

Intermediate Algebra Skill**Finding the Inverse of a Function: Given as Ordered Pairs**

Find the inverse of the given function:

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

$$2) g = \{(9,5), (2,10), (-1,7)\}$$

$$3) F = \{(2,3), (3,6), (4,5)\}$$

$$4) G = \{(-1,0), (2,8), (0,2)\}$$

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

$$6) J = \{(-1,1), (-2,2), (-3,3)\}$$

$$7) Q = \{(0,1), (5,3), (1/2,2)\}$$

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

$$9) S = \{(0,1), (1,2), (2,3)\}$$

$$10) F = \{(1,5), (1,6), (5,4)\}$$

Answers to Finding the Inverse of a Function: Given as Ordered Pairs

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

$$2) g^{-1} = \{(5,9), (10,2), (7,-1)\}$$

$$3) F^{-1} = \{(3,2), (6,3), (5,4)\}$$

$$4) G^{-1} = \{(0,-1), (8,2), (2,0)\}$$

$$5) H^{-1} = \{(2,1), (4,3), (6,5)\}$$

$$6) J^{-1} = \{(1,-1), (2,-2), (3,-3)\}$$

$$7) Q^{-1} = \{(1,0), (3,5), (2,1/2)\}$$

$$8) T^{-1} = \{(1/2, -1/2), (1, -1/2), (1/3, 1)\}$$

$$9) S^{-1} = \{(1,0), (2,1), (3,2)\}$$

$$10) F^{-1} = \{(5,1), (6,1), (4,5)\}$$