Task card 1 Quadratic Equations with Complex S...

Solve: $x^2 + 16 = 0$

Task card 2 Quadratic Equations with Complex S...

Solve: $x^2 + 9 = 0$

Task card 3 Quadratic Equations with Complex S...

Solve: $(x - 1)^2 = -16$

Task card 4 Quadratic Equations with Complex S...

Solve: $x^2 + 1 = 0$

Task card 5 Quadratic Equations with Complex S...

Solve: $x^2 + 4 = 0$

Task card 6 Quadratic Equations with Complex S...

Solve: $(x + 3)^2 = -25$

Task card 7 Quadratic Equations with Complex S...

Solve: $x^2 + 25 = 0$

Task card 8 Quadratic Equations with Complex S...

Solve: $x^2 + 36 = 0$

Task card 9 Quadratic Equations with Complex S...

Solve: $(x + 3)^2 = -49$

Task card 10 Quadratic Equations with Complex S...

Solve: $4x^2 + 196 = 0$

Task card 11 Quadratic Equations with Complex S...

Solve: $(x - 3)^2 = -16$

Task card 12 Quadratic Equations with Complex S...

Solve: $2x^2 + 50 = 0$

Task card 13 Quadratic Equations with Complex S...

Solve: $(x - 2)^2 = -49$

Task card 14 Quadratic Equations with Complex S...

Solve: $3x^2 + 48 = 0$

Task card 15 Quadratic Equations with Complex S...

Solve: $(x - 2)^2 = -9$

Task card 16 Quadratic Equations with Complex S...

Solve: $x^2 - 12x + 40 = 0$

Task card 17 Quadratic Equations with Complex S...

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

Task card 18 Quadratic Equations with Complex S...

Solve: $(x + 5)^2 = -16$

Task card 19 Quadratic Equations with Complex S...

Solve: $x^2 + 4x + 53 = 0$

Task card 20 Quadratic Equations with Complex S...

Solve: $4x^2 + 4 = 0$

Task card 21 Quadratic Equations with Complex S...

Solve: $(x + 1)^2 = -9$

Task card 22 Quadratic Equations with Complex S...

Solve: $(x + 4)^2 = -9$

Task card 23 Quadratic Equations with Complex S...

Solve: $4x^2 + 16 = 0$

Task card 24 Quadratic Equations with Complex S...

Solve: $(x - 4)^2 = -1$

Quadratic Equations with Complex Solutions Task Cards

Recording sheet · Grade 11 · Solve. Write both solutions, like x = 2 + 3i or x = 2 - 3i.

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

Quadratic Equations with Complex Solutions Task Cards: Answer Key

Grade 11 · Easy

The answers online

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