

Name: _____

Inverse of Functions

L1S2

Find the inverse of each function.

1) $f(x) = \frac{x-8}{9}$

2) $f(x) = -14 + 5x$

3) $f(x) = -3x - 10$

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5) $f(x) = \frac{x}{2} - \frac{5}{6}$

7) $f(x) = -4x - 11$

8) $f(x) = 7x + 13$

Inverse of Functions

Find the inverse of each function.

1) $f(x) = \frac{x-8}{9}$

$$f^{-1}(x) = 9x + 8$$

2) $f(x) = -14 + 5x$

$$f^{-1}(x) = \frac{x+14}{5}$$

3) $f(x) = -3x - 10$

$$f^{-1}(x) = -\frac{x+10}{3}$$

5) $f(x) = \frac{x}{2} - \frac{5}{6}$

$$f^{-1}(x) = \frac{6x+5}{3}$$

7) $f(x) = -4x - 11$

$$f^{-1}(x) = -\frac{x+11}{4}$$

8) $f(x) = 7x + 13$

$$f^{-1}(x) = \frac{x-13}{7}$$

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