

SPARK Hybrid Education Center

Mathematics | Week 1: Integers & Absolute Value | Lower Level

Name: _____ Date: _____

Directions: Solve each problem. Show your work in the space provided. Circle your final answer.

1. Order from least to greatest: -3, 5, -7, 2, 0.
2. What is $|-8|$? What is $|6|$?
3. Which is greater: -5 or -2? Explain.
4. Find all integers with absolute value of 4.
5. A submarine is at -200 feet. A plane at 850 feet. Difference in altitude?
6. True or false: $|-9| > |7|$
7. Plot on a number line: -4, -1, 3, 5.
8. What is the absolute value of 0?

--- Answer Key (Cut before distributing) ---

1. -7, -3, 0, 2, 5
2. 8 and 6
3. -2 (closer to zero, farther right)
4. 4 and -4
5. 1,050 feet
6. True
7. (number line diagram)
8. 0

