

WS 6.6.2

**Solve each equation with the quadratic formula. Leave answers in radical form.
NO DECIMALS!! Show your work!**

1) $12x^2 - 5x + 2 = 0$

2) $-b^2 - 5b - 9 = 0$

3) $8x^2 - 10x - 10 = 0$

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

5) $2a^2 - 11a = 9$

6) $4b^2 - b - 15 = -7$

7) $n^2 + 2n - 69 = -6$

8) $-4p^2 + 13 = 12$

$$9) -10r^2 + 20 = r$$

$$10) 0 = -6 - 8x - 10x^2$$

$$11) 0 = 3x - x^2 - 10$$

$$12) 0 = -11x + 5x^2 - 16$$

$$13) -7m^2 + 4 = -2m^2 - 4m$$

$$14) 5v = -2v^2 + 133$$

$$15) -8 - 3x = 9x^2$$

$$16) 11v = -7 + 10v^2$$