General Algebra II Class Worksheet #1 Unit 6 page 1 _____

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

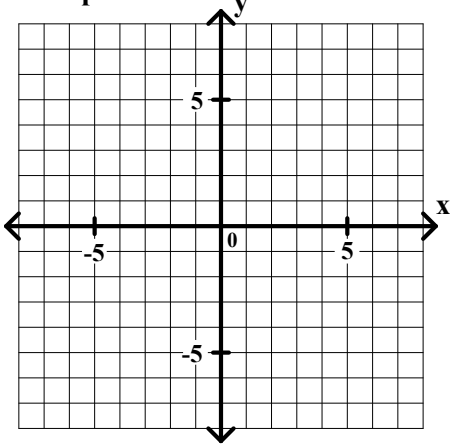
(a) graph the relation and

(b) complete the mapping diagram for the relation.

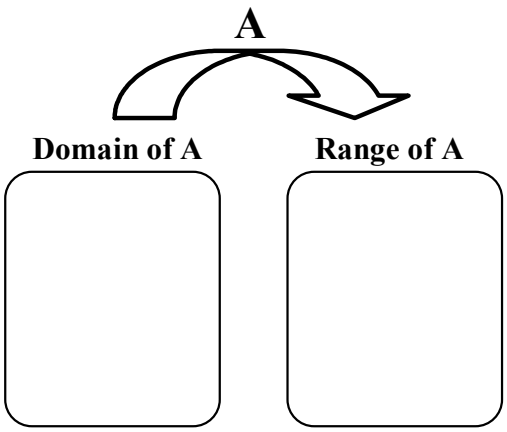
1. A = { (-5 , 6) , (-3 , 3) , (-1 , 0) , (1, -3) , (3 , -6) }

(a)

Graph of A



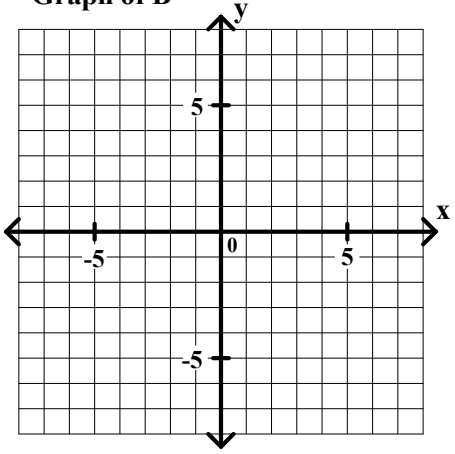
(b)



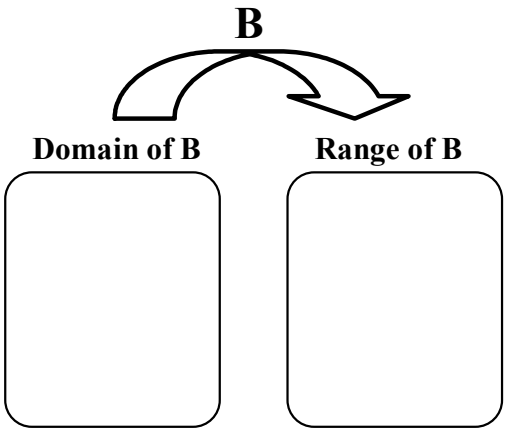
2. B = { (-4 , 3) , (-4 , 0) , (-4 , -3) , (0, 0) , (4 , 3) , (4 , 0) , (4 , -3) }

(a)

Graph of B



(b)



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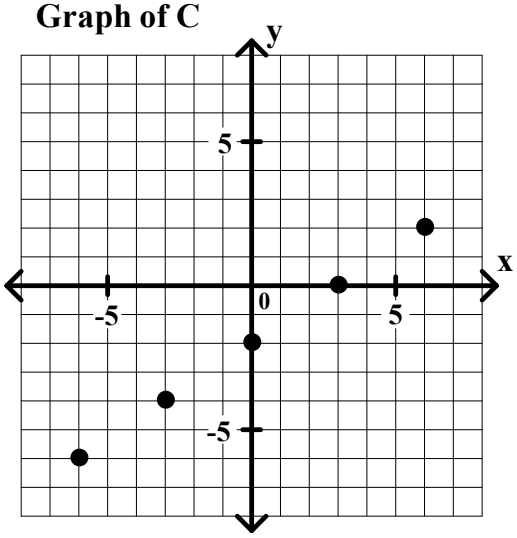
In each problem below a relation is given using a graph. In each case you are to

