

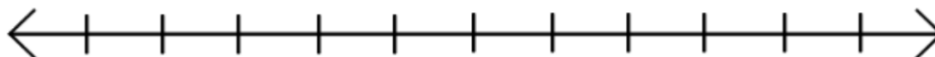


## Absolute Value

- The \_\_\_\_\_ of an integer is the \_\_\_\_\_ that number is from \_\_\_\_\_ on a number line. (# of steps from zero)
- The absolute value of any number is **ALWAYS** \_\_\_\_\_, or \_\_\_\_\_.

$$|14| = |-14| = 14$$

Evaluate and Graph the expression.  $|-4|$



a.  $|6| =$

b.  $|4| + |-4| =$

c.  $|-7| - |2| + |-1| =$

d.  $|-5| =$

e.  $|9| - |-5| =$

f.  $|-13| + |-7| =$

**Record the absolute value for each integer.**

1)  $|-8| =$

2)  $|5| =$

3)  $|15| =$

4)  $|-13| =$

**Evaluate the problems below.**

5)  $|-22| + 9 =$

6)  $|10| - |-4| =$

7)  $|7| \cdot 9 \cdot |0| =$

8)  $|-100| \div |5| =$

**Compare, using  $<$ ,  $>$ , or  $=$**

9)  $6 \bigcirc |-14|$

10)  $|-17| \bigcirc |17|$

**Order the following from GREATEST to LEAST (descending order).**

11)  $-32, -10, |16|, |-3|, |-30|, 25$  \_\_\_\_\_