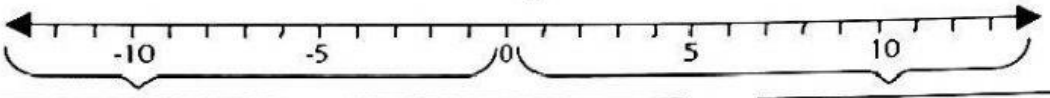
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FCTG

Understanding Integers

* Integers are numbers that include _____, _____, and _____ numbers (see the number line below).
* On a number line, _____ numbers are represented on the left of "0", which values are _____ "0"
* _____ numbers on the right of "0", which values are _____ "0"

Integers



Negative integers are the opposite of positive integers.

Zero is neither positive nor negative. The opposite of 0 is 0.

Positive integers are also called counting numbers.

* Integer word clues

Negative integers	Positive integers

LIVEWORKSHEETS

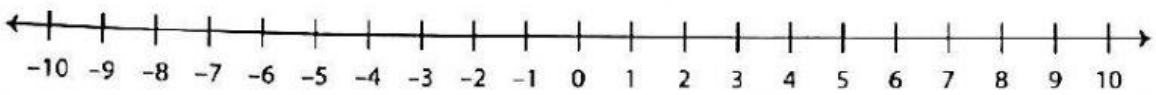
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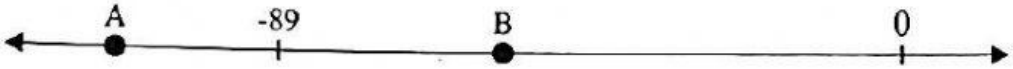
DO NOW!

1. Mark the integer on the number line.

a) -2 b) 7 c) -5 d) 1



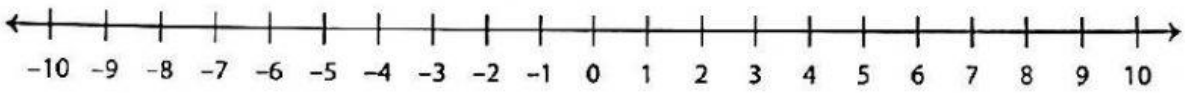
2. Which letter best shows -112?



3. Which letter best shows -43?



4. Answer the questions using the number line below.



(1) 2 units to the left of 3 is _____. (2) 6 units to the right of -1 is _____.

(3) 3 units to the right of 7 is _____. (4) 8 units to the left of 5 is _____.

5. Representations using integers.

Situation	Integer	Situation	Integer
the loss of 5 yards	-5	A gain of 45 yards	
19 degrees below zero	-19	12 degrees above zero	
A profit of 400 dollars	400	A loss of 29 dollars	
A debt of 250 dollars	-250	a surplus of 25 computers	
100 feet below sea level	-100	4,000 feet above sea level	
a decrease of 18 degrees		An increase of 10 degrees	
An increase of 20 students		A decrease of 34 students	
A gain of 56 yards		A loss of 11 yards	
8 strokes under par		3 strokes over par	
32 degrees above zero		25 degrees below zero	
A profit of $10		A debt of $300	

LIVEWORKSHEETS

Name/Nombre: _____ Date/Fecha:_____

LIVEWORKSHEETS