Quadratic Equations with Complex Solutions · 1

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

Quadratic Equations with Complex Solutions · 2

Solve: $(x + 1)^2 = -49$

Quadratic Equations with Complex Solutions · 3

Solve: $x^2 - 8x + 52 = 0$

Quadratic Equations with Complex Solutions · 4

Solve: $x^2 + 9 = 0$

Quadratic Equations with Complex Solutions · 5

Solve: $(x - 6)^2 = -25$

Quadratic Equations with Complex Solutions · 6

Solve: $x^2 + 10x + 89 = 0$

Quadratic Equations with Complex Solutions · 7

Solve: $x^2 + 4 = 0$

Quadratic Equations with Complex Solutions · 8

Solve: $(x - 3)^2 = -36$

Quadratic Equations with Complex Solutions · 2

**ANSWER**

$x = -1 + 7i$ or $x = -1 - 7i$

Quadratic Equations with Complex Solutions · 1

**ANSWER**

$x = 2i$ or $x = -2i$

Quadratic Equations with Complex Solutions · 4

**ANSWER**

$x = 3i$ or $x = -3i$

Quadratic Equations with Complex Solutions · 3

**ANSWER**

$x = 4 + 6i$ or $x = 4 - 6i$

Quadratic Equations with Complex Solutions · 6

**ANSWER**

$x = -5 + 8i$ or $x = -5 - 8i$

Quadratic Equations with Complex Solutions · 5

**ANSWER**

$x = 6 + 5i$ or $x = 6 - 5i$

Quadratic Equations with Complex Solutions · 8

**ANSWER**

$x = 3 + 6i$ or $x = 3 - 6i$

Quadratic Equations with Complex Solutions · 7

**ANSWER**

$x = 2i$ or $x = -2i$

Solve: $(x + 5)^2 = -36$



Solve: $x^2 - 10x + 34 = 0$



Solve: $3x^2 + 12x + 60 = 0$



Solve: $x^2 + 6x + 25 = 0$



Solve: $(x - 5)^2 = -9$



Solve: $x^2 - 12x + 61 = 0$



Solve: $3x^2 - 24x + 123 = 0$



Solve: $x^2 + 4x + 8 = 0$

Quadratic Equations with Complex Solutions · 10

**ANSWER**

$x = 5 + 3i$ or $x = 5 - 3i$

Quadratic Equations with Complex Solutions · 9

**ANSWER**

$x = -5 + 6i$ or $x = -5 - 6i$

Quadratic Equations with Complex Solutions · 12

**ANSWER**

$x = -3 + 4i$ or $x = -3 - 4i$

Quadratic Equations with Complex Solutions · 11

**ANSWER**

$x = -2 + 4i$ or $x = -2 - 4i$

Quadratic Equations with Complex Solutions · 14

**ANSWER**

$x = 6 + 5i$ or $x = 6 - 5i$

Quadratic Equations with Complex Solutions · 13

**ANSWER**

$x = 5 + 3i$ or $x = 5 - 3i$

Quadratic Equations with Complex Solutions · 16

**ANSWER**

$x = -2 + 2i$ or $x = -2 - 2i$

Quadratic Equations with Complex Solutions · 15

**ANSWER**

$x = 4 + 5i$ or $x = 4 - 5i$

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



Solve: $x^2 + 12x + 37 = 0$



Solve: $2x^2 + 12x + 180 = 0$



Solve: $x^2 + 8x + 32 = 0$



Solve: $(x - 3)^2 = -4$



Solve: $x^2 - 6x + 13 = 0$



Solve: $2x^2 + 16x + 34 = 0$



Solve: $x^2 - 10x + 50 = 0$

Quadratic Equations with Complex Solutions · 18

**ANSWER**

$x = -6 + i$ or $x = -6 - i$

Quadratic Equations with Complex Solutions · 17

**ANSWER**

$x = -2 + 3i$ or $x = -2 - 3i$

Quadratic Equations with Complex Solutions · 20

**ANSWER**

$x = -4 + 4i$ or $x = -4 - 4i$

Quadratic Equations with Complex Solutions · 19

**ANSWER**

$x = -3 + 9i$ or $x = -3 - 9i$

Quadratic Equations with Complex Solutions · 22

**ANSWER**

$x = 3 + 2i$ or $x = 3 - 2i$

Quadratic Equations with Complex Solutions · 21

**ANSWER**

$x = 3 + 2i$ or $x = 3 - 2i$

Quadratic Equations with Complex Solutions · 24

**ANSWER**

$x = 5 + 5i$ or $x = 5 - 5i$

Quadratic Equations with Complex Solutions · 23

**ANSWER**

$x = -4 + i$ or $x = -4 - i$