

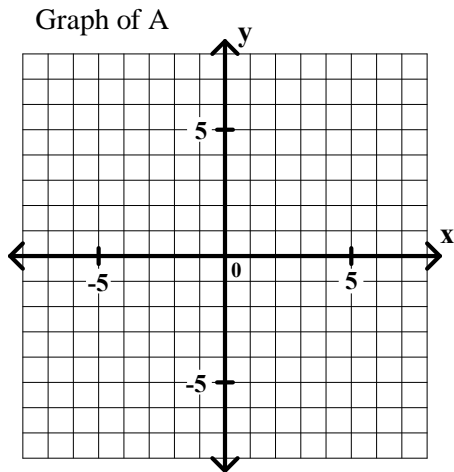
# Algebra I Worksheet #2 Unit 8 page 1

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

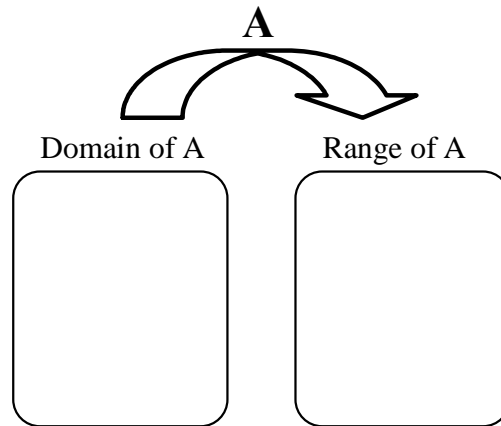
- (a) graph the relation and
- (b) complete the mapping diagram for the relation.

1.  $A = \{ (0, -1), (1, -3), (1, 1), (2, -5), (2, 3), (3, -7), (3, 5) \}$

(a)

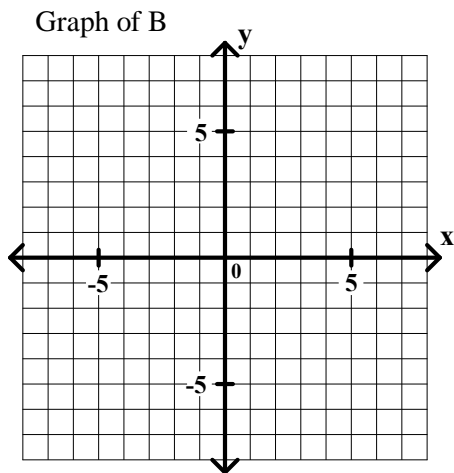


(b)

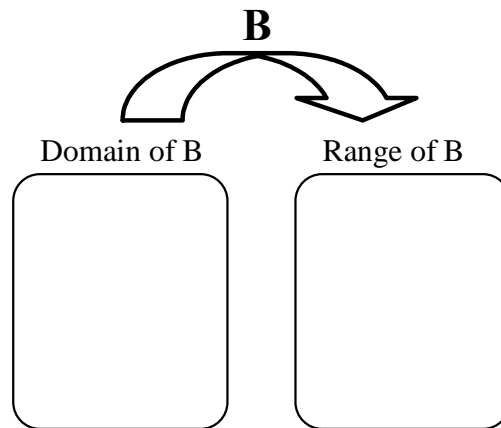


2.  $B = \{ (-3, 1), (-2, 1), (-1, 1), (0, 0), (1, -1), (2, -1), (3, -1) \}$

(a)



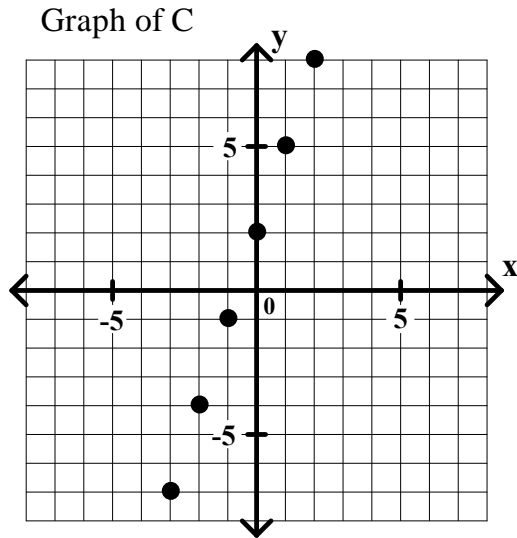
(b)



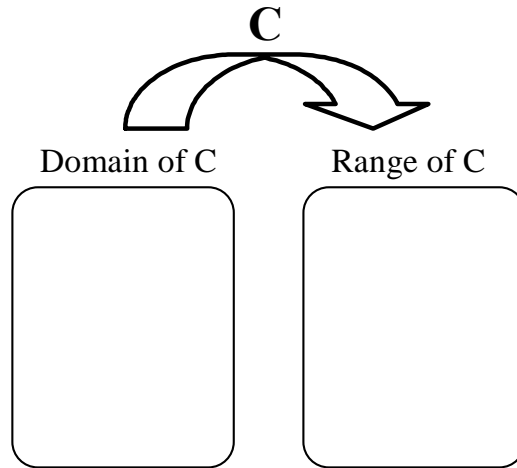
## Algebra I Worksheet #2 Unit 8 page 2

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.

