



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

## Integer Basics

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

2                  -7                  0                  0.8                   $-\frac{1}{4}$                   -100

2) Write an integer to represent the situation described.

Spending 40 dollars  
 Losing 5 yards  
 Empty gas tank  
 Decreasing 5 kg  
 Withdrawal of 100 dollars

Gaining 2 points  
 20 feet below sea level  
 Temperature increase of 10 degrees  
 Adding 4 players  
 Walking 3 miles north

3) What is the opposite situation?

Losing 3 games  
 Walking 2 miles north  
 Increase of 10 degrees  
 Moving 5 steps to the left  
 Saving 20 dollars

Driving west 8 miles  
 Spending 100 dollars  
 Down 4 flights of stairs  
 Subtracting 9  
 Losing 10 pounds

4) Name the opposite of each value given.

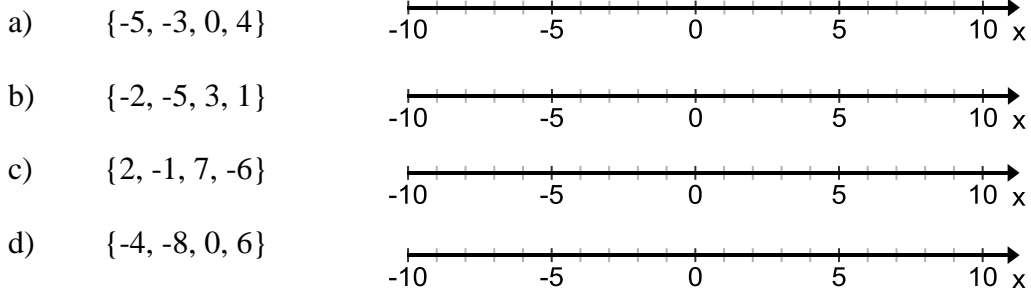
1                  0                  -5                  12                  -20                  43

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.

$|-3| =$                    $|4| =$                    $|0| =$                    $|-15|$                    $|23|$                    $|-21| =$

7) Graph each set of numbers on a number line.

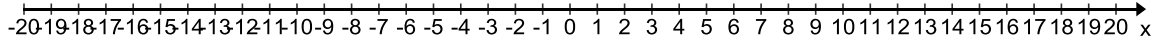




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8) Which is greater? If needed use the number line below.

9 or 5      0 or 2      10 or -5      0 or -3      -5 or -8      -4 or 1



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

9 \_\_\_\_ 3      5 \_\_\_\_ 0      0 \_\_\_\_ 7      2 \_\_\_\_ -2      -3 \_\_\_\_ -10      -5 \_\_\_\_ 6