3.6 Homework Name \_\_\_\_\_\_\_\_\_\_\_­­­­­­­­\_\_\_\_\_\_

Given two ordered pairs, write an equation in y=mx+b format.

**Steps:**

1. Find slope
2. Plug slope in and solve for b
3. Write equation (y=mx + b)

1. (-4, 9), (-5, 8) 2. (12, -18), (-15, -18)

3. (3, -20), (5, 8) 4. (-4, 3), (-4, -7)

5. (0, -3), (2, 1) 6. (0, 1), (1, -3)

7. (6, -12), (15, -3) 8. (9, 3), (19, -17)