

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 : _____

Range : _____

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

Domain : _____

Range : _____

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

Domain : _____

Range : _____

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

Domain : _____

Range : _____

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

Domain : _____

Range : _____

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

Domain : _____

Range : _____

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

Domain : _____

Range : _____

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

Domain : _____

Range : _____

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

Domain : _____

Range : _____

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

Domain : _____

Range : _____

Ordered Pairs

Example: Find the Domain and Range.

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

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

Answers

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