Intermediate Algebra Skill

<u>Finding the Inverse of a Function: Given as Ordered Pairs</u>

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