



Negative Numbers and Integers Ex 5.1 Q5

Answer :

- (i) Every positive integer is greater than every negative integer; therefore, $3 > -4$.
- (ii) Because -12 is to the left of -8 on a number line, $-8 > -12$.
- (iii) Every positive integer is greater than zero; therefore, $7 > 0$.
- (iv) Every positive integer is greater than every negative integer; therefore, $12 > -18$.

Negative Numbers and Integers Ex 5.1 Q6

Answer :

- (i) There are nine integers in between -7 and 3 , namely, $-6, -5, -4, -3, -2, -1, 0, 1$ and 2 .
- (ii) There are three integers in between -2 and 2 , namely, $-1, 0$ and 1 .
- (iii) There are three integers in between -4 and 0 , namely, $-3, -2$ and -1 .
- (iv) There are two integers in between 0 and 3 , namely, 1 and 2 .

Negative Numbers and Integers Ex 5.1 Q7

Answer :

- (i) There are six integers in between -4 and 3 , namely, $-3, -2, -1, 0, 1$ and 2 .
- (ii) There are six integers in between 5 and 12 , namely, $6, 7, 8, 9, 10$ and 11 .
- (iii) There are six integers in between -9 and -2 , namely, $-8, -7, -6, -5, -4$ and -3 .
- (iv) There are four integers in between 0 and 5 , namely, $1, 2, 3$ and 4 .

Negative Numbers and Integers Ex 5.1 Q8

Answer :

In the given pairs of numbers, the numbers that are to the left of the other numbers on a number line are smaller.

- (i) $2 < 5$
- (ii) $0 < 3$
- (iii) $0 > -7$
- (iv) $-18 < 15$
- (v) $-235 > -532$
- (vi) $-20 < 20$

***** END *****