



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.

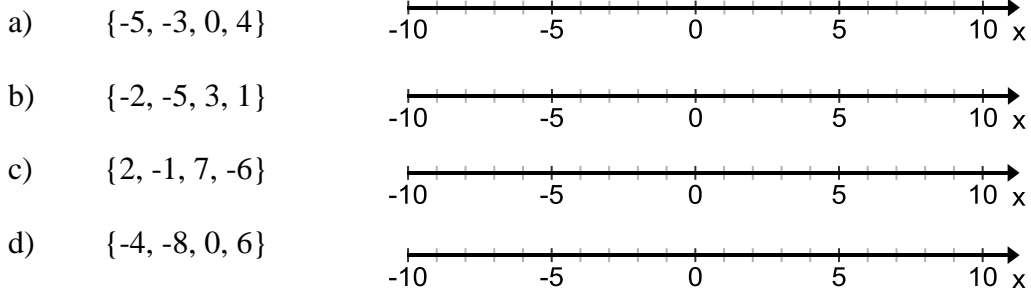
1 0 -5 12 -20 43

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.

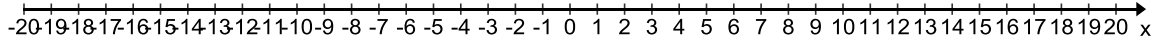




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8) Which is greater? If needed use the number line below.

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