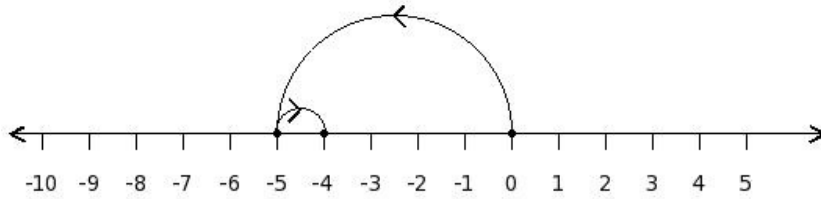


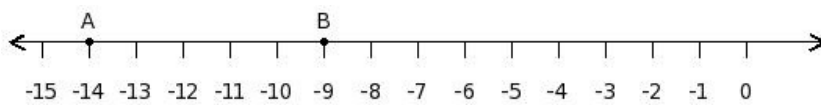


1. Find the equation representing the following number line diagram



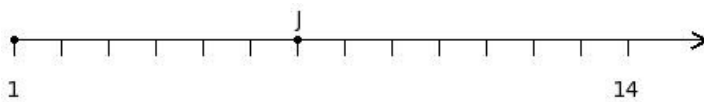
- (i) (-5)+1=(-4) (ii) (-3)-1=(-4) (iii) (-5)-4=(-9) (iv) (-4)+3=(-1) (v) (-6)+1=(-5)

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



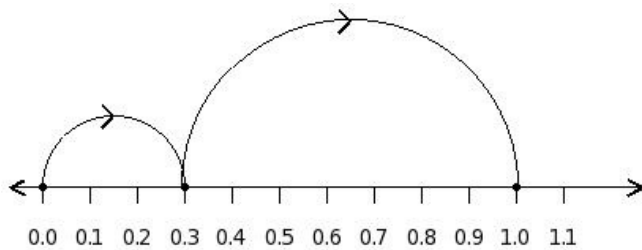
- (i) (-5) (ii) (-2) (iii) (-6) (iv) (-8) (v) (-4)

3. Find the number at the point labelled with letter J



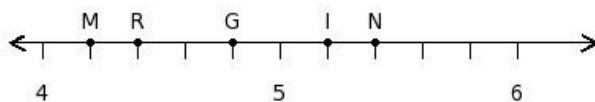
- (i) 6 (ii) 9 (iii) 8 (iv) 7 (v) 4

4. Find the equation representing the following decimal number line diagram



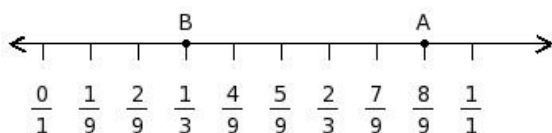
- (i) 0.3-1.0=-0.7 (ii) 0.4+0.9=1.3 (iii) 0.5-0.7=-0.2 (iv) 0.2+0.7=0.9 (v) 0.3+0.7=1.0

5. Find the position of the rational number 24/5 on the number line



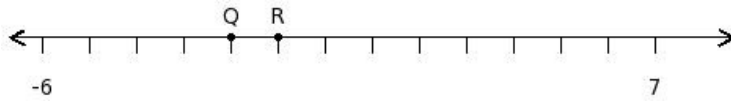
- (i) I (ii) N (iii) R (iv) M (v) G

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



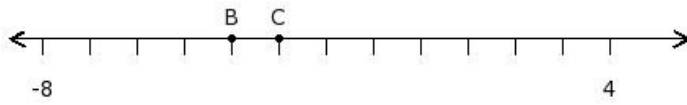
- (i) 5/7 (ii) 5/11 (iii) 1/3 (iv) 7/9 (v) 5/9

7. Find the product of the two numbers at the points labelled with letters Q and R



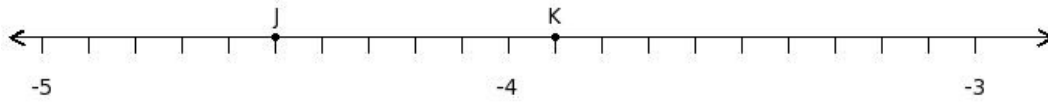
- (i) 2 (ii) (-1) (iii) 5 (iv) 1 (v) 3

8. Find the sum of the two numbers at the points labelled with letters B and C



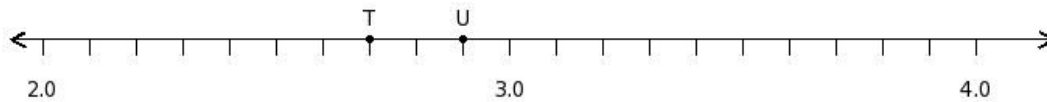
- (i) (-9) (ii) (-8) (iii) (-7) (iv) (-6) (v) (-4)

