

1. Drag and drop the following numbers in their correct box.

45 , -25 , +88 , -40, 57, +13 , 0, +10 , -8 , -123 , +117 , -(-17)

Positive integers	Negative integer	Neither positive nor negative integers

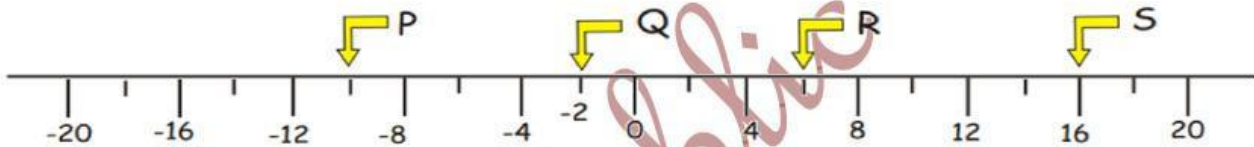
2. At 7:30 a.m., the temperature was  $-4^{\circ}\text{C}$ . By 1:30 p.m., the temperature was  $10^{\circ}\text{C}$ . Choose the phrase that describes the change in temperature.

- (a) Increased by  $14^{\circ}\text{C}$  (b) Decreased by  $14^{\circ}\text{C}$  (c) Increased by  $6^{\circ}\text{C}$

3. Suppose time is measured in years and zero stands for the year 2023.

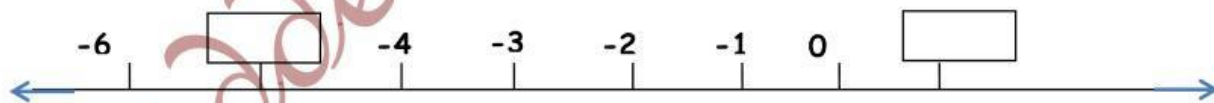
- (i) What number stands for the year 2022?
- (ii) What number stands for 2024?

4. Look at this number line.



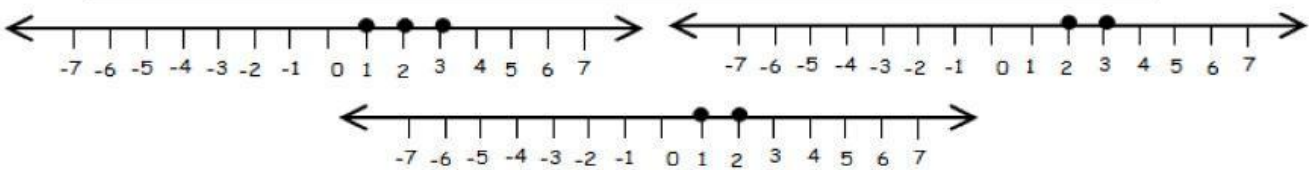
- (a) Which letter represents the greatest number? \_\_\_\_\_
- (b) Which letter represents the smallest number? \_\_\_\_\_
- (c) Fill in the blanks.
- (i) P \_\_\_\_\_ R (ii) Q \_\_\_\_\_ S (iii) R \_\_\_\_\_ Q (iv) S \_\_\_\_\_ P

5. Fill in the missing numbers on number line.



6. Tick (only one) number line which will satisfy all the conditions given in box.

- \* Integers greater than & equal 1 but less than and equal to 3.
- \* Integers between 0 & + 4
- \* Integers from 1 to 3.



**7. Encircle (only one) the best answer from the given options.**

**(i) \_\_\_\_\_ is the largest negative Integer.**

- (a)  $-1$                       (b) zero                      (c) 1                      (d) 2

**(ii) The collection of \_\_\_\_\_ and opposite of natural numbers gives Integers.**

- (a) Decimals                      (b) Fractions                      (c) whole numbers (d)negative numbers

**(iii) Which of the following is a positive Integer?**

- (a)  $+4.5$                       (b)  $4\frac{1}{2}$                       (c)  $-4$                       (d) 4

**(iv) Which of the following statement is true?**

- (a)  $+1$  is the greatest positive integer.  
(b) 1 is the smallest one digit natural number.  
(c)  $-1$  is smallest negative integer.  
(d) Opposite of a negative integer is always a negative integer.

**(v)  $- (+9)$  is same as :**

- (a) opposite of  $+9$                       (b) opposite of  $(-9)$                       (c)  $+9$                       (d)  $-(-9)$

**(vi) I. 0 is neither positive nor negative .**

**II. 0 is a positive number .**

**III. The smallest integer is 0 .**

**Which of the given statements is/are correct?**

- (a) only I                      (b) only II                      (c) only III                      (d) I and II

**(vii) The points  $+5$  ,  $-2$  ,  $+3$  &  $-9$  are marked on a number line . What is the distance between the two closest points , in units ?**

- (a) 1                      (b) 2                      (c) 6                      (d) 9

**8. Encircle 'T' for True & 'F' for False statement.**

(i) There is no integer smaller than 7 but greater than 6 .

T / F
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(ii) Zero is smaller than all negative integers.

T / F
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(iii) There is no integer greater than  $-3$  but less than  $-2$ .

T / F
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(iv) Zero is greater than all positive integers.

T / F
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**9. Insert '<', '>' or '=' in each blank to make the statements true.**

(i)  $-100$  \_\_\_\_\_ zero

(ii) 1 \_\_\_\_\_ smallest natural number

(iii)  $+8$  \_\_\_\_\_  $-100$

(iv) First whole number \_\_\_\_\_ Neither positive nor negative integer