Task card 1 Solving Quadratic Equations

Solve: $x^2 + 12x + 36 = 0$

Task card 2 Solving Quadratic Equations

Solve: $x^2 + 2x - 8 = 0$

Task card 3 Solving Quadratic Equations

Solve: $x^2 + 9x + 8 = 0$

Task card 4 Solving Quadratic Equations

Solve: $x^2 - x = 0$

Task card 5 Solving Quadratic Equations

Solve: $x^2 - 11x + 24 = 0$

Task card 6 Solving Quadratic Equations

Solve: $x^2 - 12x + 36 = 0$

Task card 7 Solving Quadratic Equations

Solve: $x^2 + 2x = 0$

Task card 8 Solving Quadratic Equations

Solve: $x^2 + 7x + 12 = 0$

Task card 9 Solving Quadratic Equations

Solve: $x^2 - 16x + 63 = 0$

Task card 10 Solving Quadratic Equations

Solve: $x^2 - 4x - 45 = 0$

Task card 11 Solving Quadratic Equations

Solve: $x^2 - 10x + 24 = 0$

Task card 12 Solving Quadratic Equations

Solve: $x^2 - 16 = 0$

Task card 13 Solving Quadratic Equations

Solve: $x^2 + 13x + 42 = 0$

Task card 14 Solving Quadratic Equations

Solve: $x^2 + 6x + 5 = 0$

Task card 15 Solving Quadratic Equations

Solve: $x^2 - 8x = 0$

Task card 16 Solving Quadratic Equations

Solve: $x^2 - 15x + 56 = 0$

Task card 17 Solving Quadratic Equations

Solve: $x^2 + x - 30 = 0$

Task card 18 Solving Quadratic Equations

Solve: $x^2 - 2x - 8 = 0$

Task card 19 Solving Quadratic Equations

Solve: $x^2 + 7x + 6 = 0$

Task card 20 Solving Quadratic Equations

Solve: $x^2 + 18x + 81 = 0$

Task card 21 Solving Quadratic Equations

Solve: $x^2 + 10x + 16 = 0$

Task card 22 Solving Quadratic Equations

Solve: $x^2 + 3x - 28 = 0$

Task card 23 Solving Quadratic Equations

Solve: $x^2 + x - 2 = 0$

Task card 24 Solving Quadratic Equations

Solve: $x^2 - 12x + 35 = 0$

Solving Quadratic Equations Task Cards

Recording sheet · Grade 11 · Solve for x (there are two solutions).

Name: _____ Date: _____

Scan to check your answers

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 Task Cards: Answer Key

Grade 11 · Hard

The answers online

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