The Quadratic Formula · 1

Find the discriminant of $2x^2 - 3x + 2 = 0$.

The Quadratic Formula · 2

How many real solutions does $9x^2 + 36x + 36 = 0$ have?

The Quadratic Formula · 3

Solve using the quadratic formula: $x^2 - 8x + 15 = 0$

The Quadratic Formula · 4

Solve using the quadratic formula: $x^2 - 2x - 48 = 0$

The Quadratic Formula · 5

Find the discriminant of $3x^2 - x - 8 = 0$.

The Quadratic Formula · 6

How many real solutions does $2x^2 - 2x + 8 = 0$ have?

The Quadratic Formula · 7

Solve using the quadratic formula: $x^2 - x - 42 = 0$

The Quadratic Formula · 8

Solve using the quadratic formula: $x^2 - 6x - 27 = 0$

The Quadratic Formula · 2

ANSWER

1

The Quadratic Formula · 1

ANSWER

-7

The Quadratic Formula · 4

ANSWER

x = -6 or x = 8

The Quadratic Formula · 3

ANSWER

x = 3 or x = 5

The Quadratic Formula · 6

ANSWER

0

The Quadratic Formula · 5

ANSWER

97

The Quadratic Formula · 8

ANSWER

x = -3 or x = 9

The Quadratic Formula · 7

ANSWER

x = -6 or x = 7

The Quadratic Formula · 9

Find the discriminant of $x^2 + 9x + 9 = 0$.

The Quadratic Formula · 10

How many real solutions does $3x^2 + 2x - 11 = 0$ have?

The Quadratic Formula · 11

Solve using the quadratic formula: $x^2 + 15x + 56 = 0$

The Quadratic Formula · 12

Solve using the quadratic formula: $x^2 - 6x + 8 = 0$

The Quadratic Formula · 13

Find the discriminant of $3x^2 - x + 5 = 0$.

The Quadratic Formula · 14

Solve using the quadratic formula: $x^2 - x - 6 = 0$

The Quadratic Formula · 15

Solve using the quadratic formula: $x^2 - 11x + 28 = 0$

The Quadratic Formula · 16

Find the discriminant of $x^2 + x + 2 = 0$.

The Quadratic Formula · 10

ANSWER

2

The Quadratic Formula · 9

ANSWER

45

The Quadratic Formula · 12

ANSWER

x = 2 or x = 4

The Quadratic Formula · 11

ANSWER

x = -8 or x = -7

The Quadratic Formula · 14

ANSWER

x = -2 or x = 3

The Quadratic Formula · 13

ANSWER

-59

The Quadratic Formula · 16

ANSWER

-7

The Quadratic Formula · 15

ANSWER

x = 4 or x = 7

The Quadratic Formula · 17

How many real solutions does $x^2 + 8x + 16 = 0$ have?

The Quadratic Formula · 18

Solve using the quadratic formula: $x^2 - x - 2 = 0$

The Quadratic Formula · 19

Solve using the quadratic formula: $3x^2 + 4x - 1 = 0$

The Quadratic Formula · 20

Find the discriminant of $x^2 - 10x + 2 = 0$.

The Quadratic Formula · 21

How many real solutions does $x^2 + x - 1 = 0$ have?

The Quadratic Formula · 22

Solve using the quadratic formula: $3x^2 + 24x + 21 = 0$

The Quadratic Formula · 23

Solve using the quadratic formula: $x^2 - 6x - 12 = 0$

The Quadratic Formula · 24

Find the discriminant of $3x^2 + 6x + 2 = 0$.

The Quadratic Formula · 18

ANSWER

$x = -1$ or $x = 2$

The Quadratic Formula · 17

ANSWER

1

The Quadratic Formula · 20

ANSWER

92

The Quadratic Formula · 19

ANSWER

$x = -1.55$ or $x = 0.22$

The Quadratic Formula · 22

ANSWER

$x = -7$ or $x = -1$

The Quadratic Formula · 21

ANSWER

2

The Quadratic Formula · 24

ANSWER

12

The Quadratic Formula · 23

ANSWER

$x = -1.58$ or $x = 7.58$