Module 7 Lesson 1 Part 2 Assignment   Name:_____

Solve each equation by taking the square root of each side. Round to the nearest tenth if necessary.

1) $b^2 + 16b + 64 = 9$

2) $y^2 + 2y + 1 = 3$

Find the value of c that makes each trinomial a perfect square.

3) $s^2 - 18s + c$

4) $p^2 + 20p + c$

Solve each equation by completing the square. Round to the nearest tenth if necessary.

5) $v^2 - 8v + 15 = 0$

6) $b^2 + 12b + 21 = 10$

7) $r^2 - 2r = 15$

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

9) $s^2 - 30s + 56 = -25$

10) $r^2 - 8r + 10 = 0$

11) $2a^2 + 20a = -2$

12) $3u^2 + 15u - 3 = 0$