**Day 27**

**Warm Up**

**Cramer’s Rule**

1. Find the determinant:

2. Find the inverse of A =, if it exists. (Remember the 3 steps: Switch, Change, Divide by Determinant)

3. If matrix A is multiplied by matrix B, what is the following entry?

=

4. Solve each equation for x:

6(x + 9) + x – 11 = 44 – 9x x² - 8 = 17

7x – 8y = 13