



1. Which of the following are true?

- a)  $2 \div 10 = 10 \div 2$
- b)  $14 + 12 = 12 + 14$
- c)  $10 \times 14 = 14 \times 10$
- d)  $12 - 2 = 2 - 12$

(i) {b,c} (ii) {a,b} (iii) {a,c,b} (iv) {d,c} (v) {a,d,b}

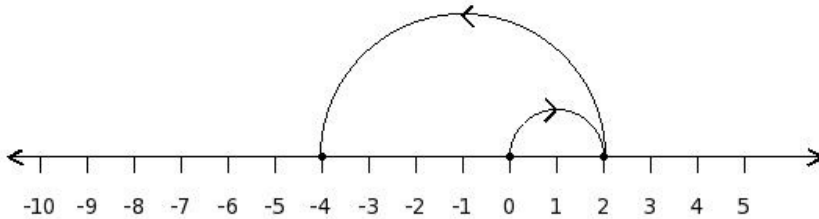
2. The value of  $8 \times 7 \times 19 \times 3$  is

- (i) 3194 (ii) 3191 (iii) 3192 (iv) 3190 (v) 3193

3. The value of  $0 - 13 - 48 - 59$  is

- (i) (-119) (ii) (-118) (iii) (-120) (iv) (-123) (v) (-121)

4. Find the equation representing the following number line diagram



- (i)  $2 - 6 = (-4)$  (ii)  $1 + 6 = 7$  (iii)  $2 - 9 = (-7)$  (iv)  $4 - 6 = (-2)$  (v)  $3 + 8 = 11$

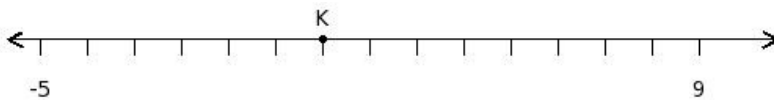
5.  $(35 + 49) \times (37 + 34) =$

- (i) 5962 (ii) 5965 (iii) 5963 (iv) 5967 (v) 5964

6. The value of  $10 - 10 - 9 - 17$  is

- (i) (-29) (ii) (-25) (iii) (-26) (iv) (-24) (v) (-27)

7. Find the number at the point labelled with letter K



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

8. Which of the following is true?

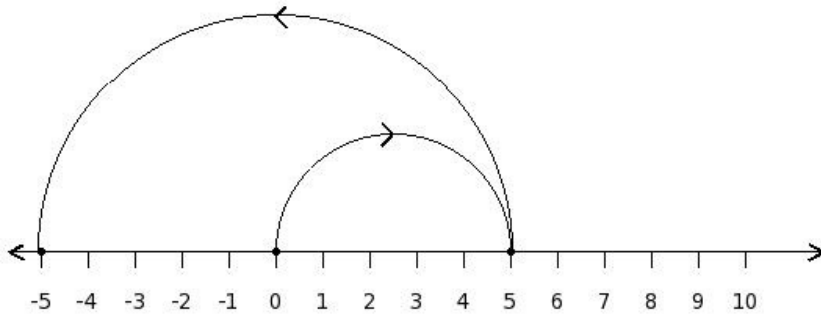
- a) 8 is to the left of 10 on the number line
- b) 7 is to the left of 8 on the number line
- c) 7 is to the right of 8 on the number line
- d) 8 is to the right of 10 on the number line

(i) {c,d,a} (ii) {d,b} (iii) {c,a} (iv) {a,b} (v) {c,b,a}

9. Find  $23 \times (25 + 71)$

- (i) 2206 (ii) 2211 (iii) 2208 (iv) 2209 (v) 2207

10. Find the equation representing the following number line diagram

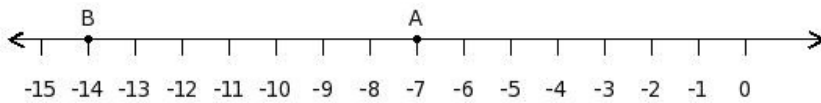


- (i)  $4+10=14$  (ii)  $5-10=(-5)$  (iii)  $7-10=(-3)$  (iv)  $5-13=(-8)$  (v)  $6+12=18$

