

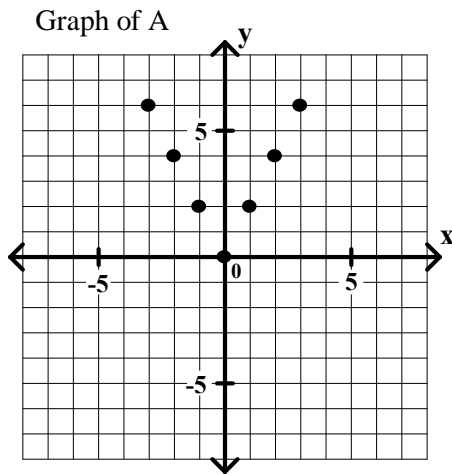
Algebra II Worksheet #1 Unit 3 Selected Solutions page 1

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

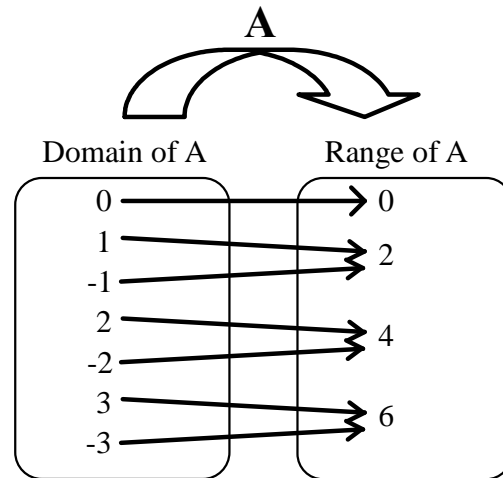
- (a) graph the relation and
- (b) complete the mapping diagram for the relation.

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

(a)



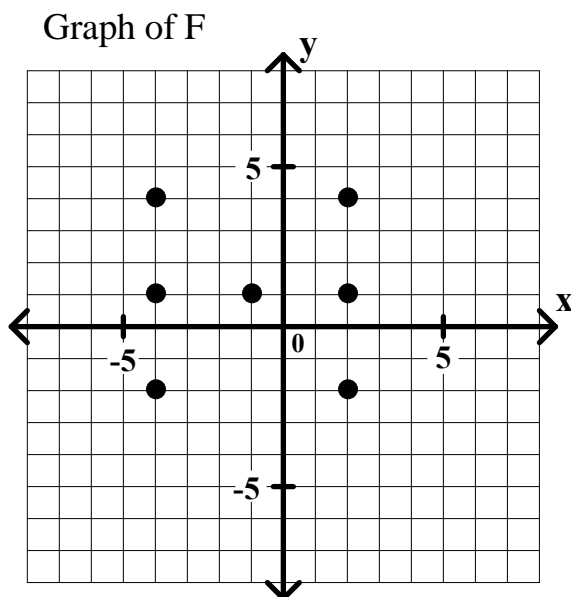
(b)



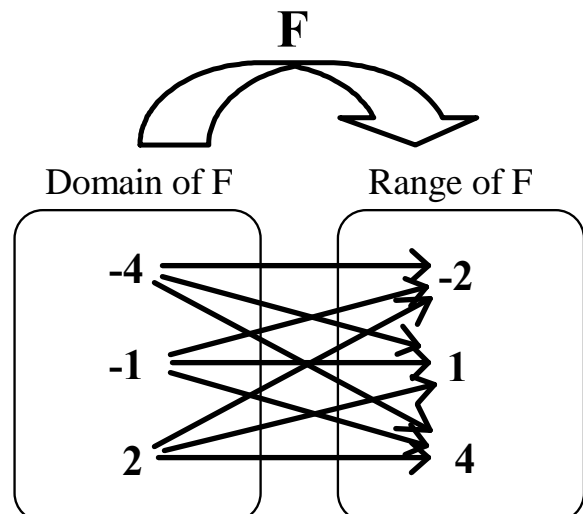
In each problem below a relation is given using a graph. In each case you are to

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

4. (a) $F = \{ (-4, -2), (-4, 1), (-4, 4), (-1, 1), (2, -2), (2, 1), (2, 4) \}$



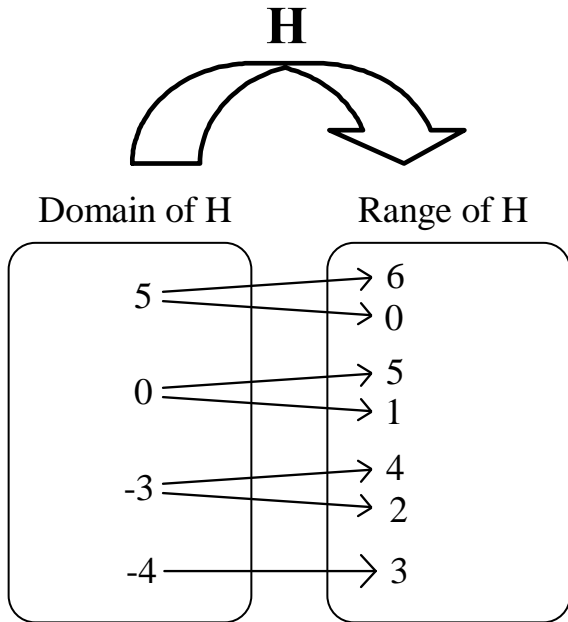
(b)



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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.

6. (a) $H = \underline{\{(5, 6), (5, 0), (0, 5), (0, 1), (-3, 4), (-3, 2), (-4, 3)\}}$



(b)

