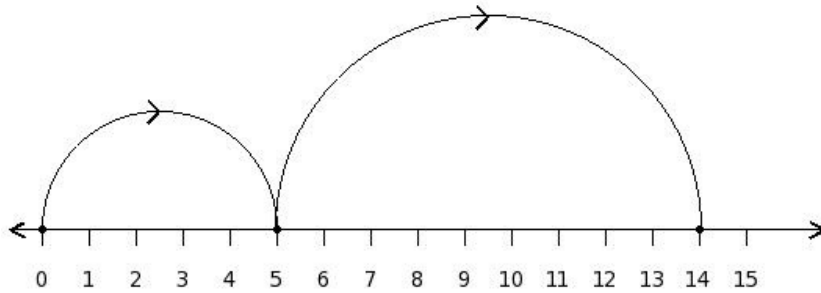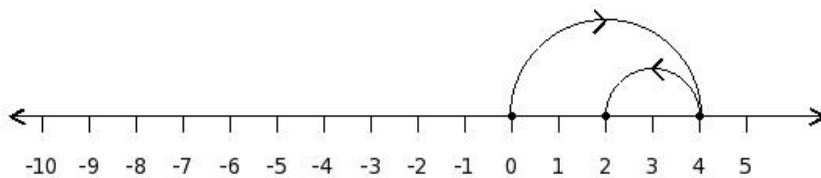1. Find the equation representing the following number line diagram

(i) 5+9=14   (ii) 4+9=13   (iii) 5−12=(-7)   (iv) 6+11=17   (v) 7−9=(-2)

2. Find the equation representing the following number line diagram

(i) 3+2=5   (ii) 5+4=9   (iii) 4−5=(-1)   (iv) 6−2=4   (v) 4−2=2
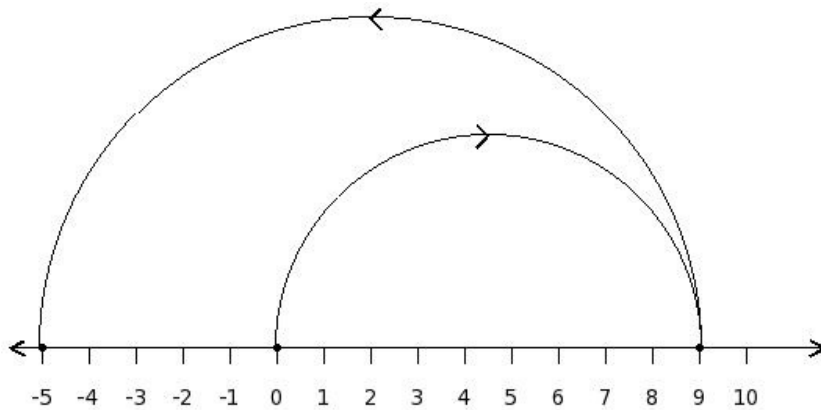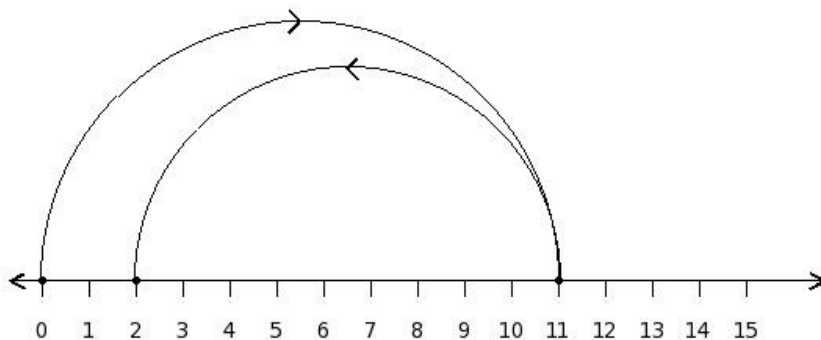
3. Find the equation representing the following number line diagram
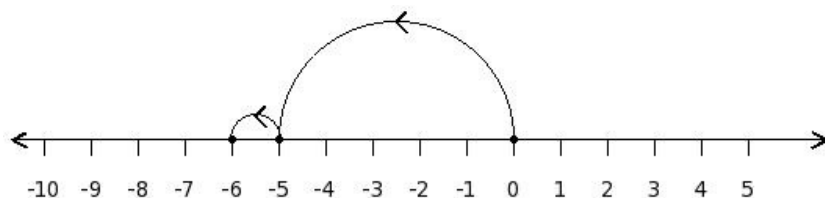

(i) 9−14=(-5)   (ii) 8+14=22   (iii) 9−17=(-8)   (iv) 10+16=26   (v) 11−14=(-3)

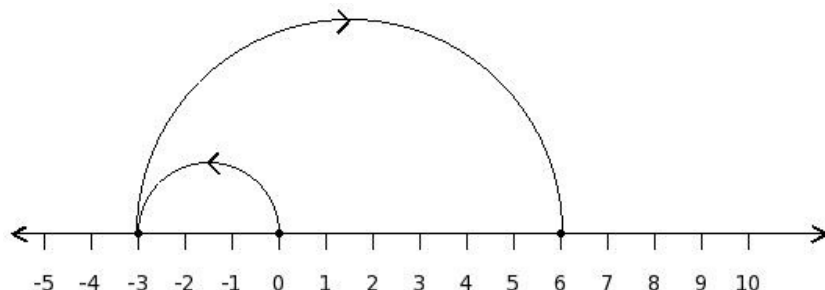4. Find the equation representing the following number line diagram

