Task card 1 Solving Quadratic Equations by Fac...

$$x^2 - 8x - 13 = 7$$

Task card 2 Solving Quadratic Equations by Fac...

$$2x^2 + 27x + 81 = 0$$

Task card 3 Solving Quadratic Equations by Fac...

$$3x^2 - 28x + 32 = 0$$

Task card 4 Solving Quadratic Equations by Fac...

$$x^2 + 2x - 15 = 0$$

Task card 5 Solving Quadratic Equations by Fac...

$$x^2 - 13x + 38 = -4$$

Task card 6 Solving Quadratic Equations by Fac...

$$3x^2 - 16x - 64 = 0$$

Task card 7 Solving Quadratic Equations by Fac...

$$5x^2 - 28x - 49 = 0$$

Task card 8 Solving Quadratic Equations by Fac...

$$x^2 + 10x - 11 = 0$$

Task card 9 Solving Quadratic Equations by Fac...

$$x^2 - 15x + 31 = -5$$

Task card 10 Solving Quadratic Equations by Fac...

$$4x^2 - 41x + 72 = 0$$

Task card 11 Solving Quadratic Equations by Fac...

$$4x^2 + 45x + 11 = 0$$

Task card 12 Solving Quadratic Equations by Fac...

$$x^2 - x - 12 = 0$$

Task card 13 Solving Quadratic Equations by Fac...

$$x^2 - 19x + 96 = 6$$

Task card 14 Solving Quadratic Equations by Fac...

$$3x^2 - 26x + 48 = 0$$

Task card 15 Solving Quadratic Equations by Fac...

$$3x^2 - 19x + 20 = 0$$

Task card 16 Solving Quadratic Equations by Fac...

$$x^2 + 3x - 18 = 0$$

Task card 17 Solving Quadratic Equations by Fac...

$$x^2 + 6x - 31 = 9$$

Task card 18 Solving Quadratic Equations by Fac...

$$2x^2 + 15x + 25 = 0$$

Task card 19 Solving Quadratic Equations by Fac...

$$4x^2 + 7x - 2 = 0$$

Task card 20 Solving Quadratic Equations by Fac...

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

Task card 21 Solving Quadratic Equations by Fac...

$$x^2 + 18x + 85 = 5$$

Task card 22 Solving Quadratic Equations by Fac...

$$5x^2 - 31x - 72 = 0$$

Task card 23 Solving Quadratic Equations by Fac...

$$5x^2 + 23x - 42 = 0$$

Task card 24 Solving Quadratic Equations by Fac...

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

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 · Hard

The answers online

1. x = -2 or x = 10

2. x = -9 or x = $-\frac{9}{2}$

3. x = $\frac{4}{3}$ or x = 8

4. x = -5 or x = 3

5. x = 6 or x = 7

6. x = $-\frac{8}{3}$ or x = 8

7. x = $-\frac{7}{5}$ or x = 7

8. x = -11 or x = 1

9. x = 3 or x = 12

10. x = $\frac{9}{4}$ or x = 8

11. x = -11 or x = $-\frac{1}{4}$

12. x = -3 or x = 4

13. x = 9 or x = 10

14. x = $\frac{8}{3}$ or x = 6

15. x = $\frac{4}{3}$ or x = 5

16. x = -6 or x = 3

17. x = -10 or x = 4

18. x = -5 or x = $-\frac{5}{2}$

19. x = -2 or x = $\frac{1}{4}$

20. x = -3 or x = 1

21. x = -10 or x = -8

22. x = $-\frac{9}{5}$ or x = 8

23. x = -6 or x = $\frac{7}{5}$

24. x = -4 or x = 9