9. Find the product of the rational numbers at the points labelled with letters J and K



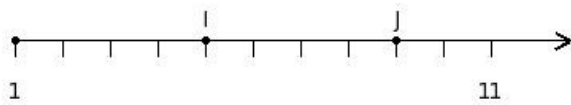
- (i)  $\frac{351}{20}$  (ii)  $\frac{349}{20}$  (iii)  $\frac{317}{18}$  (iv)  $\frac{35}{2}$  (v)  $\frac{353}{20}$

10. Find the difference of the decimal numbers at the points labelled with letters T and U



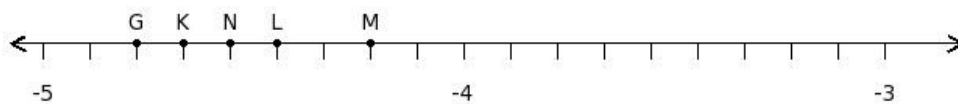
- (i) -0.1 (ii) 0.2 (iii) 0.8 (iv) 0.4 (v) 0.6

11. Find the sum of the two numbers at the points labelled with letters I and J



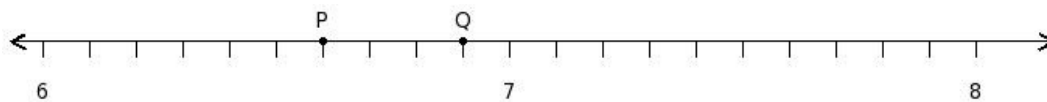
- (i) 11 (ii) 15 (iii) 16 (iv) 14 (v) 13

12. Find the position of the rational number  $(\frac{-40}{9})$  on the number line



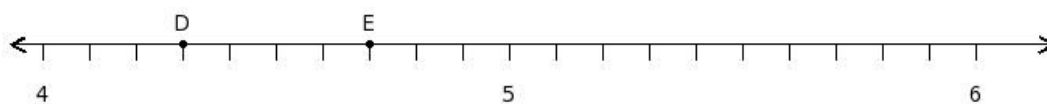
- (i) M (ii) G (iii) N (iv) K (v) L

13. Find the sum of the rational numbers at the points labelled with letters P and Q



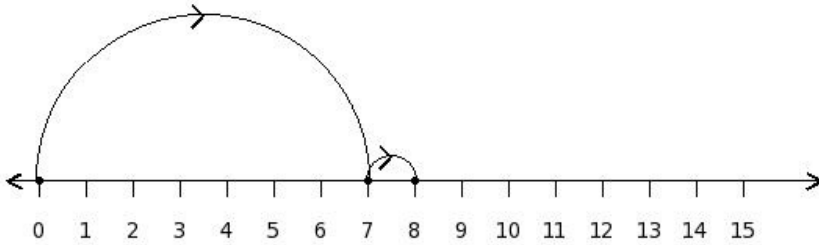
- (i)  $\frac{29}{2}$  (ii)  $\frac{53}{4}$  (iii)  $\frac{25}{2}$  (iv)  $\frac{27}{2}$  (v) 14

14. Find the difference of the rational numbers at the points labelled with letters D and E



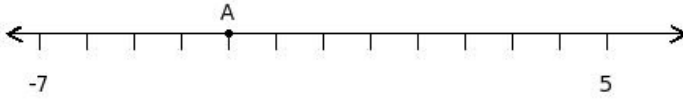
- (i)  $(\frac{-4}{5})$  (ii)  $(\frac{-2}{3})$  (iii) 0 (iv)  $(\frac{-2}{7})$  (v)  $(\frac{-2}{5})$

15. Find the equation representing the following number line diagram



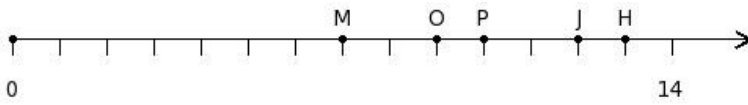
- (i)  $9 - 1 = 8$  (ii)  $7 - 4 = 3$  (iii)  $8 + 3 = 11$  (iv)  $7 + 1 = 8$  (v)  $6 + 1 = 7$

16. Find the number at the point labelled with letter A



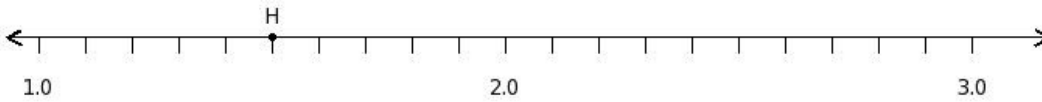
- (i) 0 (ii) (-6) (iii) (-2) (iv) (-4) (v) (-3)

