Literal Equations (Solving for a Variable) · 1

Solve for y: -28x - 4y = -40

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: 2x + 2y = -18

Literal Equations (Solving for a Variable) · 4

The perimeter of a rectangle is P = 2l + 2w. Solve for l. Then find l when P = 48 and w = 8.

Literal Equations (Solving for a Variable) · 5

Solve for y: -40x + 5y = -30

Literal Equations (Solving for a Variable) · 6

The temperature formula is $F = (\frac{9}{5})C + 32$. Solve for C. Then find C when F = 122.

Literal Equations (Solving for a Variable) · 7

Solve for y: 18x - 6y = -18

Literal Equations (Solving for a Variable) · 8

Distance is d = rt. Solve for t. Then find t when d = 30 and r = 15.

Literal Equations (Solving for a Variable) · 2

ANSWER

2

Literal Equations (Solving for a Variable) · 1

ANSWER

y = -7x + 10

Literal Equations (Solving for a Variable) · 4

ANSWER

16

Literal Equations (Solving for a Variable) · 3

ANSWER

y = -x - 9

Literal Equations (Solving for a Variable) · 6

ANSWER

50

Literal Equations (Solving for a Variable) · 5

ANSWER

y = 8x - 6

Literal Equations (Solving for a Variable) · 8

ANSWER

2

Literal Equations (Solving for a Variable) · 7

ANSWER

y = 3x + 3

Literal Equations (Solving for a Variable) · 9

Solve for y: -36x + 6y = -30

Literal Equations (Solving for a Variable) · 10

The area of a triangle is $A = \frac{bh}{2}$. Solve for h. Then find h when A = 36 and b = 6.

Literal Equations (Solving for a Variable) · 11

Solve for y: 6x - 6y = 30

Literal Equations (Solving for a Variable) · 12

The temperature formula is $F = (\frac{9}{5})C + 32$. Solve for C. Then find C when F = 23.

Literal Equations (Solving for a Variable) · 13

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

Literal Equations (Solving for a Variable) · 14

The temperature formula is $F = (\frac{9}{5})C + 32$. Solve for C. Then find C when F = 131.

Literal Equations (Solving for a Variable) · 15

Solve for y: -12x + 2y = 4

Literal Equations (Solving for a Variable) · 16

The temperature formula is $F = (\frac{9}{5})C + 32$. Solve for C. Then find C when F = 203.

Literal Equations (Solving for a Variable) · 10

ANSWER

12

Literal Equations (Solving for a Variable) · 9

ANSWER

y = 6x - 5

Literal Equations (Solving for a Variable) · 12

ANSWER

-5

Literal Equations (Solving for a Variable) · 11

ANSWER

y = x - 5

Literal Equations (Solving for a Variable) · 14

ANSWER

55

Literal Equations (Solving for a Variable) · 13

ANSWER

y = 8x - 8

Literal Equations (Solving for a Variable) · 16

ANSWER

95

Literal Equations (Solving for a Variable) · 15

ANSWER

y = 6x + 2

Literal Equations (Solving for a Variable) · 17

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

Literal Equations (Solving for a Variable) · 18

The temperature formula is $F = (\frac{9}{5})C + 32$. Solve for C. Then find C when F = 212.

Literal Equations (Solving for a Variable) · 19

Solve for y: $24x - 6y = -24$

Literal Equations (Solving for a Variable) · 20

The temperature formula is $F = (\frac{9}{5})C + 32$. Solve for C. Then find C when F = 86.

Literal Equations (Solving for a Variable) · 21

Solve for y: $12x + 3y = -6$

Literal Equations (Solving for a Variable) · 22

The temperature formula is $F = (\frac{9}{5})C + 32$. Solve for C. Then find C when F = 59.

Literal Equations (Solving for a Variable) · 23

Solve for y: $10x + 2y = 2$

Literal Equations (Solving for a Variable) · 24

Solve for y: $30x + 6y = 24$

Literal Equations (Solving for a Variable) · 18

ANSWER

100

Literal Equations (Solving for a Variable) · 17

ANSWER

y = 7x - 1

Literal Equations (Solving for a Variable) · 20

ANSWER

30

Literal Equations (Solving for a Variable) · 19

ANSWER

y = 4x + 4

Literal Equations (Solving for a Variable) · 22

ANSWER

15

Literal Equations (Solving for a Variable) · 21

ANSWER

y = -4x - 2

Literal Equations (Solving for a Variable) · 24

ANSWER

y = -5x + 4

Literal Equations (Solving for a Variable) · 23

ANSWER

y = -5x + 1