Name_____

WS 6.6.1

Date_____ Hour_____

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

1) $-x^2 + 6x + 21 = 0$

2) $4p^2 - 6p + 7 = 0$

3) $4n^2 - 6n - 2 = 5$

4) $7b^2 + 10b - 15 = -5$

5) $0 = -10p^2 - 4p - 4$

6) $12 = -7b - 7b^2$

7) $5x^2 - 8 = 5 + 11x$

8) $-15n^2 - 12n + 13 = -8n^2 - 1$

9) $-6n^2 + 14n - 8 = 11n$

10) $6n^2 - 4n + 8 = 5 - 4n^2 - 3n$