

Inverse of Functions

Find the inverse of each function.

1) $f(x) = -\frac{1}{7} - \frac{x}{4}$

2) $f(x) = \frac{10x + 7}{2}$

3) $f(x) = -x + 12$

5) $f(x) = \frac{6}{5}x + \frac{7}{5}$

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

8) $f(x) = -2x - 15$

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Inverse of Functions

Find the inverse of each function.

$$1) f(x) = -\frac{1}{7} - \frac{x}{4}$$

$$f^{-1}(x) = -\frac{28x + 4}{7}$$

$$2) f(x) = \frac{10x + 7}{2}$$

$$f^{-1}(x) = \frac{2x - 7}{10}$$

$$3) f(x) = -x + 12$$

$$f^{-1}(x) = -x + 12$$

$$5) f(x) = \frac{6}{5}x + \frac{7}{5}$$

$$f^{-1}(x) = \frac{5x - 7}{6}$$

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

$$f^{-1}(x) = x + 7$$

$$8) f(x) = -2x - 15$$

$$f^{-1}(x) = -\frac{x + 15}{2}$$

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