

HW #9 Solve using the Quadratic Formula**Solve each equation with the quadratic formula.**

1) $a^2 - 9a - 136 = 0$

2) $4n^2 + 3n - 22 = 0$

3) $6x^2 + 7x - 3 = 0$

4) $-5b^2 - 4b + 9 = 0$

5) $v^2 - 8v + 1 = -3$

6) $-3p^2 + 7p + 32 = 9$

7) $-n^2 + 15 = 10$

8) $10x^2 - 3 = 9$

$$9) -3x^2 = -12$$

$$10) 5v^2 = v + 18$$

$$11) -n^2 + 54 = -3n$$

$$12) n^2 + 10n = -24$$

$$13) v^2 - 14 = 3v - 5$$

$$14) -10p^2 - 13p = -3 - 9p^2 - 3p$$

$$15) -12n^2 - 13n - 6 = -8 - 5n - 4n^2$$

$$16) -2n^2 + 10 - 7n = -7n$$