

**Unit 8 – Writing Function Inverses**

**Write the inverse of the function.**

1.  $f(x) = 3x$

2.  $f(x) = 3x + 5$

3.  $f(x) = 3x - 7$

4.  $f(x) = \frac{3}{5}x + 4$

5.  $f(x) = \frac{7}{x} + 4$

6.  $f(x) = \frac{7}{x+4}$

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7.  $f(x) = \frac{7}{x}$

8.  $f(x) = x^2$

9.  $f(x) = 0.5x - 2$

10.  $f(x) = \frac{0.5}{x} - 2$

11.  $f(x) = 8x^2$

12.  $f(x) = \frac{5}{x}$