Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Solve each equation by completing the square. Then, double check your answer by using the Quadratic Formula. Circle each answer and SHOW ALL WORK!!!!!!!!!!!!!!!!!!

 Reminder: $x=\frac{-b\pm \sqrt{b^{2}-4ac}}{2a}$

1) x2 - 6x - 18 = 0

2) x2 + 2x – 15 = 0

3) 2x2 – 16x + 20 = 0

4) 3x2 + 24x + 21 = 0

5) -4x2 – 16x - 19 = -17

6) -2x2 + 12x + 16 = -22

7) 5x2 – 15x – 10 = 20

8) -3x2 – 12x – 10 = -37

9) $\frac{1}{2}$x2 – 3x – 22 = -6