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

**Distance Between Numbers Homework**

**Find the distance between points using the number line.**



1. The distance between -5 and -1 is \_\_\_\_\_\_\_. 3. The distance between -10 and -3 is \_\_\_\_\_\_\_.

2. The distance between -2 and 6 is \_\_\_\_\_\_\_. 4. The distance between 9 and -9 is \_\_\_\_\_\_\_.

**Find the distance between points by finding the absolute value of their difference. |x – y|**

5. The distance between 18 and 47 is \_\_\_\_\_\_\_. Hint: |18 – 47| = |-29| =

6. The distance between 34 and – 8 is \_\_\_\_\_\_\_. Hint: |34 – (-8)| =

7. The distance between -19 and -47 is \_\_\_\_\_\_\_.

8. The distance between -9.7 and 4.3 is \_\_\_\_\_\_\_.

9. The distance between 33.87 and 75.28 is \_\_\_\_\_\_\_.

10. The distance between -3/4 and -1/8 is \_\_\_\_\_\_\_.