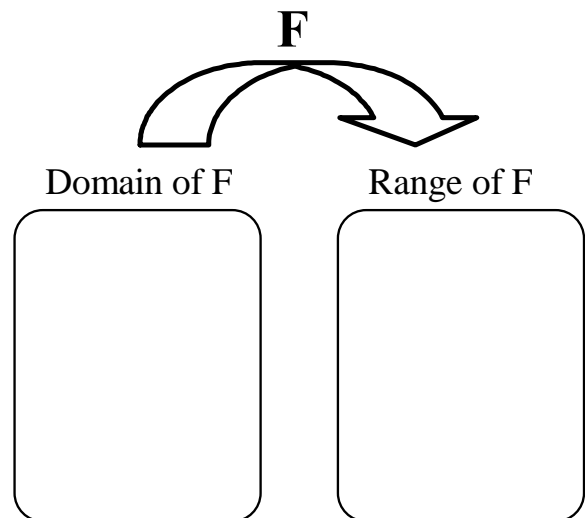
(b)



4. (a)  $F =$  \_\_\_\_\_



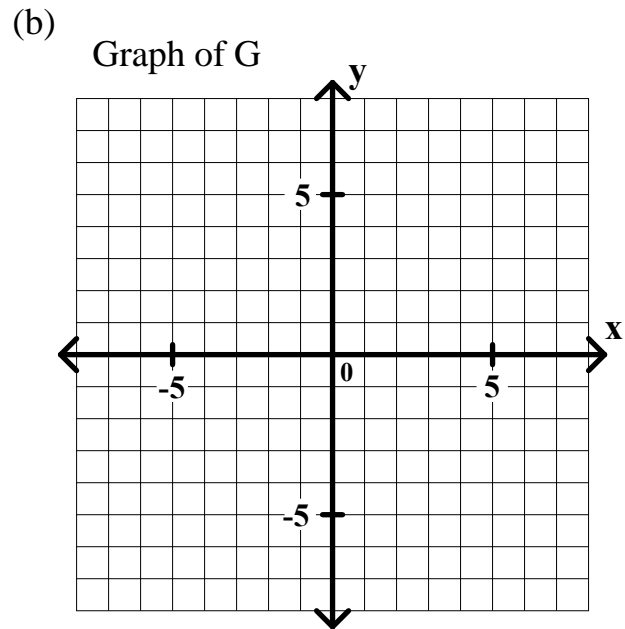
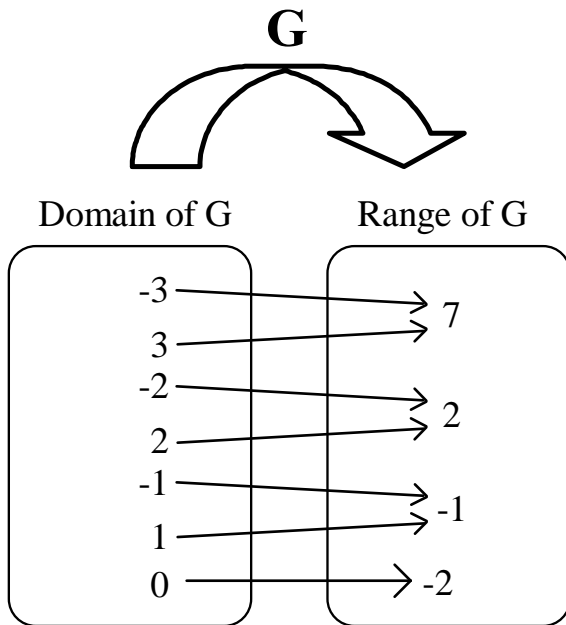
(b)



## Algebra II Worksheet #1 Unit 3 page 3

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)  $H =$  \_\_\_\_\_

