Inverses of Linear Functions · 1

Find the inverse of f(x) = 1/4x - 1.

Inverses of Linear Functions · 2

f(x) = 2x - 1. Find $f^{-1}(13)$.

Inverses of Linear Functions · 3

f(x) = 3x + 6 and g(x) = $\frac{x - 6}{3}$.

Are f and g inverses of each other?

Inverses of Linear Functions · 4

Find the inverse of f(x) = 4/3x + 12.

Inverses of Linear Functions · 5

F(c) = 9/5c + 32 changes c degrees Celsius to degrees Fahrenheit. Find $F^{-1}(50)$, the Celsius temperature that equals 50 degrees Fahrenheit.

Inverses of Linear Functions · 6

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

Inverses of Linear Functions · 7

f(x) = -3x + 6 and g(x) = -1/3x + 2. Are f and g inverses of each other?

Inverses of Linear Functions · 8

f(x) = 2/3x - 8. Find $f^{-1}(-2)$.

Inverses of Linear Functions · 2

ANSWER

7

Inverses of Linear Functions · 1

ANSWER

4x + 4

Inverses of Linear Functions · 4

ANSWER

3/4x - 9

Inverses of Linear Functions · 3

ANSWER

yes

Inverses of Linear Functions · 6

ANSWER

1/4x - 3

Inverses of Linear Functions · 5

ANSWER

10

Inverses of Linear Functions · 8

ANSWER

9

Inverses of Linear Functions · 7

ANSWER

yes

Find the inverse of f(x) = -1/2x + 5.

f(x) = -6x - 8. Find $f^{-1}(-38)$.

f(x) = 3x + 18 and g(x) = $\frac{x - 18}{3}$. Are f and g inverses of each other?

Find the inverse of f(x) = 3/4x - 9.

Find the inverse of f(x) = 5x - 20.

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

f(x) = 3/2x - 5. Find $f^{-1}(4)$.

Find the inverse of f(x) = 3/4x + 6.

Inverses of Linear Functions · 10

ANSWER

5

Inverses of Linear Functions · 9

ANSWER

-2x + 10

Inverses of Linear Functions · 12

ANSWER

4/3x + 12

Inverses of Linear Functions · 11

ANSWER

yes

Inverses of Linear Functions · 14

ANSWER

yes

Inverses of Linear Functions · 13

ANSWER

1/5x + 4

Inverses of Linear Functions · 16

ANSWER

4/3x - 8

Inverses of Linear Functions · 15

ANSWER

6

Inverses of Linear Functions · 17

$f(x) = 3x - 8$. Find $f^{-1}(-2)$.

Inverses of Linear Functions · 18

$f(x) = 5x - 10$ and $g(x) = \frac{x - 10}{5}$. Are f and g inverses of each other?

Inverses of Linear Functions · 19

F(c) = 9/5c + 32 changes c degrees Celsius to degrees Fahrenheit. Find $F^{-1}(86)$, the Celsius temperature that equals 86 degrees Fahrenheit.

Inverses of Linear Functions · 20

Find the inverse of $f(x) = -5x - 10$.

Inverses of Linear Functions · 21

$f(x) = 4x - 24$ and $g(x) = \frac{x + 24}{4}$. Are f and g inverses of each other?

Inverses of Linear Functions · 22

$f(x) = -2/3x + 8$. Find $f^{-1}(4)$.

Inverses of Linear Functions · 23

Find the inverse of $f(x) = 2/5x - 6$.

Inverses of Linear Functions · 24

$f(x) = 6x - 2$. Find $f^{-1}(40)$.

Inverses of Linear Functions · 18

ANSWER

no

Inverses of Linear Functions · 17

ANSWER

2

Inverses of Linear Functions · 20

ANSWER

-1/5x - 2

Inverses of Linear Functions · 19

ANSWER

30

Inverses of Linear Functions · 22

ANSWER

6

Inverses of Linear Functions · 21

ANSWER

yes

Inverses of Linear Functions · 24

ANSWER

7

Inverses of Linear Functions · 23

ANSWER

5/2x + 15