17. Find the letter of the label representing the position of number 10



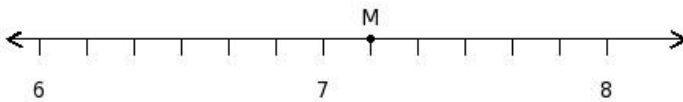
- (i) H (ii) O (iii) P (iv) J (v) M

18. Find the decimal number at the point labelled with letter H



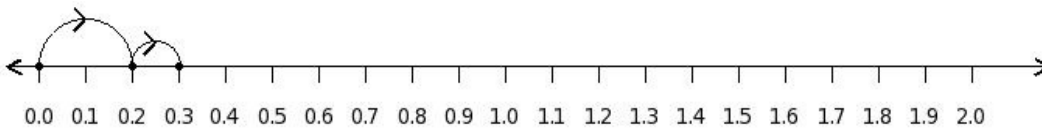
- (i) 2 (ii) 1.4 (iii) 1.5 (iv) 1.7

19. Find the rational number at the point labelled with letter M



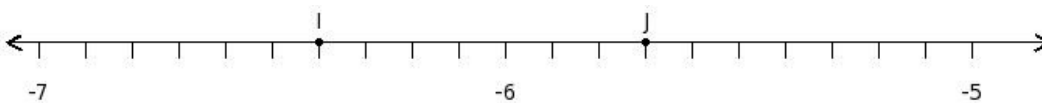
- (i)  $\frac{43}{8}$  (ii)  $\frac{41}{6}$  (iii)  $\frac{43}{4}$  (iv)  $\frac{43}{6}$  (v)  $\frac{15}{2}$

20. Find the equation representing the following decimal number line diagram



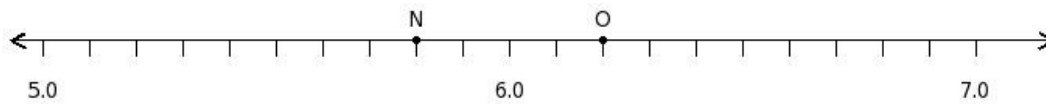
- (i)  $0.4 - 0.1 = 0.3$  (ii)  $0.1 + 0.1 = 0.2$  (iii)  $0.3 + 0.3 = 0.6$  (iv)  $0.2 - 0.4 = -0.2$  (v)  $0.2 + 0.1 = 0.3$

21. Find the difference of the rational numbers at the points labelled with letters I and J



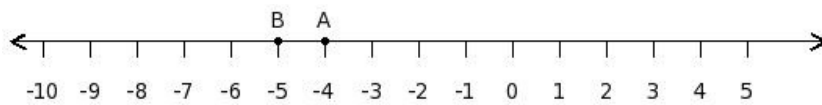
- (i)  $(-\frac{9}{10})$  (ii)  $(-\frac{1}{2})$  (iii)  $(-\frac{7}{12})$  (iv)  $(-\frac{7}{8})$  (v)  $(-\frac{7}{10})$

22. Find the sum of the decimal numbers at the points labelled with letters N and O



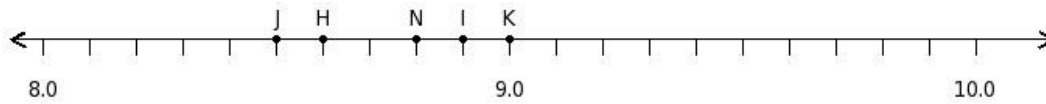
- (i) 12 (ii) 12.4 (iii) 11.7 (iv) 12.3 (v) 12.6

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



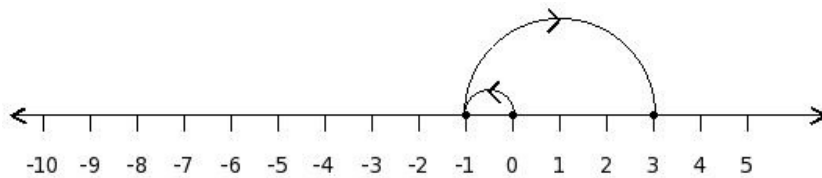
- (i) 2 (ii) 0 (iii) 1 (iv) (-2) (v) 3

24. Find the position of the decimal number 8.8 on the number line



- (i) I (ii) K (iii) H (iv) J (v) N

25. Find the equation representing the following number line diagram



- (i)  $1 - 4 = -3$  (ii)  $0 + 6 = 6$  (iii)  $(-1) + 4 = 3$  (iv)  $(-2) + 4 = 2$  (v)  $(-1) - 7 = (-8)$

## Assignment Key

1) (i)	2) (i)	3) (iv)	4) (v)	5) (v)	6) (v)
7) (i)	8) (iii)	9) (i)	10) (ii)	11) (iv)	12) (v)
13) (iv)	14) (v)	15) (iv)	16) (v)	17) (iii)	18) (iii)
19) (iv)	20) (v)	21) (v)	22) (i)	23) (iii)	24) (v)
25) (iii)					