(a) describe the relation using the listing method and

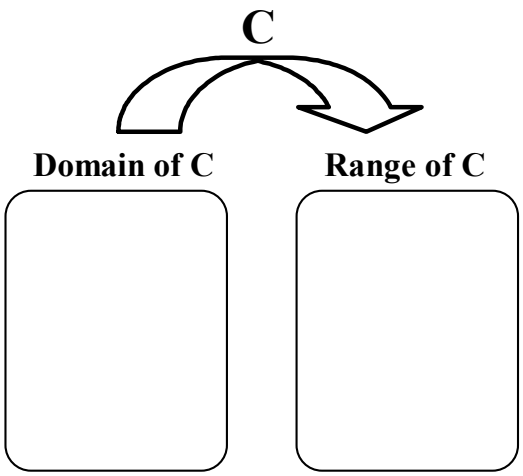
(b) complete the mapping diagram for the relation.

3. (a) C = _____

Graph of C

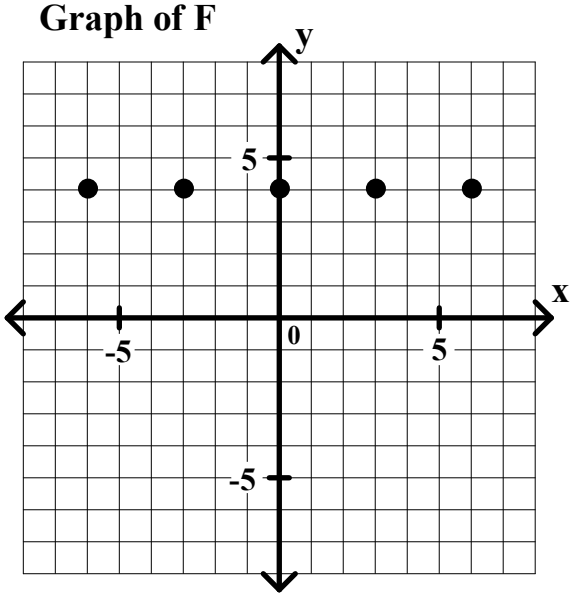


(b)

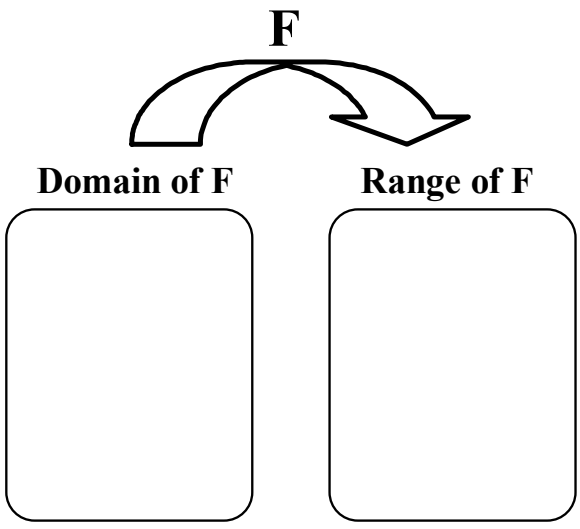


4. (a) F = _____

Graph of F



(b)



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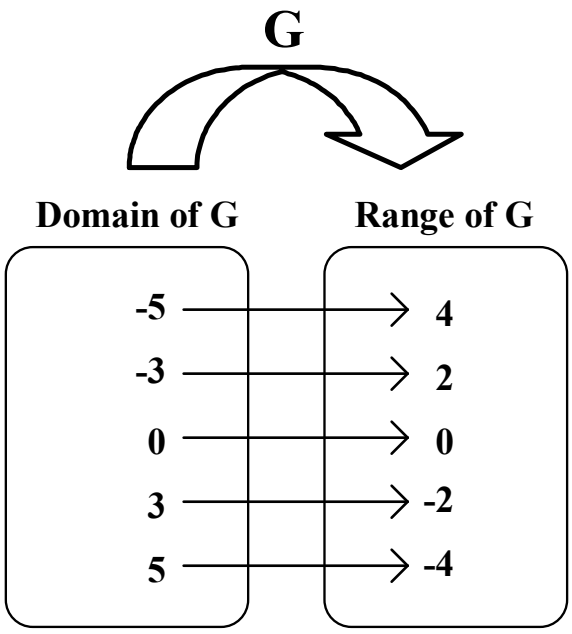
In each problem below a relation is given using a mapping diagram. In each case you are to

