Relations

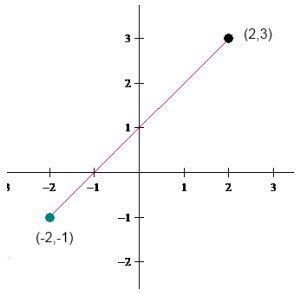
1. Write each relation as a map. Then identify the domain and the range of the relation.

$$\{(2,3),(4,5),(8,1),(9,2)\}$$

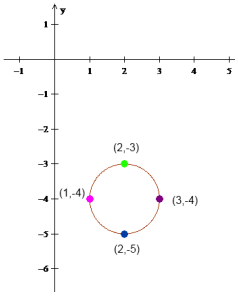
2. Write each relation as a map. Then identify the domain and the range of the relation.

$$\{(1,2),(-1,-2),(3,2),(5,1)\}$$

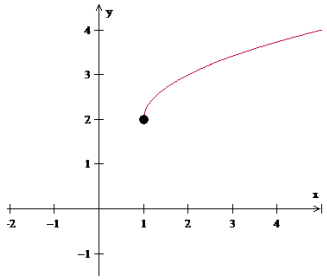
3. Identify the domain and the range of the relation from the graph.



4. Identify the domain and the range of the relation from the graph.



5. Identify the domain and the range of the relation from the graph.



6. Use the graph of the relation obtained to identify the domain and the range of the relation.

$$y = -5x - 3$$

7. Use the graph of the relation obtained to identify the domain and the range of the relation.

$$y = x^2 + 3$$

8. Use the graph of the relation obtained to identify the domain and the range of the relation.

$$y = -|x| - 3$$

9. Use the graph of the relation obtained to identify the domain and the range of the relation.

$$y = x^3 + 1$$