Task card 1 Solving Quadratic Equations by Fac...

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

Task card 2 Solving Quadratic Equations by Fac...

$$x^2 - 7x + 10 = 4$$

Task card 3 Solving Quadratic Equations by Fac...

$$2x^2 + 16x = 0$$

Task card 4 Solving Quadratic Equations by Fac...

$$5x^2 + 11x + 6 = 0$$

Task card 5 Solving Quadratic Equations by Fac...

$$x^2 + 4x - 21 = 0$$

Task card 6 Solving Quadratic Equations by Fac...

$$x^2 - 9x + 17 = -3$$

Task card 7 Solving Quadratic Equations by Fac...

$$4x^2 + 24x = 0$$

Task card 8 Solving Quadratic Equations by Fac...

$$5x^2 - 24x - 5 = 0$$

Task card 9 Solving Quadratic Equations by Fac...

$$x^2 + 3x - 54 = 0$$

Task card 10 Solving Quadratic Equations by Fac...

$$x^2 + 11x + 25 = 7$$

Task card 11 Solving Quadratic Equations by Fac...

$$4x^2 - 32x = 0$$

Task card 12 Solving Quadratic Equations by Fac...

$$5x^2 - 36x - 81 = 0$$

Task card 13 Solving Quadratic Equations by Fac...

$$x^2 - 6x - 7 = 0$$

Task card 14 Solving Quadratic Equations by Fac...

$$x^2 - 78 = 3$$

Task card 15 Solving Quadratic Equations by Fac...

$$x^2 + 8x = 0$$

Task card 16 Solving Quadratic Equations by Fac...

$$2x^2 + 21x + 49 = 0$$

Task card 17 Solving Quadratic Equations by Fac...

$$x^2 - 106 = -6$$

Task card 18 Solving Quadratic Equations by Fac...

$$4x^2 - 3x - 10 = 0$$

Task card 19 Solving Quadratic Equations by Fac...

$$2x^2 - 13x - 24 = 0$$

Task card 20 Solving Quadratic Equations by Fac...

$$x^2 - 14x + 49 = 0$$

Task card 21 Solving Quadratic Equations by Fac...

$$x^2 + x - 48 = -6$$

Task card 22 Solving Quadratic Equations by Fac...

$$5x^2 - 4x - 9 = 0$$

Task card 23 Solving Quadratic Equations by Fac...

$$4x^2 - 33x + 35 = 0$$

Task card 24 Solving Quadratic Equations by Fac...

$$x^2 - 7x + 6 = 0$$

Solving Quadratic Equations by Factoring Task Cards

Recording sheet · Grade 9 · Solve each equation. Write two solutions like x = -3 or x = 5.

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 by Factoring Task Cards: Answer Key

Grade 9 · Medium

The answers online

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