11. The value of  $17 + 1 + 7 + 5$  is

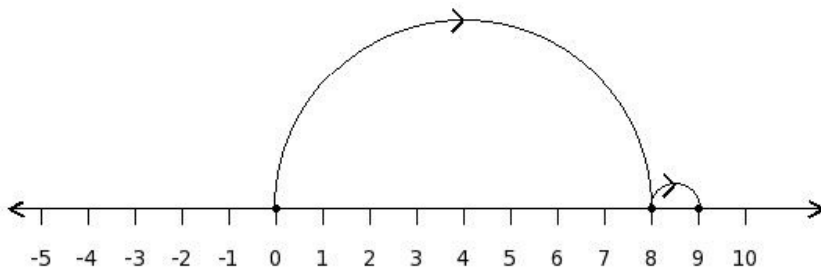
- (i) 28 (ii) 29 (iii) 31 (iv) 32 (v) 30

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



- (i) 4 (ii) 8 (iii) 7 (iv) 10 (v) 6

13. Find the equation representing the following number line diagram



- (i)  $9+3=12$  (ii)  $8+1=9$  (iii)  $8-4=4$  (iv)  $10-1=9$  (v)  $7+1=8$

14. Which of the following is true?

- a) 1 is to the left of 4 on the number line  
 b) -9 is to the right of 1 on the number line  
 c) -9 is to the left of -2 on the number line  
 d) -2 is to the right of 4 on the number line

- (i) {d,c} (ii) {a,c} (iii) {b,a} (iv) {b,d,a} (v) {b,c,a}

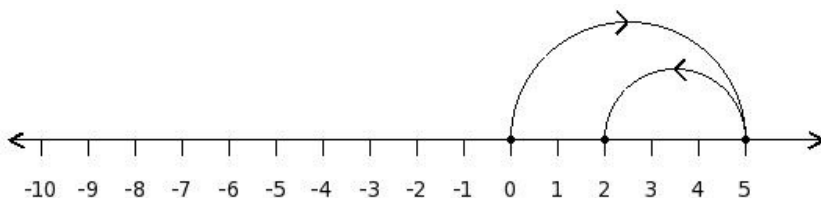
15. The value of  $12 + 16 + 10$  is

- (i) 38 (ii) 35 (iii) 37 (iv) 40 (v) 39

16. The value of  $12 \times 9$  is

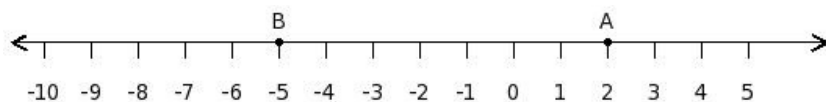
- (i) 107 (ii) 110 (iii) 108 (iv) 105 (v) 109

17. Find the equation representing the following number line diagram



- (i)  $7-3=4$  (ii)  $4+3=7$  (iii)  $5-3=2$  (iv)  $6+5=11$  (v)  $5-6=(-1)$

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



- (i) 10 (ii) 6 (iii) 5 (iv) 7 (v) 8

19. The value of  $8 + 9 - 13 - 5$  is

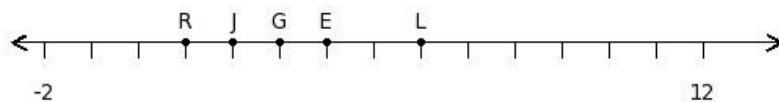
- (i) (-1) (ii) (-4) (iii) 0 (iv) (-2) (v) 1

20. Which of the following are true?

- a) integers are closed under multiplication
- b) integers are closed under subtraction
- c) integers are closed under addition
- d) integers are closed under division

- (i) {d,a} (ii) {a,b,c} (iii) {d,c} (iv) {d,a,b} (v) {d,b}

21. Find the letter of the label representing the position of number 3



- (i) E (ii) G (iii) L (iv) J (v) R

22. The value of  $1 \times 24$  is

- (i) 26 (ii) 24 (iii) 25 (iv) 22 (v) 23

23.  $(38 - 50) + (36 - 13) =$

- (i) 11 (ii) 14 (iii) 9 (iv) 12 (v) 10

24. The value of  $13 - 11$  is

- (i) 4 (ii) 3 (iii) 2 (iv) (-1) (v) 1

25. The value of  $1 - 18$  is

- (i) (-16) (ii) (-17) (iii) (-14) (iv) (-19) (v) (-18)

## Assignment Key

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