



Name \_\_\_\_\_ Period \_\_\_\_\_ Date \_\_\_\_\_

## Integer Basics

1) Identify if the following values **are** or **are not** integers.

5                      -17                      0                      0.5                       $-\frac{3}{4}$                       -1,000

2) Write an integer to represent the situation described.

Saving 40 dollars	Losing 3 points
Gaining 10 yards	50 feet above sea level
Withdrawal of 100 dollars	Temperature drop of 6 degrees
Increasing 5 kg	Adding 9 players
Empty gas tank	Walking 2 miles south

3) What is the opposite situation?

Moving 5 steps to the left	Adding 9
Saving 20 dollars	Losing 10 pounds
Winning 4 games	Driving north 35 miles
Walking 2 miles west	Spending 100 dollars
Increase of 6 degrees	Down 3 flights of stairs

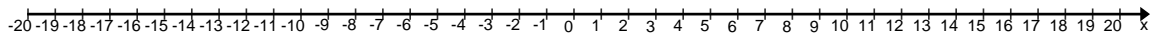
4) Name the **opposite** of each value given.

3                      0                      -7                      19                      -27                      47

5) A submarine dives 40 fathoms beneath the surface. This is shown by -40. What number would show the submarine returning to the surface?

6) Identify the absolute value.

$|-2| =$                        $|6| =$                        $|0| =$                        $|5-2|$                        $|4 \cdot 3|$                        $2|3+5| =$



7) Which is greater? If needed use the number line above.

9, 8                      0, 4                      10, -15                      0, -7                      -3, -9                      -5, 1

8) Write < or > to make a true statement. If needed use the number line above.

7 \_\_\_\_\_ 4                      8 \_\_\_\_\_ 0                      0 \_\_\_\_\_ -5                      22 \_\_\_\_\_ -22                      -8 \_\_\_\_\_ -18                      -6 \_\_\_\_\_ 4

9) Order the numbers from least to greatest. If needed use the number line above.

-2, 1, -10, 9, 0                      12, 1, -18, -6, -1                      -1, 5, -5, -3, 2, -7