Evaluating Piecewise Functions · 1

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

Evaluating Piecewise Functions · 2

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

Evaluating Piecewise Functions · 3

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

Evaluating Piecewise Functions · 4

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

Evaluating Piecewise Functions · 5

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

Evaluating Piecewise Functions · 6

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

Evaluating Piecewise Functions · 7

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

Evaluating Piecewise Functions · 8

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

Evaluating Piecewise Functions · 2

ANSWER

-10

Evaluating Piecewise Functions · 1

ANSWER

-12

Evaluating Piecewise Functions · 4

ANSWER

7

Evaluating Piecewise Functions · 3

ANSWER

-3

Evaluating Piecewise Functions · 6

ANSWER

-9

Evaluating Piecewise Functions · 5

ANSWER

15

Evaluating Piecewise Functions · 8

ANSWER

-4

Evaluating Piecewise Functions · 7

ANSWER

-5

Evaluating Piecewise Functions · 9

f(x) = -2x - 1 if x < 2; f(x) = 3x - 3 if x ≥ 2. Find f(4).

Evaluating Piecewise Functions · 10

f(x) = 2x if x < -4; f(x) = -4x - 2 if x ≥ -4. Find f(-7).

Evaluating Piecewise Functions · 11

f(x) = 3x - 1 if x < -4; f(x) = 3x + 3 if x ≥ -4. Find f(-3).

Evaluating Piecewise Functions · 12

f(x) = 4x - 2 if x < -1; f(x) = -3x + 3 if x ≥ -1. Find f(2).

Evaluating Piecewise Functions · 13

f(x) = x - 1 if x < -3; f(x) = 2x - 2 if x ≥ -3. Find f(0).

Evaluating Piecewise Functions · 14

f(x) = 3x + 3 if x < 2; f(x) = x + 3 if x ≥ 2. Find f(1).

Evaluating Piecewise Functions · 15

f(x) = -x - 2 if x < 1; f(x) = 2x - 1 if x ≥ 1. Find f(-4).

Evaluating Piecewise Functions · 16

f(x) = 2x + 2 if x < -4; f(x) = -2x + 4 if x ≥ -4. Find f(-2).

Evaluating Piecewise Functions · 10

ANSWER

-14

Evaluating Piecewise Functions · 9

ANSWER

9

Evaluating Piecewise Functions · 12

ANSWER

-3

Evaluating Piecewise Functions · 11

ANSWER

-6

Evaluating Piecewise Functions · 14

ANSWER

6

Evaluating Piecewise Functions · 13

ANSWER

-2

Evaluating Piecewise Functions · 16

ANSWER

8

Evaluating Piecewise Functions · 15

ANSWER

2

Evaluating Piecewise Functions · 17

f(x) = -5x - 2 if x < -5; f(x) = 4x - 1 if x ≥ -5. Find f(-5).

Evaluating Piecewise Functions · 18

f(x) = -3x - 1 if x < -2; f(x) = -5x - 4 if x ≥ -2. Find f(-4).

Evaluating Piecewise Functions · 19

f(x) = 2x + 4 if x < 5; f(x) = x + 5 if x ≥ 5. Find f(7).

Evaluating Piecewise Functions · 20

f(x) = -3x - 1 if x < 2; f(x) = -2x + 1 if x ≥ 2. Find f(-1).

Evaluating Piecewise Functions · 21

f(x) = x if x < 5; f(x) = x - 4 if x ≥ 5. Find f(4).

Evaluating Piecewise Functions · 22

f(x) = x + 4 if x < 1; f(x) = -4x - 3 if x ≥ 1. Find f(3).

Evaluating Piecewise Functions · 23

f(x) = 4x + 5 if x < 5; f(x) = -2x - 3 if x ≥ 5. Find f(7).

Evaluating Piecewise Functions · 24

f(x) = -2x + 1 if x < 5; f(x) = 5x if x ≥ 5. Find f(4).

Evaluating Piecewise Functions · 18

ANSWER

11

Evaluating Piecewise Functions · 17

ANSWER

-21

Evaluating Piecewise Functions · 20

ANSWER

2

Evaluating Piecewise Functions · 19

ANSWER

12

Evaluating Piecewise Functions · 22

ANSWER

-15

Evaluating Piecewise Functions · 21

ANSWER

4

Evaluating Piecewise Functions · 24

ANSWER

-7

Evaluating Piecewise Functions · 23

ANSWER

-17