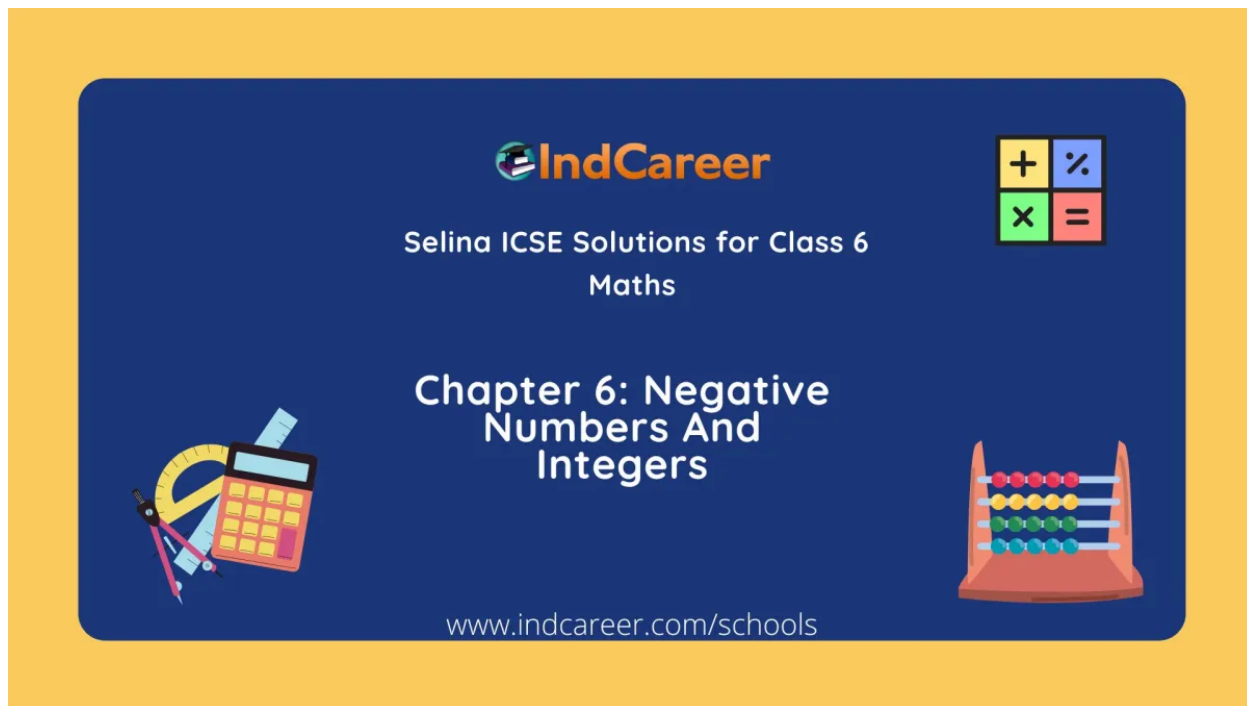


Selina Class 6 ICSE Solutions Mathematics : Chapter 6- Negative Numbers And Integers



For any clarifications or questions you can write to **info@indcareer.com**

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Chapter 6- Negative Numbers And Integers

Class 6: Maths Chapter 6 solutions. Complete Class 6 Maths Chapter 6 Notes.

Selina Class 6 ICSE Solutions Mathematics : Chapter 6- Negative Numbers And Integers

Selina 6th Maths Chapter 6, Class 6 Maths Chapter 6 solutions

Exercise 6 page no: 52

1. Fill in the blanks:

(i) Negative of -20 is

(ii) Negative of 0 is

(iii) Negative of 8 is

(iv) If 10 represents gain of ₹ 10, then -10 represents

(v) If going south is negative then going north is

(vi) Because $5 < 7$, therefore -5 -7.

(vii) If $3 > -2$, then 3 is on the of -2.

(viii) If $-8 < -6$, then -8 is on the of -6.

Solution:

(i) Negative of -20 is 20

(ii) Negative of 0 is 0

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(iii) Negative of 8 is -8

(iv) If 10 represents gain of ₹ 10, then -10 represents loss of ₹ 10

(v) If going south is negative then going north is positive

(vi) Because $5 < 7$, therefore -5 greater than -7

(vii) If $3 > -2$, then 3 is on the right side of -2

(viii) If $-8 < -6$, then -8 is on the left side of -6

2. Use a number line to write the following integers in ascending (increasing) order:

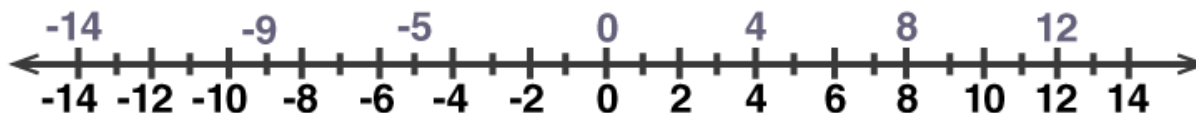
(i) -5, 8, 0, -9, 4, -14 and 12

(ii) -6, 7, 0, -9, 5 and 9

Solution:

(i) -5, 8, 0, -9, 4, -14 and 12

Draw a number line for given integers and mark on it all the integers as shown below



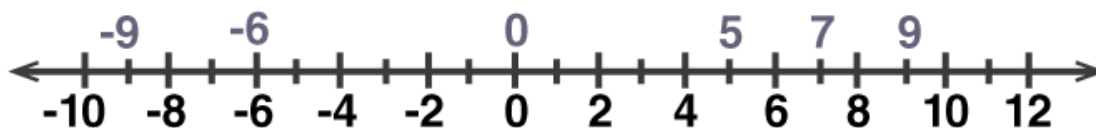
Hence, the given integers in the ascending order are:

