

HW Practice - Completing the Square

Date _____ Period _____

Solve each equation by completing the square.

1) $2m^2 + 8m - 60 = -7$
(see CLASS NOTES)

2) $9a^2 - 18a = 4$
(see CLASS NOTES)

3) $6p^2 + 12p - 41 = 7$

4) $9x^2 + 18x + 14 = 7$

5) $8x^2 + 16x + 16 = 10$

6) $2n^2 - 4n - 82 = 2$

7) $8r^2 - 16r + 8 = 2$

8) $10x^2 - 20x - 20 = 10$

9) $n^2 - 20n + 95 = -4$

10) $b^2 + 14b - 80 = -2$

11) $v^2 + 17v + 26 = 10$
(see CLASS NOTES)

12) $x^2 - 7x - 52 = -8$

Problems 1,2, and 11 are solved in class notes.
Use them as models for Completing The Square!!

Wednesday Homework = 3 to 6 (do checks!)
Thursday Homework = 7 to 10, 12 (do checks!)