Algebra 2 Name_____

Quad Form 2 WS

Solve each equation with the quadratic formula.

1) $-3n = -2n^2 + 5$

2) $-23 = -10n^2$

3) $3x^2 - 6x = 105$

4) $-2m^2 = -1$

5) $0 = -4n^2 + 144$

6) $3x^2 - 12 = 5x$

7) $24 = 6p^2$

8) $0 = -2k^2 + 136 + k$

9) $0 = 11b - 6 - 4b^2$

10) $0 = -12 + 5r^2$

11) $0 = -6 + 10x^2 + 10x$

12) $-7m = 4m^2 - 21$

13) $6v = -8 - v^2$

14) $4n^2 = 3n + 23$

15) $0 = 96 - 5x^2 - 4x$

16) $-5a^2 + 3 = -9a$