Task card 1 Solving Quadratic Equations Using...

$3x^2 - 16 = 59$

Task card 2 Solving Quadratic Equations Using...

$(x + 6)^2 = 1$

Task card 3 Solving Quadratic Equations Using...

$x^2 = 25$

Task card 4 Solving Quadratic Equations Using...

$3(x - 2)^2 + 12 = 204$

Task card 5 Solving Quadratic Equations Using...

$2x^2 + 11 = 139$

Task card 6 Solving Quadratic Equations Using...

$(x + 8)^2 = 81$

Task card 7 Solving Quadratic Equations Using...

$$x^2 = 81$$

Task card 8 Solving Quadratic Equations Using...

$$4(x - 5)^2 + 10 = 206$$

Task card 9 Solving Quadratic Equations Using...

$$3x^2 - 18 = 282$$

Task card 10 Solving Quadratic Equations Using...

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

Task card 11 Solving Quadratic Equations Using...

$$3(x - 3)^2 + 2 = 50$$

Task card 12 Solving Quadratic Equations Using...

$$x^2 = 82$$

Task card 13 Solving Quadratic Equations Using...

$5x^2 + 18 = 338$

Task card 14 Solving Quadratic Equations Using...

$(x + 5)^2 = 25$

Task card 15 Solving Quadratic Equations Using...

$3(x - 8)^2 + 1 = 109$

Task card 16 Solving Quadratic Equations Using...

$x^2 = 23$

Task card 17 Solving Quadratic Equations Using...

$2x^2 + 6 = 78$

Task card 18 Solving Quadratic Equations Using...

$(x - 8)^2 = 81$

Task card 19 Solving Quadratic Equations Using...

$$4(x - 9)^2 + 6 = 406$$

Task card 20 Solving Quadratic Equations Using...

$$x^2 = 50$$

Task card 21 Solving Quadratic Equations Using...

$$2x^2 - 9 = 23$$

Task card 22 Solving Quadratic Equations Using...

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

Task card 23 Solving Quadratic Equations Using...

$$3(x - 7)^2 + 1 = 193$$

Task card 24 Solving Quadratic Equations Using...

$$x^2 = 33$$

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 · Medium

The answers online

1. x = -5 or x = 5	**2.** x = -7 or x = -5	**3.** x = -5 or x = 5
4. x = -6 or x = 10	**5.** x = -8 or x = 8	**6.** x = -17 or x = 1
7. x = -9 or x = 9	**8.** x = -2 or x = 12	**9.** x = -10 or x = 10
10. x = 2 or x = 12	**11.** x = -1 or x = 7	**12.** x = -9.1 or x = 9.1
13. x = -8 or x = 8	**14.** x = -10 or x = 0	**15.** x = 2 or x = 14
16. x = -4.8 or x = 4.8	**17.** x = -6 or x = 6	**18.** x = -1 or x = 17
19. x = -1 or x = 19	**20.** x = -7.1 or x = 7.1	**21.** x = -4 or x = 4
22. x = -2 or x = 0	**23.** x = -1 or x = 15	**24.** x = -5.7 or x = 5.7