Task card 1 Literal Equations (Solving for a V...

Solve for y: 4x + y = -8

Task card 2 Literal Equations (Solving for a V...

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

Task card 3 Literal Equations (Solving for a V...

Solve for y: 4x + y = 10

Task card 4 Literal Equations (Solving for a V...

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

Task card 5 Literal Equations (Solving for a V...

Solve for y: 2x + y = -8

Task card 6 Literal Equations (Solving for a V...

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

Task card 7 Literal Equations (Solving for a V...

Solve for y: x + y = 1

Task card 8 Literal Equations (Solving for a V...

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

Task card 9 Literal Equations (Solving for a V...

Solve for y: 5x + y = -3

Task card 10 Literal Equations (Solving for a V...

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

Task card 11 Literal Equations (Solving for a V...

Solve for y: 4x + y = 9

Task card 12 Literal Equations (Solving for a V...

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

Task card 13 Literal Equations (Solving for a V...

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

Task card 14 Literal Equations (Solving for a V...

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

Task card 15 Literal Equations (Solving for a V...

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

Task card 16 Literal Equations (Solving for a V...

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

Task card 17 Literal Equations (Solving for a V...

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

Task card 18 Literal Equations (Solving for a V...

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

Task card 19 Literal Equations (Solving for a V...

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

Task card 20 Literal Equations (Solving for a V...

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

Task card 21 Literal Equations (Solving for a V...

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

Task card 22 Literal Equations (Solving for a V...

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

Task card 23 Literal Equations (Solving for a V...

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

Task card 24 Literal Equations (Solving for a V...

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) Task Cards

Recording sheet · Grade 9 · Solve for the indicated variable. Write two-variable answers in the form y = mx + b.

Scan to check your answers

Name: _____ Date: _____

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

Literal Equations (Solving for a Variable) Task Cards: Answer Key

Grade 9 · Easy

The answers online

1. y = -4x - 8	**2.** 2	**3.** y = -4x + 10
4. 5	**5.** y = -2x - 8	**6.** 19
7. y = -x + 1	**8.** 16	**9.** y = -5x - 3
10. 4	**11.** y = -4x + 9	**12.** 11
13. y = 4x - 1	**14.** 11	**15.** y = 2x - 5
16. 12	**17.** y = 5x - 2	**18.** 15
19. y = 3x - 3	**20.** 6	**21.** y = x + 7
22. 4	**23.** y = -4x - 8	**24.** 5