



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.

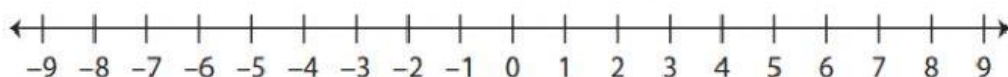
1) Opposite of 12 _____ 2) Opposite of -25 _____

3) Opposite of -99 _____ 4) Opposite of 4 _____

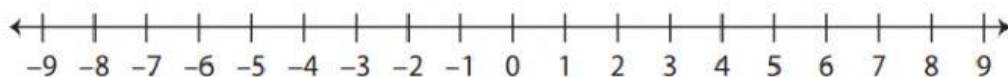
5) Opposite of 36 _____ 6) Opposite of -57 _____

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

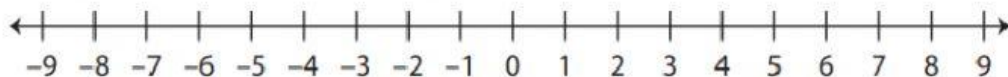
1) 2



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