Task card 1 Solving Quadratic Equations Using...

$$x^2 = 25$$

Task card 2 Solving Quadratic Equations Using...

$$3x^2 - 18 = -15$$

Task card 3 Solving Quadratic Equations Using...

$$x^2 = 9$$

Task card 4 Solving Quadratic Equations Using...

$$(x - 9)^2 = 1$$

Task card 5 Solving Quadratic Equations Using...

$$x^2 = 1$$

Task card 6 Solving Quadratic Equations Using...

$$3x^2 + 20 = 47$$

Task card 7 Solving Quadratic Equations Using...

$x^2 = 16$

Task card 8 Solving Quadratic Equations Using...

$(x - 6)^2 = 1$

Task card 9 Solving Quadratic Equations Using...

$x^2 = 36$

Task card 10 Solving Quadratic Equations Using...

$3x^2 - 20 = 88$

Task card 11 Solving Quadratic Equations Using...

$x^2 = 49$

Task card 12 Solving Quadratic Equations Using...

$(x + 3)^2 = 1$

Task card 13 Solving Quadratic Equations Using...

$$2x^2 + 3 = 75$$

Task card 14 Solving Quadratic Equations Using...

$$(x + 7)^2 = 1$$

Task card 15 Solving Quadratic Equations Using...

$$5x^2 + 16 = 36$$

Task card 16 Solving Quadratic Equations Using...

$$(x - 1)^2 = 64$$

Task card 17 Solving Quadratic Equations Using...

$$4(x + 6)^2 + 4 = 8$$

Task card 18 Solving Quadratic Equations Using...

$$5x^2 - 2 = 18$$

Task card 19 Solving Quadratic Equations Using...

$$(x - 7)^2 = 25$$

Task card 20 Solving Quadratic Equations Using...

$$4(x + 7)^2 + 9 = 45$$

Task card 21 Solving Quadratic Equations Using...

$$5x^2 - 16 = 4$$

Task card 22 Solving Quadratic Equations Using...

$$(x + 5)^2 = 4$$

Task card 23 Solving Quadratic Equations Using...

$$x^2 = 4$$

Task card 24 Solving Quadratic Equations Using...

$$4x^2 + 14 = 50$$

Solving Quadratic Equations Using Square Roots Task Cards

Recording sheet · Grade 9 · Solve each equation. Write two solutions like x = -4 or x = 4. Round to the nearest tenth when the answer is not a whole number.

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

Solving Quadratic Equations Using Square Roots Task Cards: Answer Key

Grade 9 · Easy

The answers online

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