



# Quadratic Formula Worksheet

1.  $4x^2 + 12x + 40 = 0$

2.  $-4x^2 + -36x + -32 = 0$

3.  $2x^2 + 4x + -126 = 0$

4.  $-5x^2 + -35x + 90 = 0$

5.  $-3x^2 + 20x + -51 = 0$

6.  $-3x^2 + 10x + -21 = 0$

7.  $4x^2 + -2x + 72 = 0$

8.  $-3x^2 + 12x + 96 = 0$

9.  $2x^2 + -4x + -30 = 0$

10.  $2x^2 + 34x + 144 = 0$



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## Answer Key

1. *No real roots*
2.  $x = -1, x = -8$
3.  $x = 7, x = -9$
4.  $x = -9, x = 2$
5. *No real roots*
6. *No real roots*
7. *No real roots*
8.  $x = -4, x = 8$
9.  $x = 5, x = -3$
10.  $x = -9, x = -8$