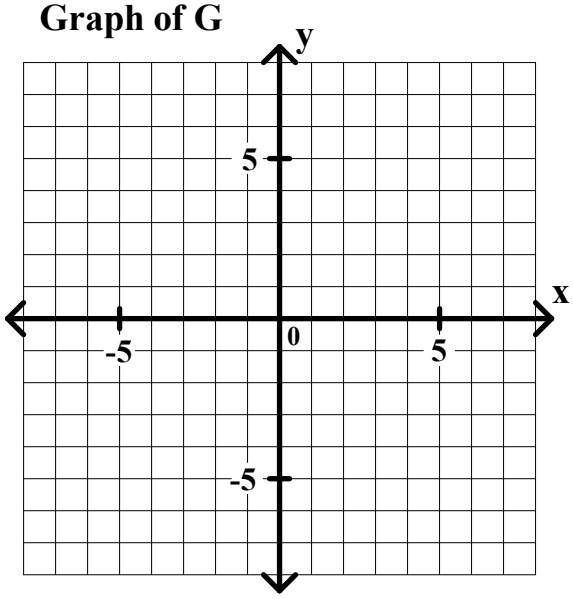
(a) describe the relation using the listing method and

(b) graph the relation.

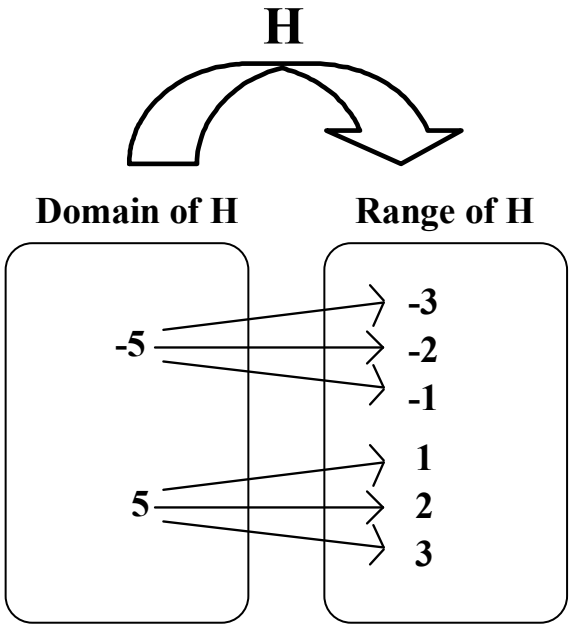
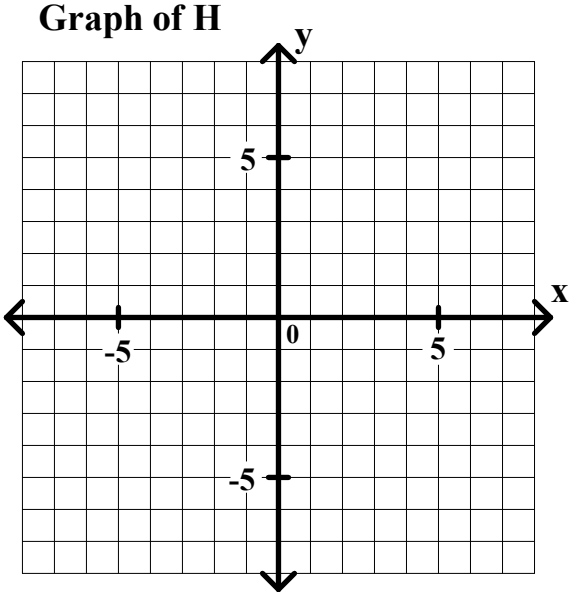
5. (a) G = _____



(b)



6. (a) H = _____



(b)