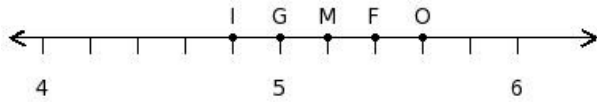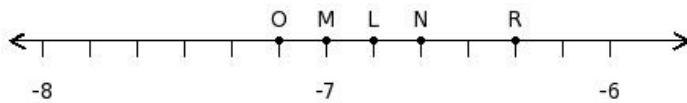1. Find the position of the rational number $\dfrac{27}{5}$ on the number line
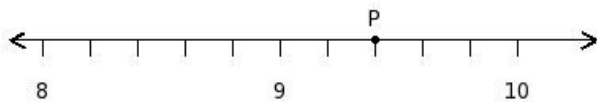

(i) G   (ii) O   (iii) F   (iv) I   (v) M

2. Find the position of the rational number $\left(\dfrac{-20}{3}\right)$ on the number line
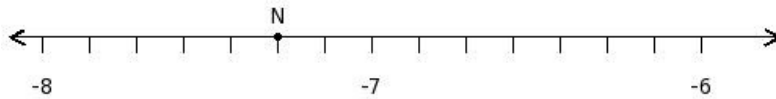

(i) N   (ii) R   (iii) M   (iv) L   (v) O

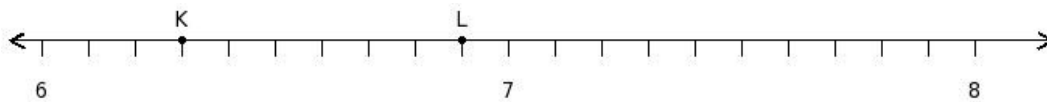3. Find the rational number at the point labelled with letter P

(i) 9   (ii) $\dfrac{49}{5}$ (iii) $\dfrac{47}{3}$ (iv) $\dfrac{47}{5}$ (v) $\dfrac{47}{7}$

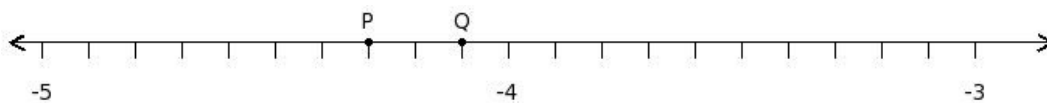4. Find the rational number at the point labelled with letter N

(i) -7   (ii) $\left(\dfrac{-17}{3}\right)$ (iii) $\left(\dfrac{-53}{7}\right)$ (iv) $\left(\dfrac{-51}{7}\right)$ (v) $\left(\dfrac{-51}{5}\right)$

5. Find the sum of the rational numbers at the points labelled with letters K and L

(i) $\dfrac{68}{5}$ (ii) $\dfrac{64}{5}$ (iii) $\dfrac{92}{7}$ (iv) $\dfrac{40}{3}$ (v) $\dfrac{66}{5}$

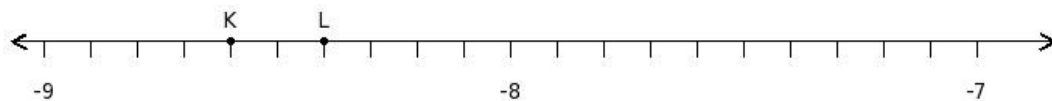6. Find the sum of the rational numbers at the points labelled with letters P and Q

(i) -8   (ii) $\left(\dfrac{-26}{3}\right)$ (iii) $\left(\dfrac{-42}{5}\right)$ (iv) $\left(\dfrac{-44}{5}\right)$ (v) $\left(\dfrac{-58}{7}\right)$

