Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hour \_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**6-4 through 6-6 Review**

Directions: Graph the solution of each compound inequality.

1. m > -3 and m ≤ 4
2. 3 ≥ q or q ≤ 1

**Directions:** Solve each compound inequality. Then, graph the solution set. **Write the solution set in set builder notation.**

1. -3 ≤ p – 5 < 2
2. 2x + 4 ≤ 6 or x ≥ 2x -4

**Directions:** Solve each open sentence. Then graph the solution set. **Write the solution set in { }. For example, {2, -4}.**

1. │x│ = 7
2. │x + 2│ = 4

**Directions:** Solve each open sentence. Then graph the solution set. **Write the solution set in set builder notation.**

1. │x + 1│ < 4
2. │2d - 1│ ≤ 4

**Directions:** Graph each inequality.

1. y < 5



1. x ≥ 2



1. y ≤ -3x



1. 2x – 3y ≤ 6

