

## Math 3 Advanced

## 5.2 Practice Problems - KEY

Find the inverse relation of the given function.

1.  $f^{-1}(x) = \frac{x-3}{2}$

2.  $g^{-1}(x) = \frac{x+1}{5}$

3.  $h^{-1}(x) = \frac{x-10}{7}$

4.  $p^{-1}(x) = \frac{x-4}{-3} = \frac{4-x}{3}$

5.  $h^{-1}(x) = 4x - 5$

6.  $f^{-1}(x) = 7 - 3x$

7.  $h^{-1}(x) = 2x - 9$

8.  $g^{-1}(x) = 5x + 5$

9.  $g^{-1}(x) = \frac{5-10x}{x}$

10.  $f^{-1}(x) = \frac{1-8x}{4x}$

11.  $h^{-1}(x) = \frac{3+10x}{7x}$

12.  $f^{-1}(x) = \frac{5x-18}{2x}$