Evaluating Piecewise Functions · 1

$f(x) = -x$ if $x < -1$; $f(x) = -5x - 3$ if $x \geq -1$. Find $f(-4)$.

Evaluating Piecewise Functions · 2

$f(x) = 7x + 2$ if $x < 0$; $f(x) = 4x - 1$ if $x \geq 0$. Find $f(5)$.

Evaluating Piecewise Functions · 3

$f(x) = -4x + 5$ if $x < 4$; $f(x) = 6x + 6$ if $x \geq 4$. Find $f(5)$.

Evaluating Piecewise Functions · 4

$f(x) = 4x - 6$ if $x < -4$; $f(x) = -4x - 2$ if $x \geq -4$. Find $f(-1)$.

Evaluating Piecewise Functions · 5

$f(x) = 6x - 1$ if $x < 2$; $f(x) = 4x - 4$ if $x \geq 2$. Find $f(-1)$.

Evaluating Piecewise Functions · 6

$f(x) = -3x + 5$ if $x < -5$; $f(x) = 2x + 2$ if $x \geq -5$. Find $f(-4)$.

Evaluating Piecewise Functions · 7

$f(x) = 7x - 3$ if $x < 2$; $f(x) = 7x + 5$ if $x \geq 2$. Find $f(-2)$.

Evaluating Piecewise Functions · 8

$f(x) = -2x + 1$ if $x < 5$; $f(x) = -6x - 5$ if $x \geq 5$. Find $f(0)$.

Evaluating Piecewise Functions · 2

ANSWER

19

Evaluating Piecewise Functions · 1

ANSWER

4

Evaluating Piecewise Functions · 4

ANSWER

2

Evaluating Piecewise Functions · 3

ANSWER

36

Evaluating Piecewise Functions · 6

ANSWER

-6

Evaluating Piecewise Functions · 5

ANSWER

-7

Evaluating Piecewise Functions · 8

ANSWER

1

Evaluating Piecewise Functions · 7

ANSWER

-17

Evaluating Piecewise Functions · 9

$f(x) = x - 4$ if $x < -2$; $f(x) = 3x - 1$ if $x \geq -2$. Find $f(-2)$.

Evaluating Piecewise Functions · 10

$f(x) = x + 5$ if $x < 4$; $f(x) = 8x - 5$ if $x \geq 4$. Find $f(9)$.

Evaluating Piecewise Functions · 11

$f(x) = -6x + 7$ if $x < -5$; $f(x) = 3x - 1$ if $x \geq -5$. Find $f(-1)$.

Evaluating Piecewise Functions · 12

$f(x) = 5x + 8$ if $x < 2$; $f(x) = -8x + 3$ if $x \geq 2$. Find $f(7)$.

Evaluating Piecewise Functions · 13

$f(x) = -3x$ if $x < -3$; $f(x) = 2x + 3$ if $x \geq -3$. Find $f(1)$.

Evaluating Piecewise Functions · 14

$f(x) = 4x + 8$ if $x < -3$; $f(x) = 8x - 4$ if $x \geq -3$. Find $f(-4)$.

Evaluating Piecewise Functions · 15

$f(x) = -7x + 5$ if $x < -4$; $f(x) = x - 4$ if $x \geq -4$. Find $f(-5)$.

Evaluating Piecewise Functions · 16

$f(x) = 6x + 3$ if $x < 5$; $f(x) = -4x + 1$ if $x \geq 5$. Find $f(8)$.

Evaluating Piecewise Functions · 10

ANSWER

67

Evaluating Piecewise Functions · 9

ANSWER

-7

Evaluating Piecewise Functions · 12

ANSWER

-53

Evaluating Piecewise Functions · 11

ANSWER

-4

Evaluating Piecewise Functions · 14

ANSWER

-8

Evaluating Piecewise Functions · 13

ANSWER

5

Evaluating Piecewise Functions · 16

ANSWER

-31

Evaluating Piecewise Functions · 15

ANSWER

40

Evaluating Piecewise Functions · 17

$f(x) = 3x - 3$ if $x < -4$; $f(x) = 3x + 6$ if $x \geq -4$. Find $f(-5)$.

Evaluating Piecewise Functions · 18

$f(x) = 8x + 2$ if $x < 4$; $f(x) = -8x + 3$ if $x \geq 4$. Find $f(1)$.

Evaluating Piecewise Functions · 19

$f(x) = 2x + 7$ if $x < -4$; $f(x) = x + 8$ if $x \geq -4$. Find $f(-5)$.

Evaluating Piecewise Functions · 20

$f(x) = -3x$ if $x < -1$; $f(x) = 2x + 1$ if $x \geq -1$. Find $f(1)$.

Evaluating Piecewise Functions · 21

$f(x) = -2x - 4$ if $x < 4$; $f(x) = -4x + 8$ if $x \geq 4$. Find $f(5)$.

Evaluating Piecewise Functions · 22

$f(x) = -7x - 8$ if $x < 0$; $f(x) = -8x - 7$ if $x \geq 0$. Find $f(-3)$.

Evaluating Piecewise Functions · 23

$f(x) = 7x - 6$ if $x < -3$; $f(x) = x + 4$ if $x \geq -3$. Find $f(0)$.

Evaluating Piecewise Functions · 24

$f(x) = -3x + 8$ if $x < -2$; $f(x) = -6x$ if $x \geq -2$. Find $f(-6)$.

Evaluating Piecewise Functions · 18

ANSWER

10

Evaluating Piecewise Functions · 17

ANSWER

-18

Evaluating Piecewise Functions · 20

ANSWER

3

Evaluating Piecewise Functions · 19

ANSWER

-3

Evaluating Piecewise Functions · 22

ANSWER

13

Evaluating Piecewise Functions · 21

ANSWER

-12

Evaluating Piecewise Functions · 24

ANSWER

26

Evaluating Piecewise Functions · 23

ANSWER

4