**Practice – Modeling Integers and Absolute Value**

1. How far a plane rises could be represented by a \_\_\_\_\_\_\_\_\_\_ integer.
2. The height of the Sears Tower in Chicago could be represented by a \_\_\_\_\_\_\_\_\_\_ integer.
3. The number of feet below sea level a scuba diver is could be represented by a \_\_\_\_\_\_\_\_\_\_\_ integer.
4. Write a real-world situation that can be represented by each integer written in the chart.

A.

B.

C.

D.

E.

 F.

5.

**Find the value of each of the following expressions:**

6. $\left|2\right|$ = \_\_\_ 9. $-\left|5\right|$= \_\_\_\_

7. $\left|-4\right|$ = \_\_\_\_ 10. $-\left|-8\right|$= \_\_\_\_

1. $\left|6\right|$ = \_\_\_\_ 11. $-\left|10\right|$= \_\_\_

**Write a expression for each problem, then find the value.**

*Example:* *The opposite of the absolute value of negative 3.* $-\left|-3\right| = $***-3***

12. The absolute value of 12. \_\_\_\_\_\_\_\_ = \_\_\_\_\_\_\_\_\_

13. The opposite of the absolute value of 10. \_\_\_\_\_\_\_\_ = \_\_\_\_\_\_\_\_\_

14. The opposite of the absolute value of negative 12. \_\_\_\_\_\_\_\_ = \_\_\_\_\_\_\_\_\_

15. The absolute value of negative 10. \_\_\_\_\_\_\_\_ = \_\_\_\_\_\_\_\_\_