$-14 < -9 < -5 < 0 < 4 < 8 < 12$

(ii) -6, 7, 0, -9, 5 and 9

Draw a number line for given integers and mark on it all the integers as shown below

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Hence, the given integers in the ascending order are:

$$-9 < -6 < 0 < 5 < 7 < 9$$

3. Use a number line to write the following integers in descending (decreasing) order:

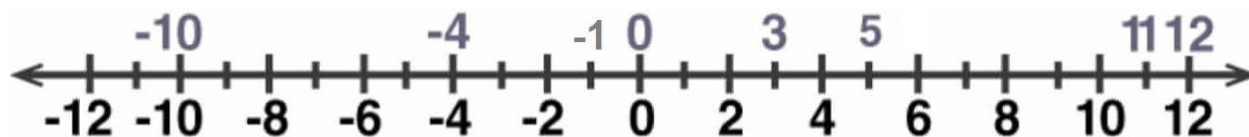
(i) -10, 0, 3, -4, 12, 11, -1 and 5

(ii) -4, 3, -8, -12, -7 and 6

Solution:

(i) -10, 0, 3, -4, 12, 11, -1 and 5

Draw a number line for the given integers and mark on it all the integers as shown below

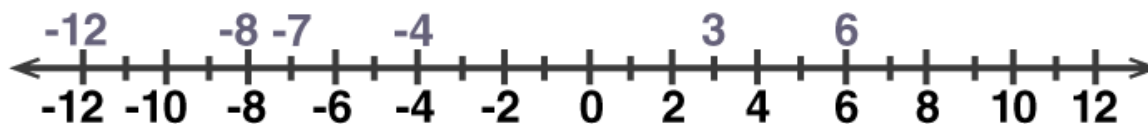


Hence, the given integers in the descending order are:

$$12 > 11 > 5 > 3 > 0 > -1 > -4 > -10$$

(ii) -4, 3, -8, -12, -7 and 6

Draw a number line for the given integers and mark on it all the integers as shown below



Hence, the given integers in the descending order are:

$$6 > 3 > -4 > -7 > -8 > -12$$

4. Add:

(i) 13 and 15

(ii) -13 and 15

(iii) 13 and -15

(iv) -13 and -15

Solution:

(i) 13 and 15

On adding these numbers, we get

$$13 + 15 = 28$$

(ii) -13 and 15

On adding these numbers, we get

$$(-13) + 15 = 2$$

(iii) 13 and -15

On adding these numbers, we get

$$13 + (-15) = 13 - 15$$

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$$= -2$$

(iv) -13 and -15

On adding these numbers, we get

$$(-13) + (-15) = -13 - 15$$

$$= -28$$

5. Add:

(i) 259 and 214

(ii) -528 and -243

(iii) -623 and 326

(iv) 258 and -473

(v) -622 and -254

(vi) 257 and -254

Solution:

(i) 259 and 214

On adding, we get

$$= 259 + 214$$

$$= 473$$

(ii) -528 and -243

On adding, we get

$$= -528 + (-243)$$

$$= -528 - 243$$

$$= -771$$

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(iii) – 623 and 326

On adding, we get

$$= - 623 + 326$$

$$= - 297$$

(iv) 258 and -473

On adding, we get

$$= 258 + (- 473)$$

$$= 258 - 473$$

$$= - 215$$

(v) -622 and -254

On adding, we get

$$= - 622 + (- 254)$$

$$= - 622 - 254$$

$$= - 876$$

(vi) 257 and – 254

On adding, we get

$$= 257 + (- 254)$$

$$= 257 - 254$$

$$= 3$$

6. Subtract:

(i) 5 from 8

(ii) -5 from 8

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(iii) 4 from -7

(iv) -8 from -2

(v) -3 from 12

(vi) -6 from -3

Solution:

(i) 5 from 8

On subtracting, we get

$$= 8 - 5$$

$$= 3$$

(ii) -5 from 8

On subtracting, we get

$$= 8 - (-5)$$

$$= 8 + 5$$

$$= 13$$

(iii) 4 from -7

On subtracting, we get

$$= -7 - 4$$

$$= -11$$

(iv) -8 from -2

On subtracting, we get

$$= -2 - (-8)$$

$$= -2 + 8$$

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$$= 6$$

(v) – 3 from 12

On subtracting, we get

$$= 12 - (-3)$$

$$= 12 + 3$$

$$= 15$$

(vi) – 6 from – 3

On subtracting, we get

$$= -3 - (-6)$$

$$= -3 + 6$$

$$= 3$$

7. Subtract:

(i) – 123 from 453

(ii) -78 from – 12

(iii) 329 from – 124

(iv) -222 from 0

Solution:

(i) – 123 from 453

On subtracting, we get

$$= 453 - (-123)$$

$$= 453 + 123$$

$$= 576$$

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(ii) – 78 from -12

On subtracting, we get

$$= -12 - (-78)$$

$$= -12 + 78$$

$$= 66$$

(iii) 329 from -124

On subtracting, we get

$$= -124 - 329$$

$$= -453$$

(iv) –222 from 0

On subtracting, we get

$$= 0 - (-222)$$

$$= 0 + 222$$

$$= 222$$



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- Chapter 3- Numbers In Indian And International Systems
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- Chapter 5- Natural Numbers And Whole Numbers
- Chapter 6- Negative Numbers And Integers
- Chapter 7- Number Line
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- Chapter 9- Playing With Numbers
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