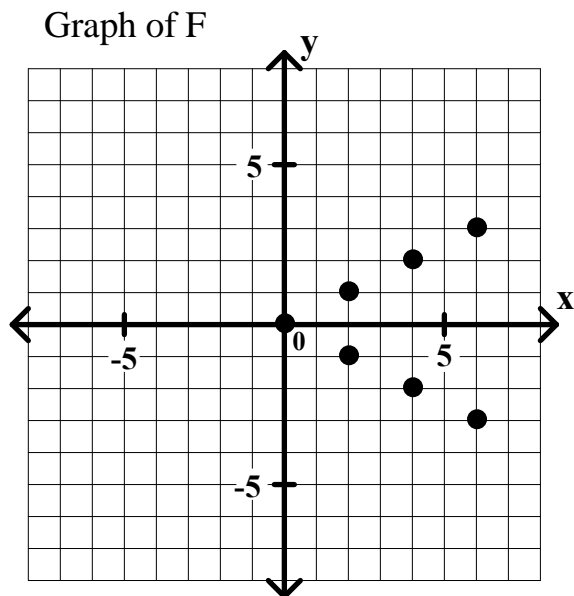
3. (a)  $C =$  \_\_\_\_\_



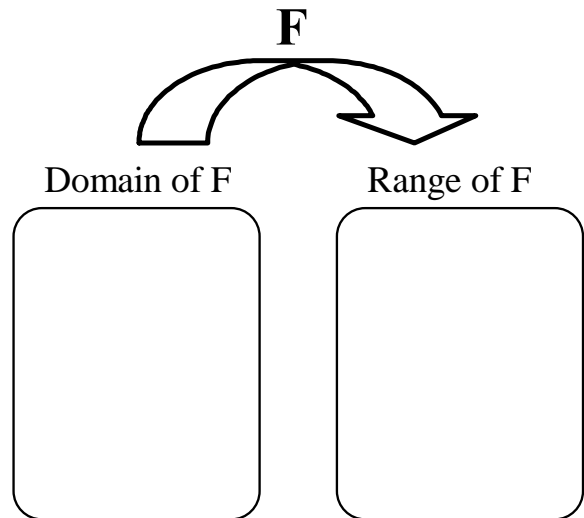
(b)



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



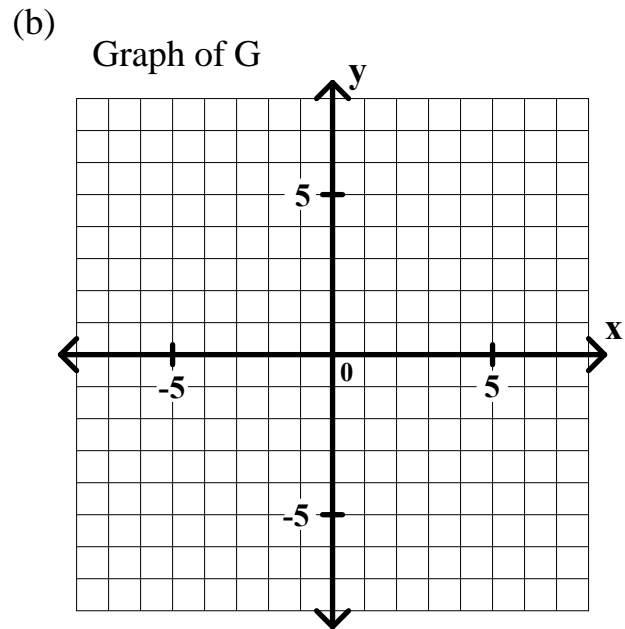
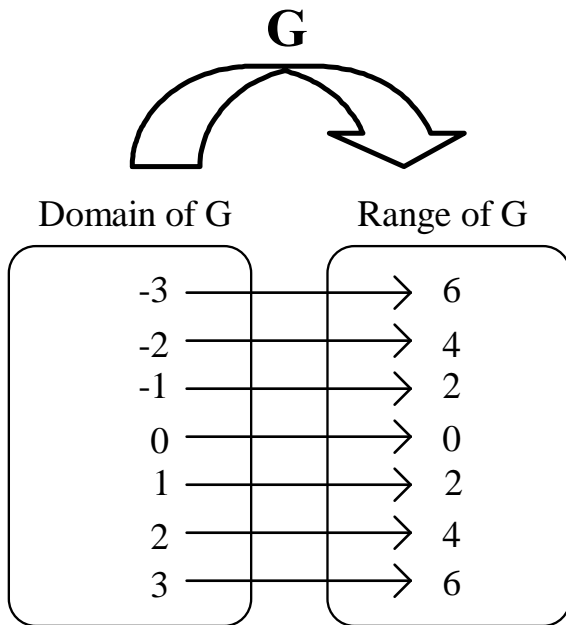
(b)



## Algebra I Worksheet #2 Unit 8 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)  $H =$  \_\_\_\_\_

