

Intermediate Algebra Skill

Finding the Domain and Range: Given a Set of Ordered Pairs

Find the Domain and Range:

$$1) f = \{(-4, 8), (-2, 9), (-1, 10), (0, -4)\}$$

$$2) F = \{(8, -3), (2, -6), (-6, -4)\}$$

$$3) G = \{(2, -3), (1, 8), (2, 7), (3, 10), (0, -3)\}$$

$$4) g = \{(-5, -2), (-1, -1), (12, -4), (-1, -12)\}$$

$$5) h = \{(1/2, 0), (-4/3, 0), (1/8, 0), (0, 0)\}$$

$$6) H = \{(4, 3), (4, 4), (4, 5), (4, 6), (4, 7)\}$$

$$7) J = \{(-1, 1), (-2, 2), (-3, 3)\}$$

$$8) j = \{(-1, 1), (-1, 2), (2, 3)\}$$

$$9) K = \{(0, -1), (1, 5), (2, 5)\}$$

$$10) k = \{(5, 5), (2, 6), (5, -1)\}$$

Answers to Finding the Domain and Range: Given a Set of Ordered Pairs

1) $D = \{-4, -2, -1, 0\}, R = \{8, 9, 10, -4\}$

2) $D = \{8, 2, -6\}, R = \{-3, -6, -4\}$

3) $D = \{2, 1, 3, 0\}, R = \{-3, 8, 7, 10\}$

4) $D = \{-5, -1, 12\}, R = \{-2, -1, -4, -12\}$

5) $D = \{1/2, -4/3, 1/8, 0\}, R = \{0\}$

6) $D = \{4\}, R = \{3, 4, 5, 6, 7\}$

7) $D = \{-1, -2, -3\}, R = \{1, 2, 3\}$

8) $D = \{-1, 2\}, R = \{1, 2, 3\}$

9) $D = \{0, 1, 2\}, R = \{-1, 5\}$

10) $D = \{5, 2\}, R = \{5, 6, -1\}$