

Name : _____

Domain and Range - Ordered pairs

Sheet 1

A) Find the domain and range of each relation.

1) $\{(1, -1), (2, -3), (0, 5), (-1, 3), (4, -5), (-1, 5), (4, -4)\}$

Domain : _____

Range : _____

3) $\{(10, -5), (-16, -8), (15, 9), (-4, 19), (6, -7)\}$

Domain : _____

Range : _____

5) $\{(17, -9), (10, -5), (8, 3), (8, 4), (6, -14)\}$

Domain : _____

Range : _____

7) $\{(19, 12), (11, 5), (2, 2), (-4, 16), (6, 5), (-2, 1), (3, -3)\}$

Domain : _____

Range : _____

2) $\{(3, -2), (-8, -7), (0, 6), (-3, 4), (6, -3), (-1, 6), (5, -3)\}$

Domain : _____

Range : _____

4) $\{(5, -4), (7, -9), (0, 9), (-12, 3), (9, 4), (-6, -3), (8, 2)\}$

Domain : _____

Range : _____

6) $\{(5, 5), (3, 8), (5, 4), (7, 5), (13, 8), (6, 2)\}$

Domain : _____

Range : _____

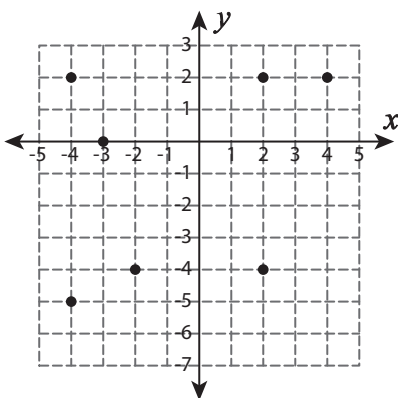
8) $\{(3, -2), (-3, -2), (1, 4), (-6, 5), (1, 3), (-20, 7)\}$

Domain : _____

Range : _____

B) Find the domain and range of ordered pairs represented on the graph.

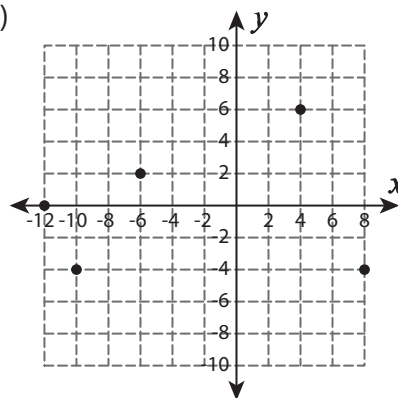
9)



Domain : _____

Range : _____

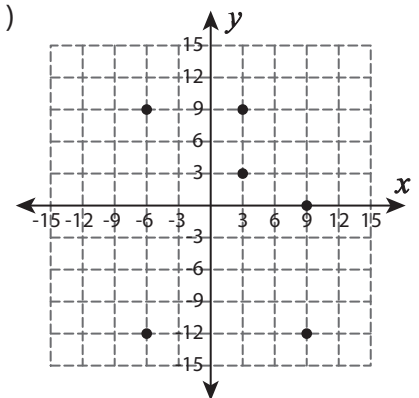
10)



Domain : _____

Range : _____

11)



Domain : _____

Range : _____

Domain and Range - Ordered pairs

A) Find the domain and range of each relation.

1) $\{(1, -1), (2, -3), (0, 5), (-1, 3), (4, -5), (-1, 5), (4, -4)\}$

Domain : **$\{-1, 0, 1, 2, 4\}$** Range : **$\{-5, -4, -3, -1, 3, 5\}$**

3) $\{(10, -5), (-16, -8), (15, 9), (-4, 19), (6, -7)\}$

Domain : **$\{-16, -4, 6, 10, 15\}$** Range : **$\{-8, -7, -5, 9, 19\}$**

5) $\{(17, -9), (10, -5), (8, 3), (8, 4), (6, -14)\}$

Domain : **$\{6, 8, 10, 17\}$** Range : **$\{-14, -9, -5, 3, 4\}$**

7) $\{(19, 12), (11, 5), (2, 2), (-4, 16), (6, 5), (-2, 1), (3, -3)\}$

Domain : **$\{-4, -2, 2, 3, 6, 11, 19\}$** Range : **$\{-3, 1, 2, 5, 12, 16\}$**

2) $\{(3, -2), (-8, -7), (0, 6), (-3, 4), (6, -3), (-1, 6), (5, -3)\}$

Domain : **$\{-8, -3, -1, 0, 3, 5, 6\}$** Range : **$\{-7, -3, -2, 4, 6\}$**

4) $\{(5, -4), (7, -9), (0, 9), (-12, 3), (9, 4), (-6, -3), (8, 2)\}$

Domain : **$\{-12, -6, 0, 5, 7, 8, 9\}$** Range : **$\{-9, -4, -3, 2, 3, 4, 9\}$**

6) $\{(5, 5), (3, 8), (5, 4), (7, 5), (13, 8), (6, 2)\}$

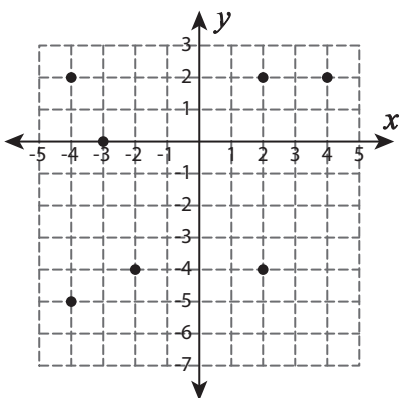
Domain : **$\{3, 5, 6, 7, 13\}$** Range : **$\{2, 4, 5, 8\}$**

8) $\{(3, -2), (-3, -2), (1, 4), (-6, 5), (1, 3), (-20, 7)\}$

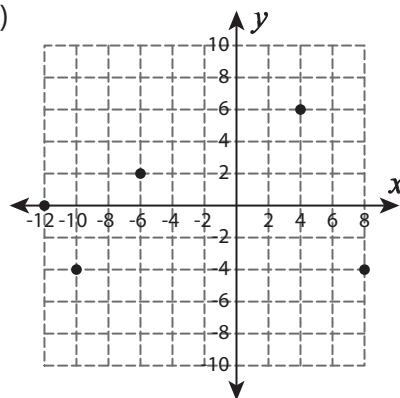
Domain : **$\{-20, -6, -3, 1, 3\}$** Range : **$\{-2, 3, 4, 5, 7\}$**

B) Find the domain and range of ordered pairs represented on the graph.

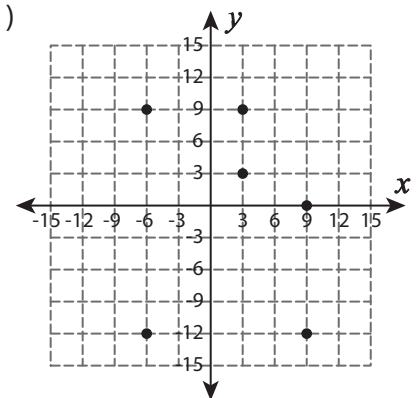
9)

Domain : **$\{-4, -3, -2, 2, 4\}$** Range : **$\{-5, -4, 0, 2\}$**

10)

Domain : **$\{-12, -10, -6, 4, 8\}$** Range : **$\{-4, 0, 2, 6\}$**

11)

Domain : **$\{-6, 3, 9\}$** Range : **$\{-12, 0, 3, 9\}$**