The point (-9, -1) is on the graph of f. Which point must be on the graph of $f^{-1}$?



$f(x) = 5x - 9$. Find $f^{-1}(-39)$.



Find the inverse of $f(x) = 4x - 16$.



The point (1, 8) is on the graph of f. Which point must be on the graph of $f^{-1}$?



$f(x) = 5x - 5$. Find $f^{-1}(-10)$.



Find the inverse of $f(x) = 5x$.



$f(x) = -3x + 9$ and $g(x) = -1/3x - 3$. Are f and g inverses of each other?



The point (-9, -2) is on the graph of f. Which point must be on the graph of $f^{-1}$?

Inverses of Linear Functions · 2

**ANSWER**

**-6**

Inverses of Linear Functions · 1

**ANSWER**

**(-1, -9)**

Inverses of Linear Functions · 4

**ANSWER**

**(8, 1)**

Inverses of Linear Functions · 3

**ANSWER**

**1/4x + 4**

Inverses of Linear Functions · 6

**ANSWER**

**1/5x**

Inverses of Linear Functions · 5

**ANSWER**

**-1**

Inverses of Linear Functions · 8

**ANSWER**

**(-2, -9)**

Inverses of Linear Functions · 7

**ANSWER**

**no**

Inverses of Linear Functions · 9

$f(x) = 2x + 1$. Find $f^{-1}(-11)$.

Inverses of Linear Functions · 10

Find the inverse of $f(x) = 4x + 4$.

Inverses of Linear Functions · 11

The point (0, -4) is on the graph of f. Which point must be on the graph of $f^{-1}$?

Inverses of Linear Functions · 12

$f(x) = 2x + 3$. Find $f^{-1}(-5)$.

Inverses of Linear Functions · 13

Find the inverse of $f(x) = 3x - 21$.

Inverses of Linear Functions · 14

$f(x) = -4x + 24$ and $g(x) = 1/4x + 6$. Are f and g inverses of each other?

Inverses of Linear Functions · 15

$f(x) = 2x + 3$. Find $f^{-1}(19)$.

Inverses of Linear Functions · 16

Find the inverse of $f(x) = 4x - 12$.

Inverses of Linear Functions · 10

**ANSWER**

**1/4x - 1**

Inverses of Linear Functions · 9

**ANSWER**

**-6**

Inverses of Linear Functions · 12

**ANSWER**

**-4**

Inverses of Linear Functions · 11

**ANSWER**

**(-4, 0)**

Inverses of Linear Functions · 14

**ANSWER**

**no**

Inverses of Linear Functions · 13

**ANSWER**

**1/3x + 7**

Inverses of Linear Functions · 16

**ANSWER**

**1/4x + 3**

Inverses of Linear Functions · 15

**ANSWER**

**8**

f(x) = -3x - 12 and g(x) = 1/3x - 4. Are f and g inverses of each other?



Find the inverse of f(x) = -2x + 2.



f(x) = -5x - 4. Find $f^{-1}(-19)$.



f(x) = -2x + 12 and g(x) = -1/2x - 6. Are f and g inverses of each other?



Find the inverse of f(x) = -2x - 2.



The point (9, -4) is on the graph of f. Which point must be on the graph of $f^{-1}$?



f(x) = 2x - 3. Find $f^{-1}(11)$.



Find the inverse of f(x) = 2x.

Inverses of Linear Functions · 18

**ANSWER**

**-1/2x + 1**

Inverses of Linear Functions · 17

**ANSWER**

**no**

Inverses of Linear Functions · 20

**ANSWER**

**no**

Inverses of Linear Functions · 19

**ANSWER**

**3**

Inverses of Linear Functions · 22

**ANSWER**

**(-4, 9)**

Inverses of Linear Functions · 21

**ANSWER**

**-1/2x - 1**

Inverses of Linear Functions · 24

**ANSWER**

**1/2x**

Inverses of Linear Functions · 23

**ANSWER**

**7**