



Concept Check Worksheet

Representation of Integers

Write an integer to represent each situation mentioned below:

- 1) James withdrew \$80 from his bank account.

- 2) Harry adds 18 more toy cars to his collection.

- 3) Kevin took 5 crayons to school and lost them all.

- 4) Lillian received \$10 as pocket money from her dad.

- 5) Mr. Johnson was fined \$13 as he failed to pay the telephone bill on time.

- 6) Anna's vegetable patch yielded 26 tomatoes in all.

- 7) Danny distributed 19 cupcakes to his friends on Thanksgiving Day.

- 8) Jim's friend gave him 7 candies.

- 9) Boston recorded a subzero temperature of 31°F .

- 10) The University basket ball match team lost their 12 points lead in the final quarter of the match.

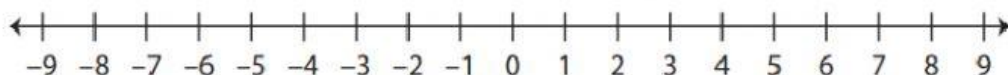
Opposite Integers

A) Write the opposite value of each integer.

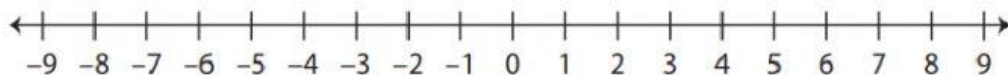
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|--------------------------|--------------------------|
| 1) Opposite of 12 _____ | 2) Opposite of -25 _____ |
| 3) Opposite of -99 _____ | 4) Opposite of 4 _____ |
| 5) Opposite of 36 _____ | 6) Opposite of -57 _____ |

B) Mark each integer given below and its opposite value on the number line.

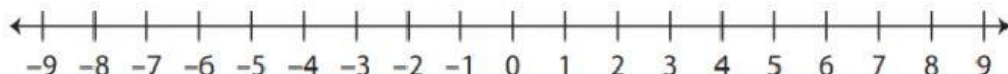
- 1) 2



- 2) -5



- 3) 1



C) Evaluate each expression.

- | | |
|-------------------------------|-------------------------------|
| 1) Opposite of $-(-24)$ _____ | 2) Opposite of $+(-8)$ _____ |
| 3) Opposite of $+(+15)$ _____ | 4) Opposite of $-(+33)$ _____ |
| 5) Opposite of $+(-40)$ _____ | 6) Opposite of $-(-6)$ _____ |

I Evaluate the following integers: *(absolute value)*

(i) $|7|$

(ii) $|-15|$

(iii) $|7 - 15|$

(iv) $|7| + |-15|$

(v) $|7| - |15|$

(vi) $|15 - 7|$

II Evaluate the following: *(absolute value)*

(i) $|-7| + |+5| + |0|$

(ii) $|10| - |-15| + |+12|$

(iii) $-|+3| - |-3| + |-6|$

(iv) $|-8| - |17| + |-12|$