

Name: KEY

Ordered Pairs

Example: Find the Domain and Range.

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

Domain = $\{1, 2, 3, 4\}$ Range = $\{1, 2, 5, 6, 8\}$

Find the Domain and Range for each set of ordered pairs.

1) $\{(3, 2), (5, 7), (1, 4), (9, 2), (3, 7)\}$

Domain : $\{1, 3, 5, 9\}$

Range : $\{2, 4, 7\}$

2) $\{(6, 2), (3, 5), (9, 0), (5, 7), (8, 1)\}$

Domain : $\{3, 5, 6, 8, 9\}$

Range : $\{0, 1, 2, 5, 7\}$

3) $\{(1, 9), (2, 7), (5, 4), (7, 12), (3, 9)\}$

Domain : $\{1, 2, 3, 5, 7\}$

Range : $\{4, 7, 9, 12\}$

4) $\{(0, 2), (3, 3), (8, 7), (2, 2), (3, 9)\}$

Domain : $\{0, 2, 3, 8\}$

Range : $\{2, 3, 7, 9\}$

5) $\{(11, 3), (6, 5), (7, 1), (9, 7), (8, 3)\}$

Domain : $\{6, 7, 8, 9, 11\}$

Range : $\{1, 3, 5, 7\}$

6) $\{(6, 1), (9, 2), (6, 8), (9, 7), (8, 3)\}$

Domain : $\{6, 8, 9\}$

Range : $\{1, 2, 3, 7, 8\}$

7) $\{(1, 9), (0, 8), (3, 0), (4, 9), (7, 7)\}$

Domain : $\{0, 1, 3, 4, 7\}$

Range : $\{0, 7, 8, 9\}$

8) $\{(9, 9), (7, 4), (1, 2), (2, 6), (5, 0)\}$

Domain : $\{1, 2, 5, 7, 9\}$

Range : $\{0, 2, 4, 6, 9\}$

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

Domain : $\{1, 2, 3, 4, 5\}$

Range : $\{1, 2, 3, 4\}$

10) $\{(8, 4), (6, 2), (1, 9), (3, 8), (0, 7)\}$

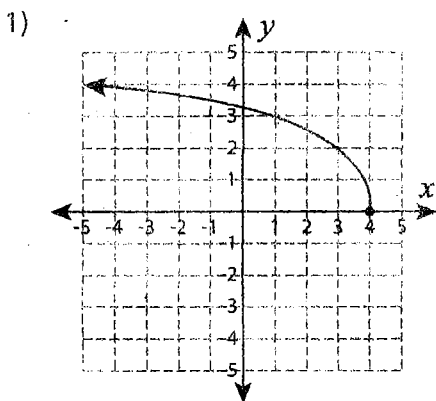
Domain : $\{0, 1, 3, 6, 8\}$

Range : $\{2, 4, 7, 8, 9\}$

Name: _____

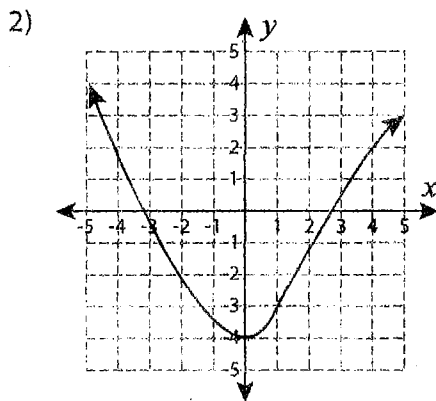
Domain and Range

Find the domain and range for each graph.



