

## EduSahara™ Learning Center Assignment

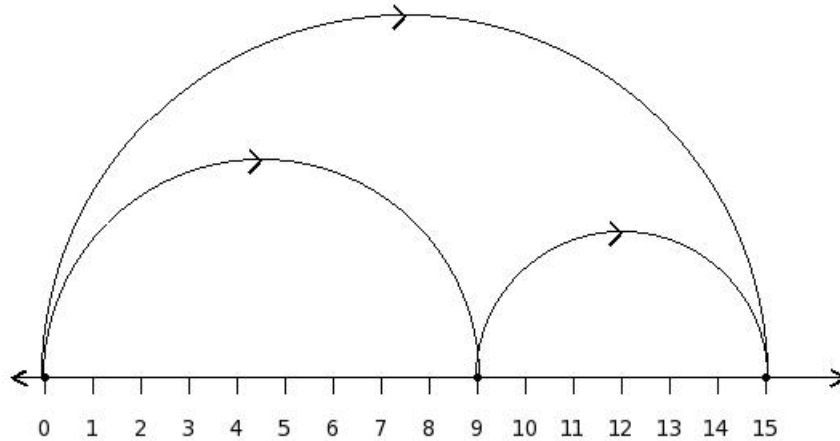
**Grade** : Class VIII, ICSE

**Chapter** : Numbers

**Name** : Number Line Problems

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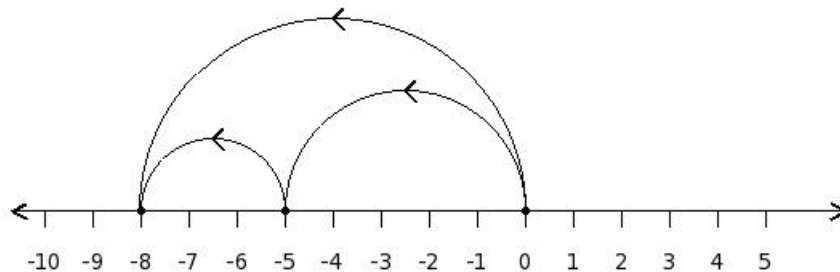
1. Find the equation representing the following number line diagram



(i)  $9 - 9 = 0$  (ii)  $11 - 6 = 5$  (iii)  $9 + 6 = 15$

(iv)  $8 + 6 = 14$  (v)  $10 + 8 = 18$

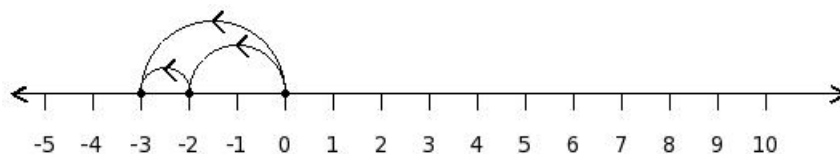
2. Find the equation representing the following number line diagram



(i)  $(-4) + 5 = 1$  (ii)  $(-5) - 3 = (-8)$  (iii)  $(-6) + 3 = (-3)$

(iv)  $(-5) - 6 = (-11)$  (v)  $(-3) - 3 = (-6)$

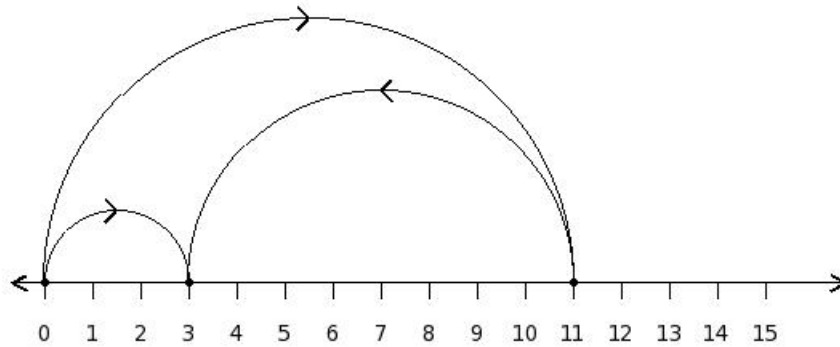
3. Find the equation representing the following number line diagram



