

Question 1.

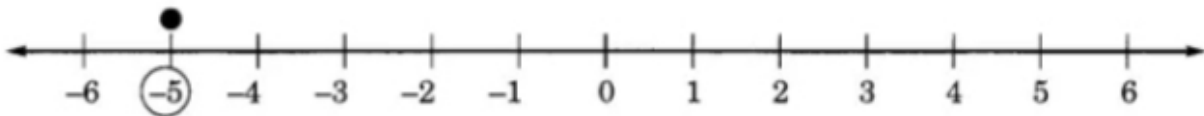
Represent the following on number line:

(a) -5

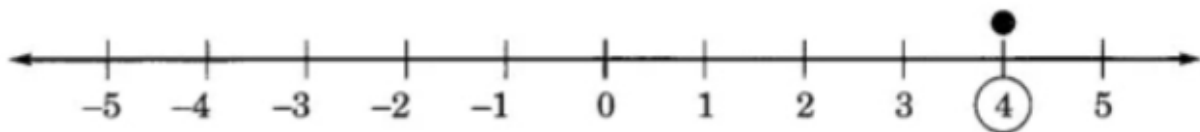
(b) 4

Solution:

(a) -5



(b) 4



Question 2.

Identify the negative integers from the given numbers.

$-5, 3, 0, 5, -6, 7, 3, 4, -4, -7$

Solution:

Negative integers are $-5, -6, -4$ and -7 .

Question 3.

What is the additive identity of -20 ?

Solution:

Additive identity of -20 is 20 .

Question 4.

What is negative of 0?

Solution:

The negative of 0 is 0 it self.

Question 5.

What is the absolute value of $|-6|$?

Solution:

Absolute value of $|-6|$ is 6.

Question 6.

What is the absolute value of $|0|$?

Solution:

Absolute value of $|0|$ is 0.

Question 7.

What is the negative of -13 ?

Solution:

Negative of (-13) is $-(-13) = 13$.

Question 8.

What is the successor of -7 ?

Solution:

The successor of $-7 = -7 + 1 = -6$

MATHEMATICS

CH. 6 : INTEGERS

I Fill in the blanks:

1. $-5 + (-11) =$ _____

2. $8 + (-6) =$ _____

3. $(-26) + (-37) =$ _____

4. Write the greatest negative integer _____

5. Write all integers between - 30 and -20 _____

6. Find the sum of - 45 and 30

7. Which is greater : -65 or -56 ?

8. Which integer is neither positive nor negative ?