7. Find the difference of the rational numbers at the points labelled with letters Q and R

Q   R

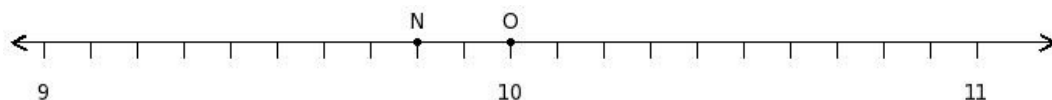1   2   3

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

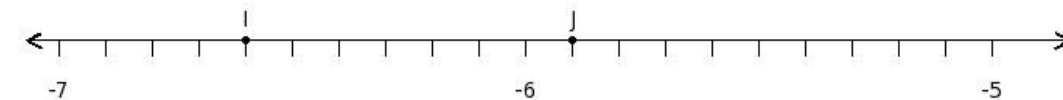**8.** Find the difference of the rational numbers at the points labelled with letters K and L

K   L

-9   -8   -7

(i) $\frac{1}{5}$ (ii) $(\frac{-3}{5})$ (iii) $(\frac{-1}{7})$ (iv) $(\frac{-1}{3})$ (v) $(\frac{-1}{5})$

---

9. Find the product of the rational numbers at the points labelled with letters N and O

N   O

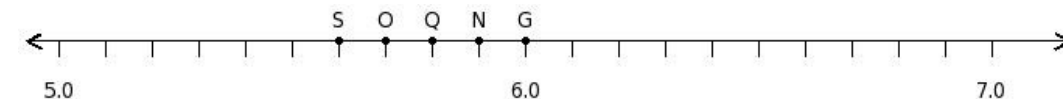9   10   11

(i) 100 (ii) 99 (iii) 98 (iv) 96 (v) 97

---

10. Find the product of the rational numbers at the points labelled with letters I and J

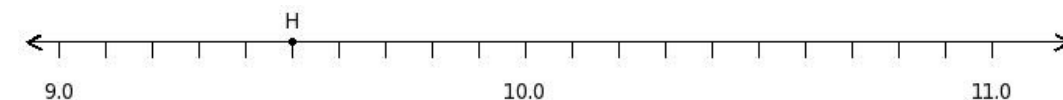I   J

-7   -6   -5

(i) $\frac{389}{10}$ (ii) $\frac{1949}{50}$ (iii) $\frac{1871}{48}$ (iv) $\frac{1947}{50}$ (v) $\frac{2023}{52}$

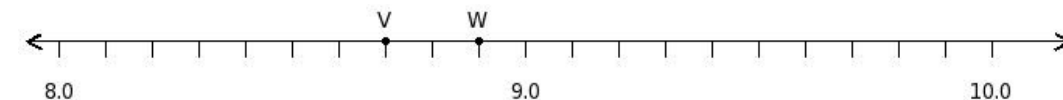**11.** Find the position of the decimal number 5.9 on the number line

S O Q N G

5.0   6.0   7.0

(i) Q (ii) N (iii) O (iv) G (v) S

---

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

H

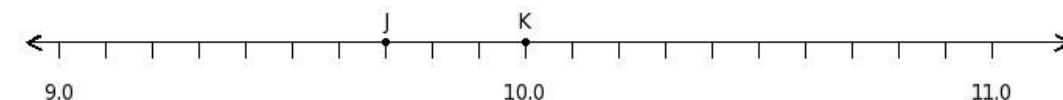9.0   10.0   11.0

(i) 9.5 (ii) 9.3 (iii) 9.7 (iv) 10 (v) 9.9

---

13. Find the sum of the decimal numbers at the points labelled with letters V and W

V   W

8.0   9.0   10.0
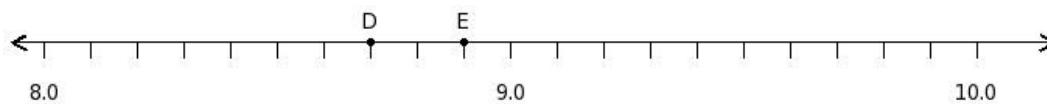
(i) 17.3 (ii) 17.9 (iii) 18.2 (iv) 17.6 (v) 18

