

**As Per Latest
CBSE CURRICULUM**

ACTIVITY BOOK

MATHEMATICS

Class : VI

Name of School:.....

Name of Student:

ACTIVITY BOOK MATHS VI

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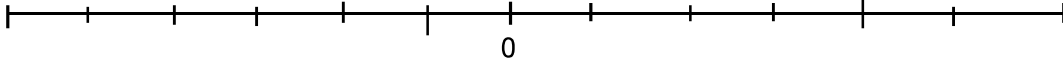
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c) square	d) rectangle
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ACTIVITY 1: NUMBER LINE

1. Mark positive and negative numbers on these number lines $-4, 3, -6, 5, -7, 7, -2, 8$



2. ADDITION OF POSITIVE TO NEGATIVES

1. $-6 + 4 = -2$

2. $-7 + 12 = 5$

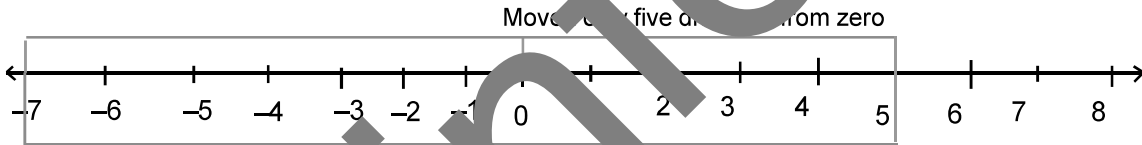
3. $-4 + 10 = 6$

4. $8 - 4 = 4$

Question 1: $-6 + 4 = -2$. How.?



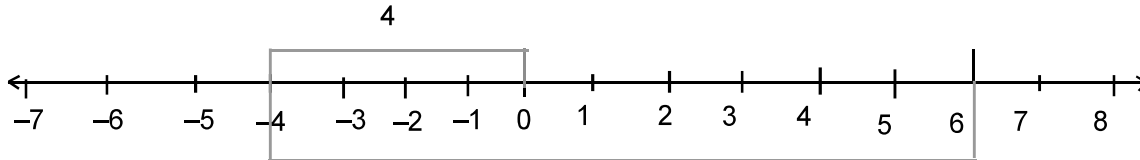
Question 2: $-7 + 12 = 5$



-7 means four divisions left to zero

positive number moves to right

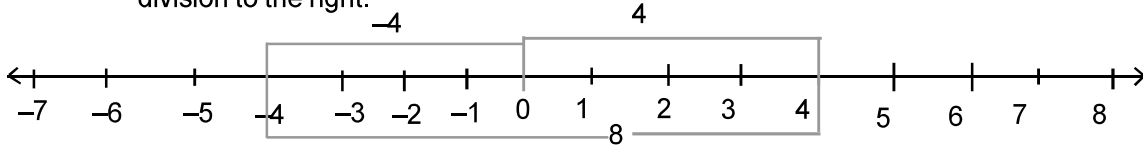
Question 3: $-4 + 10 = 6$



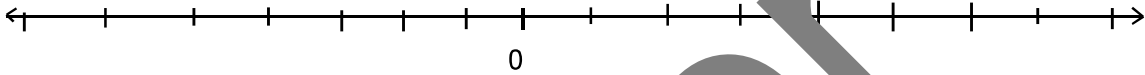
10 means (here) ten divisions to the right from -4 .
ie 6 divisions from '0' = 6 divisions.

Question 4 : $8 - 4 = 4$

1. $8 - 4$ means, 8 has to be added to -4
2. So when 8 goes to the right, the first 4 divisions are taken up by -4 and 8 comes to the zero. Then he has only 4 divisions more with him and he moves 4 division to the right.

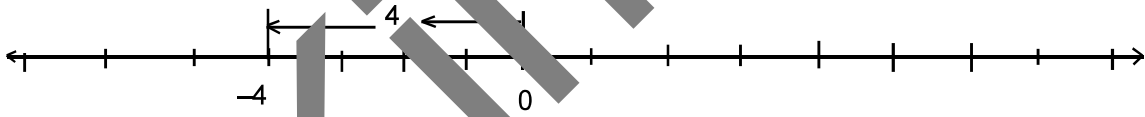


3. ADDING NEGATIVE NUMBERS TO POSITIVE NUMBERS



Why is $-4 + +4 = 0$?

The point -4 point on the number line is 4 division to the left from zero



The point 4 moves 4 division to the right from -4 and reaches the point '0'.
That is why $(-4) + (+4) = 0$.

Viva Voce

1. Add following integers using the number line
 - a) $(-7) + 5$ b) $(-1) + (-3) + 5$
 - c) $(-5) + 4 + (-2)$ c) $5 + (-7) + (-2)$
2. Arrange the following in descending order
 - a) $-2, -9, -1, 0, 11, 5$
 - b) $-21.5, 7, 5, -5, 0, -1$
3. Write the inegers between -3 and $+2$
4. Define an Integer