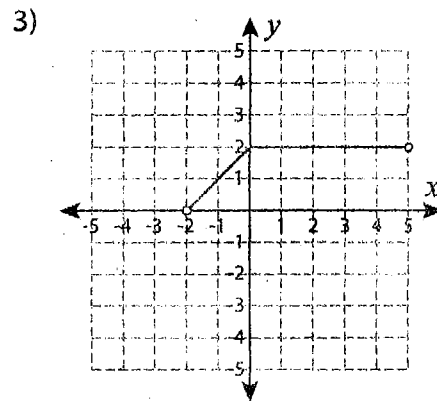
Domain : $x \leq 4$

Range : $y \geq 0$



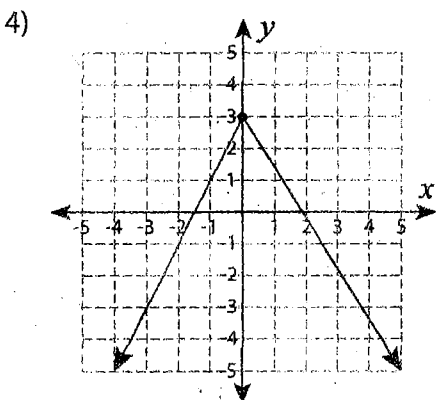
Domain : $x \in \mathbb{R}$

Range : $y \geq -4$



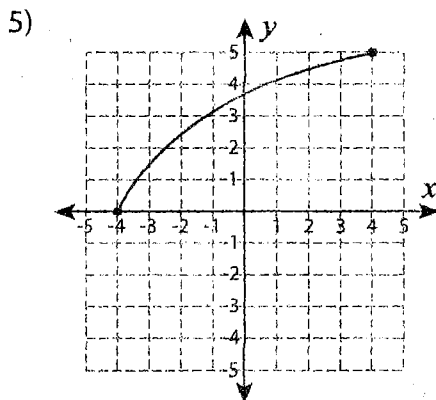
Domain : $-2 < x < 5$

Range : $0 < y \leq 2$



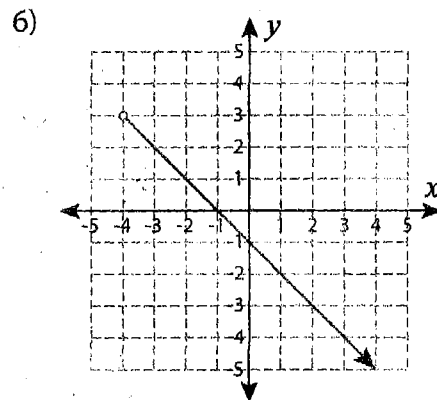
Domain : $x \in \mathbb{R}$

Range : $y \leq 3$



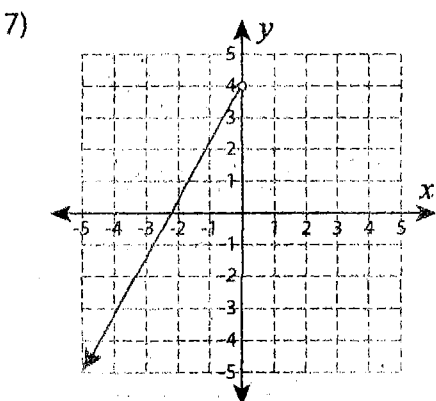
Domain : $-4 \leq x \leq 4$

Range : $0 \leq y \leq 5$



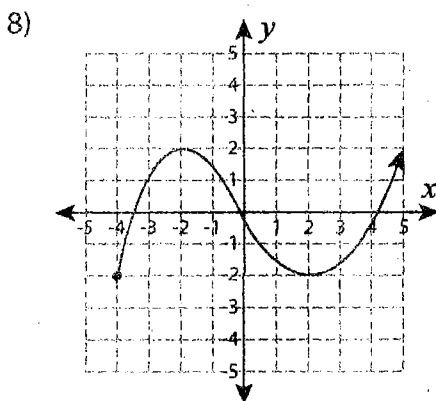
Domain : $x > -4$

Range : $y < 3$



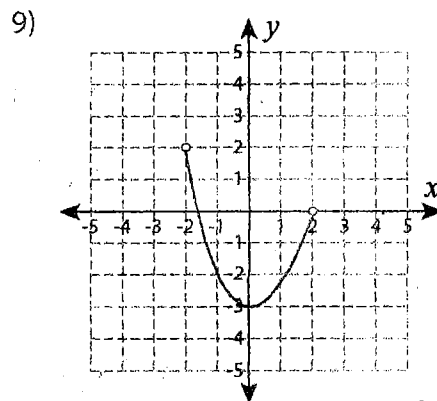
Domain : $x < 0$

Range : $y < 4$



Domain : $x \geq -4$

Range : $y \geq -2$



Domain : $-2 < x < 2$

Range : $-3 \leq y < 2$