(i) 11−9=2   (ii) 12+11=23   (iii) 13−9=4   (iv) 11−12=(-1)   (v) 10+9=19

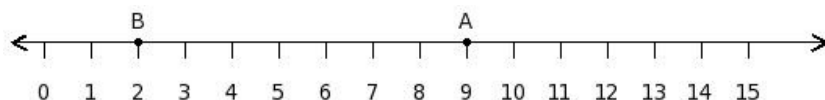5. Find the equation representing the following number line diagram

   -10 -9 -8 -7 -6 -5 -4 -3 -2 -1 0 1 2 3 4 5

(i) $(-5)-4=(-9)$ (ii) $(-3)-1=(-4)$ (iii) $(-4)+3=(-1)$ (iv) $(-5)-1=(-6)$ (v) $(-6)+1=(-5)$

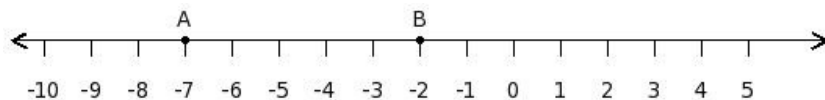6. Find the equation representing the following number line diagram

   -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9 10

(i) $(-1)-9=(-10)$ (ii) $(-3)-12=(-15)$ (iii) $(-2)+11=9$ (iv) $(-3)+9=6$ (v) $(-4)+9=5$

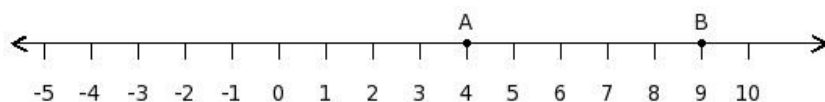7. Find the difference between the values of numbers at point A and B

   0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

(i) 6   (ii) 8   (iii) 7   (iv) 5   (v) 9

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

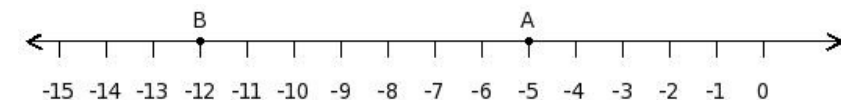   -10 -9 -8 -7 -6 -5 -4 -3 -2 -1 0 1 2 3 4 5

(i) (-3) (ii) (-4) (iii) (-6) (iv) (-7) (v) (-5)

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

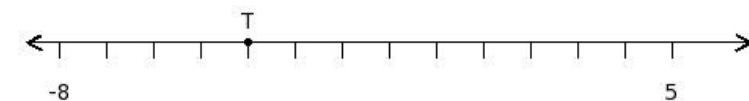   -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9 10

(i) (-6) (ii) (-7) (iii) (-3) (iv) (-4) (v) (-5)

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

   -15 -14 -13 -12 -11 -10 -9 -8 -7 -6 -5 -4 -3 -2 -1 0
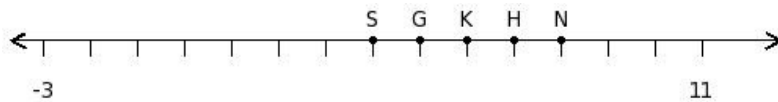
(i) 7   (ii) 4   (iii) 10   (iv) 8   (v) 6

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11. Find the number at the point labelled with letter T

   -8   5

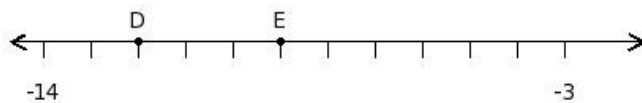(i) (-3) (ii) (-5) (iii) (-2) (iv) (-7) (v) (-4)

12. Find the letter of the label representing the position of number 5

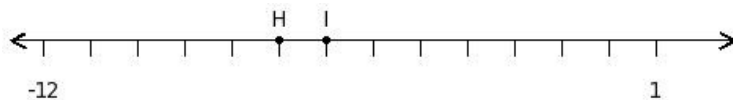-3   11

(i) H (ii) S (iii) K (iv) N (v) G

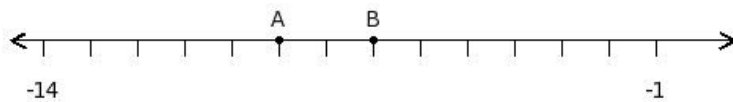13. Find the sum of the two numbers at the points labelled with letters D and E

-14   -3

(i) (-23) (ii) (-21) (iii) (-20) (iv) (-22) (v) (-19)

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14. Find the difference of the two numbers at the points labelled with letters H and I

-12   1

(i) (-4) (ii) (-2) (iii) 0 (iv) (-1) (v) 2

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15. Find the product of the two numbers at the points labelled with letters A and B

-14   -1

(i) 62 (ii) 64 (iii) 65 (iv) 61 (v) 63

Assignment Key

1) (i)	2) (v)	3) (i)	4) (i)	5) (iv)	6) (iv)
7) (iii)	8) (v)	9) (v)	10) (i)	11) (v)	12) (v)
13) (ii)	14) (iv)	15) (v)			