

Solve Quadratic Equations

by Algebra and Graphing

Solve using algebra. Check by graphing.

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

$$2) x^2 + 6x + 5 = 0$$

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

$$4) x^2 - x - 12 = 0$$

$$5) x^2 + 7x + 10 = 0$$

$$6) x^2 - 49 = 0$$

$$7) x^2 - 8x - 9 = 0$$

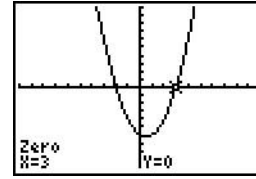
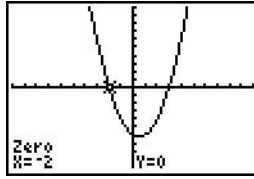
$$8) x^2 + 2x - 24 = 0$$

Solve Quadratic Equations

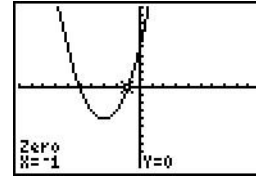
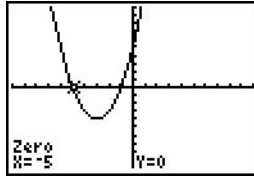
by Algebra and Graphing solutions

Solve using algebra. Check by graphing.

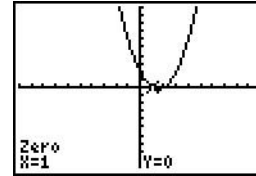
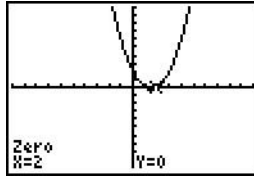
1) $(x + 2)(x - 3) = 0$
 $x + 2 = 0$ $x - 3 = 0$
 $x = -2$ $x = 3$



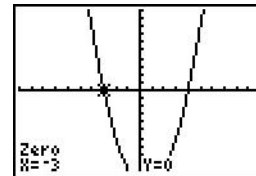
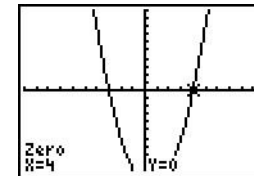
2) $(x + 5)(x + 1) = 0$
 $x + 5 = 0$ $x + 1 = 0$
 $x = -5$ $x = -1$



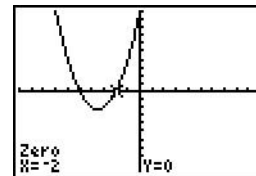
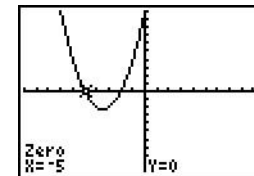
3) $(x - 2)(x - 1) = 0$
 $x - 2 = 0$ $x - 1 = 0$
 $x = 2$ $x = 1$



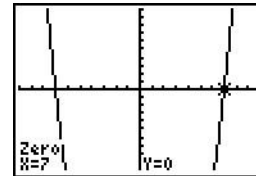
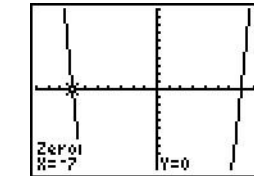
4) $(x - 4)(x + 3) = 0$
 $x - 4 = 0$ $x + 3 = 0$
 $x = 4$ $x = -3$



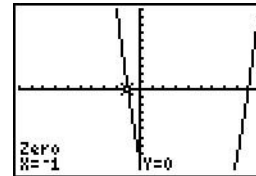
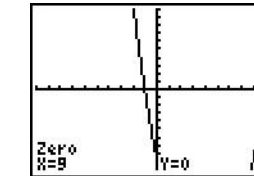
5) $(x + 5)(x + 2) = 0$
 $x + 5 = 0$ $x + 2 = 0$
 $x = -5$ $x = -2$



6) $(x + 7)(x - 7) = 0$
 $x + 7 = 0$ $x - 7 = 0$
 $x = -7$ $x = 7$



7) $(x - 9)(x + 1) = 0$
 $x - 9 = 0$ $x + 1 = 0$
 $x = 9$ $x = -1$



8) $(x + 6)(x - 4) = 0$
 $x + 6 = 0$ $x - 4 = 0$
 $x = -6$ $x = 4$

