Math II 6-6: Special Factoring HW

NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_PERIOD\_\_\_\_\_\_\_\_\_\_\_SCORE\_\_\_\_\_\_\_\_

Expand each.

1. (2c + 5)2 2. (10x – 3)2

**What constant must be added to the polynomial to make it a perfect square?**

3. x2 -16x 4. Y2 + 50Y

Factor each completely.

5. g2 – 20x + 100 6. 36j2 – 1

7. 16x2 – 16 8. W2 + 30W + 225

9. 4c2 – 20c + 25 10. 81x2 +18x + 1