Literal Equations (Solving for a Variable) · 1

Solve for y: 4x + y = -8

Literal Equations (Solving for a Variable) · 2

Distance is d = rt. Solve for t. Then find t when d = 100 and r = 50.

Literal Equations (Solving for a Variable) · 3

Solve for y: 4x + y = 10

Literal Equations (Solving for a Variable) · 4

The perimeter of a rectangle is P = 2l + 2w. Solve for l. Then find l when P = 40 and w = 15.

Literal Equations (Solving for a Variable) · 5

Solve for y: 2x + y = -8

Literal Equations (Solving for a Variable) · 6

The perimeter of a rectangle is P = 2l + 2w. Solve for l. Then find l when P = 62 and w = 12.

Literal Equations (Solving for a Variable) · 7

Solve for y: x + y = 1

Literal Equations (Solving for a Variable) · 8

The perimeter of a rectangle is P = 2l + 2w. Solve for l. Then find l when P = 56 and w = 12.

Literal Equations (Solving for a Variable) · 2

ANSWER

2

Literal Equations (Solving for a Variable) · 1

ANSWER

y = -4x - 8

Literal Equations (Solving for a Variable) · 4

ANSWER

5

Literal Equations (Solving for a Variable) · 3

ANSWER

y = -4x + 10

Literal Equations (Solving for a Variable) · 6

ANSWER

19

Literal Equations (Solving for a Variable) · 5

ANSWER

y = -2x - 8

Literal Equations (Solving for a Variable) · 8

ANSWER

16

Literal Equations (Solving for a Variable) · 7

ANSWER

y = -x + 1

Literal Equations (Solving for a Variable) · 9

Solve for y: 5x + y = -3

Literal Equations (Solving for a Variable) · 10

The volume of a box is V = lwh. Solve for h. Then find h when V = 160, l = 5 and w = 8.

Literal Equations (Solving for a Variable) · 11

Solve for y: 4x + y = 9

Literal Equations (Solving for a Variable) · 12

The area of a rectangle is A = lw. Solve for w. Then find w when A = 132 and l = 12.

Literal Equations (Solving for a Variable) · 13

Solve for y: -4x + y = -1

Literal Equations (Solving for a Variable) · 14

The perimeter of a rectangle is P = 2l + 2w. Solve for l. Then find l when P = 48 and w = 13.

Literal Equations (Solving for a Variable) · 15

Solve for y: -2x + y = -5

Literal Equations (Solving for a Variable) · 16

The volume of a box is V = lwh. Solve for h. Then find h when V = 216, l = 6 and w = 3.

Literal Equations (Solving for a Variable) · 10

ANSWER

4

Literal Equations (Solving for a Variable) · 9

ANSWER

y = -5x - 3

Literal Equations (Solving for a Variable) · 12

ANSWER

11

Literal Equations (Solving for a Variable) · 11

ANSWER

y = -4x + 9

Literal Equations (Solving for a Variable) · 14

ANSWER

11

Literal Equations (Solving for a Variable) · 13

ANSWER

y = 4x - 1

Literal Equations (Solving for a Variable) · 16

ANSWER

12

Literal Equations (Solving for a Variable) · 15

ANSWER

y = 2x - 5

Literal Equations (Solving for a Variable) · 17

Solve for y: -20x + 4y = -8

Literal Equations (Solving for a Variable) · 18

The perimeter of a rectangle is P = 2l + 2w. Solve for l. Then find l when P = 54 and w = 12.

Literal Equations (Solving for a Variable) · 19

Solve for y: -15x + 5y = -15

Literal Equations (Solving for a Variable) · 20

Distance is d = rt. Solve for t. Then find t when d = 120 and r = 20.

Literal Equations (Solving for a Variable) · 21

Solve for y: -4x + 4y = 28

Literal Equations (Solving for a Variable) · 22

The area of a rectangle is A = lw. Solve for w. Then find w when A = 52 and l = 13.

Literal Equations (Solving for a Variable) · 23

Solve for y: 16x + 4y = -32

Literal Equations (Solving for a Variable) · 24

The volume of a box is V = lwh. Solve for h. Then find h when V = 120, l = 4 and w = 6.

Literal Equations (Solving for a Variable) · 18

ANSWER

15

Literal Equations (Solving for a Variable) · 17

ANSWER

y = 5x - 2

Literal Equations (Solving for a Variable) · 20

ANSWER

6

Literal Equations (Solving for a Variable) · 19

ANSWER

y = 3x - 3

Literal Equations (Solving for a Variable) · 22

ANSWER

4

Literal Equations (Solving for a Variable) · 21

ANSWER

y = x + 7

Literal Equations (Solving for a Variable) · 24

ANSWER

5

Literal Equations (Solving for a Variable) · 23

ANSWER

y = -4x - 8