

The Quadratic Formula *fluency*



Solve. Give your answers to 2 decimal places.

1 $x^2 + 5x + 3 = 0$

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

3 $x^2 - 4x + 1 = 0$

4 $x^2 + 3x - 5 = 0$

5 $x^2 - 6x - 2 = 0$

6 $x^2 + x - 1 = 0$



Solve. Give your answers to 2 decimal places.

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

8 $3x^2 - 5x + 1 = 0$

9 $2x^2 + 3x - 6 = 0$

10 $5x^2 + 2x - 1 = 0$

11 $3x^2 + 8x - 2 = 0$

12 $4x^2 - 9x + 3 = 0$



Solve. Give your answers to 2 decimal places.

13 $-x^2 + 4x + 3 = 0$

14 $3x^2 - 10 = 0$

15 $-2x^2 + 3x + 4 = 0$

16 $1 - 4x - 2x^2 = 0$

17 $7 + 2x - x^2 = 0$

18 $2x^2 + 9x = 1$



Solve. Give your answers to 2 decimal places.

19 $x^2 = 3x + 5$

20 $2x^2 + 3 = 9x$

21 $x(x + 4) = 7$

22 $3x^2 = 2 - 4x$

23 $(x + 1)^2 = 6$

24 $x(2x - 3) = 4$



Solve. Give your answers to 2 decimal places.

25 $0.5x^2 + 3x - 1 = 0$

26 $x^2 - 2.5x + 1.2 = 0$

27 $(x - 2)(x + 3) = 5$

28 $2x(x - 1) = 5 - x$

29 $0.2x^2 - x - 2 = 0$

30 $(2x + 1)^2 = 3x + 5$