---

14. Find the difference of the decimal numbers at the points labelled with letters J and K

J   K

9.0   10.0   11.0
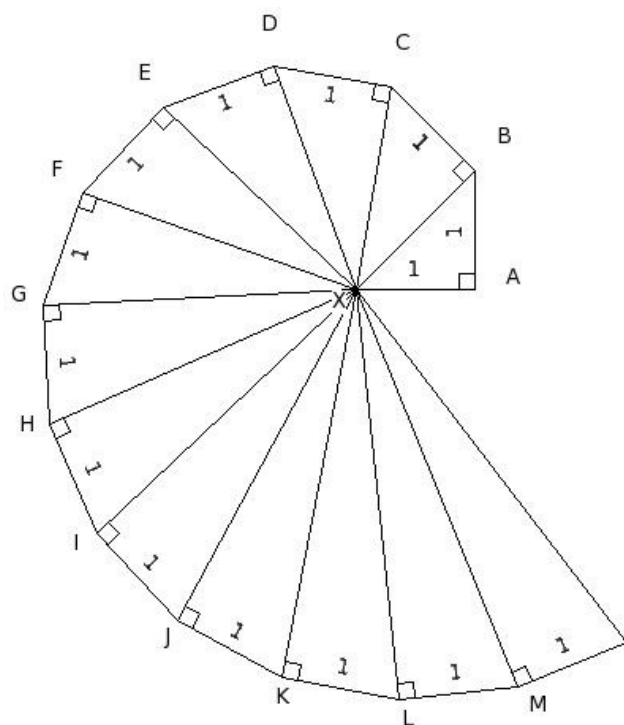
(i) 0.8 (ii) 0.3 (iii) 0.7 (iv) 0.5 (v) 0.2

15. Find the product of the decimal numbers at the points labelled with letters D and E
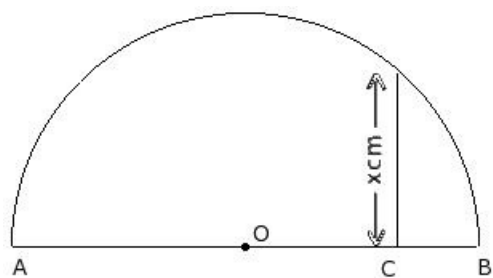

(i) 77.43 (ii) 77.93 (iii) 77.53 (iv) 77.23 (v) 77.83
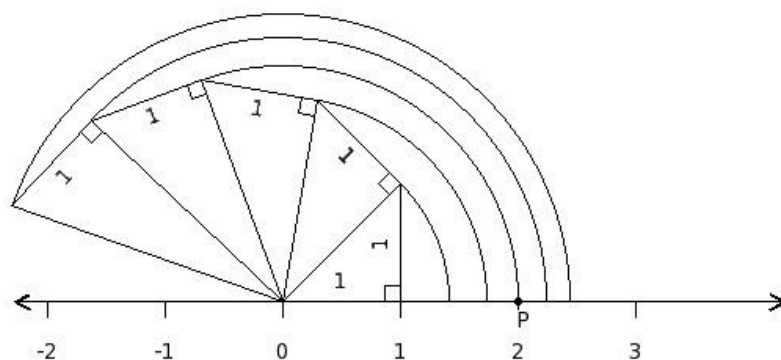
---

16. Find the length of side XG

(i) $\sqrt{7}$ (ii) $\sqrt{14}$ (iii) $\sqrt{15}$ (iv) $\sqrt{12}$ (v) $\sqrt{10}$

---

17. If the length of AB = 5.8 cm and CB = 1 cm, find the value of x

(i) $\sqrt{5.3}$ cm (ii) $\sqrt{5.2}$ cm (iii) $\sqrt{4.8}$ cm (iv) $\sqrt{4.6}$ cm (v) $\sqrt{4.4}$ cm

---

18. Find the value of P on the number line

(i) $\sqrt{7}$ (ii) $\sqrt{6}$ (iii) $\sqrt{4}$ (iv) $\sqrt{2}$

Assignment Key

1) (iii)	2) (i)	3) (iv)	4) (iv)	5) (v)	6) (iii)
7) (v)	8) (v)	9) (iii)	10) (iv)	11) (ii)	12) (i)
13) (iv)	14) (ii)	15) (i)	16) (i)	17) (iii)	18) (iii)