(i)  $(-1) + 3 = 2$  (ii)  $(-2) - 1 = (-3)$  (iii)  $0 - 1 = (-1)$

(iv)  $(-2) - 4 = (-6)$  (v)  $(-3) + 1 = (-2)$

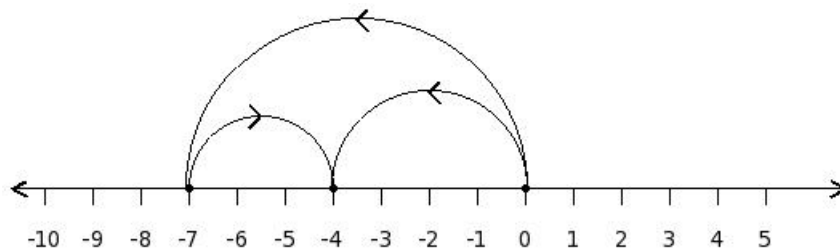
4. Find the equation representing the following number line diagram



(i)  $10 + 8 = 18$  (ii)  $11 - 8 = 3$  (iii)  $11 - 11 = 0$

(iv)  $13 - 8 = 5$  (v)  $12 + 10 = 22$

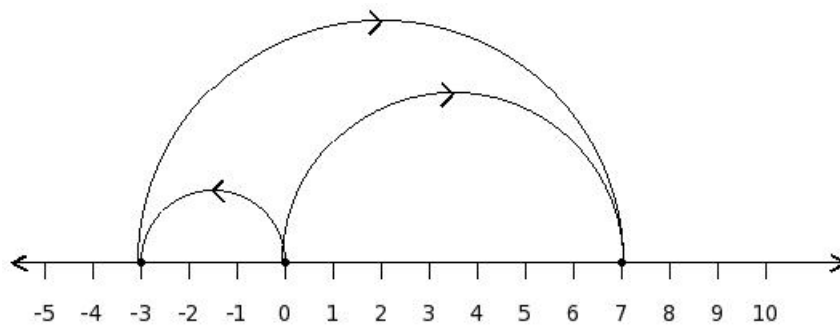
5. Find the equation representing the following number line diagram



(i)  $(-6) + 5 = (-1)$  (ii)  $(-7) + 3 = (-4)$  (iii)  $(-7) - 6 = (-13)$

(iv)  $(-8) + 3 = (-5)$  (v)  $(-5) - 3 = (-8)$

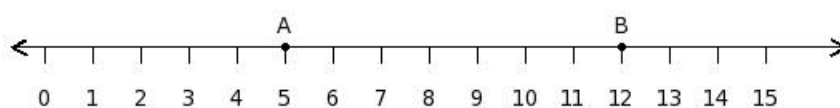
6. Find the equation representing the following number line diagram



(i)  $(-1) - 10 = (-11)$  (ii)  $(-2) + 12 = 10$  (iii)  $(-3) - 13 = (-16)$

(iv)  $(-4) + 10 = 6$  (v)  $(-3) + 10 = 7$

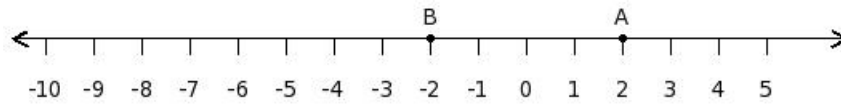
7. Find the difference between the values of numbers at point A and B



(i) (-6) (ii) (-4) (iii) (-8) (iv) (-9) (v) (-7)

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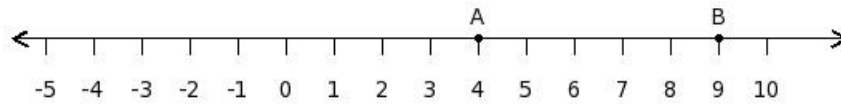
8. Find the difference between the values of numbers at point A and B



(i) 3 (ii) 5 (iii) 1 (iv) 7 (v) 4

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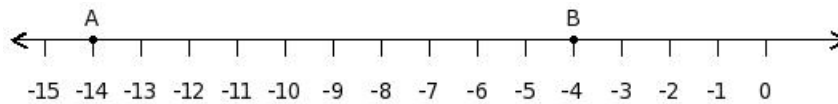
9. Find the difference between the values of numbers at point A and B



(i) (-5) (ii) (-8) (iii) (-6) (iv) (-3) (v) (-4)

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10. Find the difference between the values of numbers at point A and B



(i) (-11) (ii) (-13) (iii) (-7) (iv) (-10) (v) (-9)

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## Assignment Key

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- 1) (iii)
- 2) (ii)
- 3) (ii)
- 4) (ii)
- 5) (ii)
- 6) (v)
- 7) (v)
- 8) (v)
- 9) (i)
- 10) (iv)