Task card 1 Solving Quadratic Equations Using...

$$3(x + 5)^2 - 15 = 285$$

Task card 2 Solving Quadratic Equations Using...

$$x^2 = 61$$

Task card 3 Solving Quadratic Equations Using...

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

Task card 4 Solving Quadratic Equations Using...

$$(x + 1)^2 = 96$$

Task card 5 Solving Quadratic Equations Using...

$$2(x + 3)^2 - 14 = 36$$

Task card 6 Solving Quadratic Equations Using...

$$x^2 = 99$$

Task card 7 Solving Quadratic Equations Using...

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

Task card 8 Solving Quadratic Equations Using...

$$(x + 6)^2 = 13$$

Task card 9 Solving Quadratic Equations Using...

$$3(x - 2)^2 + 12 = 60$$

Task card 10 Solving Quadratic Equations Using...

$$x^2 = 73$$

Task card 11 Solving Quadratic Equations Using...

$$(x + 3)^2 = 16$$

Task card 12 Solving Quadratic Equations Using...

$$(x - 4)^2 = 87$$

Task card 13 Solving Quadratic Equations Using...

$$2(x + 7)^2 - 11 = -3$$

Task card 14 Solving Quadratic Equations Using...

$$x^2 = 6$$

Task card 15 Solving Quadratic Equations Using...

$$(x + 3)^2 = 64$$

Task card 16 Solving Quadratic Equations Using...

$$(x + 8)^2 = 38$$

Task card 17 Solving Quadratic Equations Using...

$$3(x - 1)^2 + 2 = 77$$

Task card 18 Solving Quadratic Equations Using...

$$x^2 = 50$$

Task card 19 Solving Quadratic Equations Using...

$$(x - 7)^2 = 16$$

Task card 20 Solving Quadratic Equations Using...

$$(x - 9)^2 = 32$$

Task card 21 Solving Quadratic Equations Using...

$$4(x - 1)^2 + 7 = 11$$

Task card 22 Solving Quadratic Equations Using...

$$x^2 = 23$$

Task card 23 Solving Quadratic Equations Using...

$$(x + 7)^2 = 144$$

Task card 24 Solving Quadratic Equations Using...

$$(x - 3)^2 = 26$$

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 · Hard

The answers online

1. x = -15 or x = 5	**2.** x = -7.8 or x = 7.8	**3.** x = -6 or x = -2
4. x = -10.8 or x = 8.8	**5.** x = -8 or x = 2	**6.** x = -9.9 or x = 9.9
7. x = -8 or x = -4	**8.** x = -9.6 or x = -2.4	**9.** x = -2 or x = 6
10. x = -8.5 or x = 8.5	**11.** x = -7 or x = 1	**12.** x = -5.3 or x = 13.3
13. x = -9 or x = -5	**14.** x = -2.4 or x = 2.4	**15.** x = -11 or x = 5
16. x = -14.2 or x = -1.8	**17.** x = -4 or x = 6	**18.** x = -7.1 or x = 7.1
19. x = 3 or x = 11	**20.** x = 3.3 or x = 14.7	**21.** x = 0 or x = 2
22. x = -4.8 or x = 4.8	**23.** x = -19 or x = 5	**24.** x = -2.1 or x = 8.1