

Chapter-04

Mathematical Symbols

Short Questions:

1. $(x + 15) \times 3 = 90$; what is the value of x ?

Ans. 15

2. $7 \times x < 50$, what are the values of x ?

Ans. 1, 2, 3, 4, 5, 6, 7

3. $x - 7 = 32 - 17$; what is the value of x ?

Ans. 22

4. $x \div 11 = 6 + 7$; what is the value of x ?

Ans: 143

5. $6 \times x = 27 \times 2$; what is the value of x ?

Ans. 9

6. $72 \div x = 24 \div 3$; what is the value of x ?

Ans. 9

7. $x - 17 - 11 = 39$; what is the value of x ?

Ans. 67

8. Monu has some marbles. He gives 4 marbels to Pintu. Montu has 8 marbels now. How many marbles Montu had?

Ans. 12

One Word Questions

Fill in the blanks / Matchings

1. 0 to 9 digit numbers are called—

Ans. Numerical symbol

2. How can we write all the numbers?

Ans. By using numerical symbol

3. How many operational symbols are there?

Ans. 4

4. How many numerical symbols are there?

Ans. 10

5. By using which symbol we can make number with many digits?

Ans. Operational symbol

6. 104 is greater than 96. Which one is the mathematical statement?

Ans. $104 > 96$

7. 1st number is smaller than 2nd number between 273 and 373, Which symbol we have to use in this case?

Ans. $<$

8. $\{347 - (189 - 65)\}$ $_$ $(347 - 189 + 65)$ for completing the statement which symbol we have to use?

Ans. $=$

9. $(98 - 9) \times 5 + (20 + 3 - 15)$ here which symbol is used besides operational symbol?

Ans. Special symbol

10. What is the sum value of $1 + 3 + 9 + 27 + 81$?

Ans. 121

11. What is the meaning of \leq ?

Ans. Small or equal

12. What is the meaning of $>$?

Ans. greater

13. Which bracket is this $\{ \}$?

Ans. 2nd bracket

14. Which one is 3rd bracket?

Ans. $[]$

15. $x \div 7 = 15$, $x = ?$

Ans. 105

16. Which one is the value of x for making the statement true $x \times 5 < 15$?

Ans. 3

17. $6 \times x + 3 = 33$, what is the value of x ?

Ans. 5

18. $206 - 188 = _ _ _ ?$

Ans. 18

19. $(36 _ _ 4) \times 5 - 7 = 38$

Ans. \div

20. If we divide seventy five by five and multiply the quotient by three then product = ?

Ans. 45

21. Which one is the mathematical statement if we divide 21 lozenges between 5 children?

(a) $5 \times x = 21$

(b) $5 \times x \leq 21$

(c) $5 \times x < 21$

(d) $5 \times x \geq 21$

Ans (b)

22. How many relation symbols are used in Mathematics?

Ans. 6

23. What does \nlessgtr mean?

Ans. Not greater than

24. What symbol is a must to form a mathematical sentence?

Ans. Relation symbol

25. An open sentence contains a $_ _ _$ symbol positively.

Ans. special

26. How many bracket signs are there in practical use in Mathematics?

Ans. 3

27. Dividend = 527, Divisor = 25, Quotient = 21 and Remainder = 2

28. What is the correct form of mathematical sentence?

(a) $527 = 25 \times 21 + 2$

(b) $527 = 25 \times 21$

(c) $527 \div 2 = 25 \times 21$

(d) $527 \div 21 = 25 \times 2$

Ans. (a)

29. Minuend = 3793 and the difference = 1087. If subtracted __, then an open sentence can be formed. What is the open sentence?

Ans. $3793 - \underline{\quad} = 1087$

30. Which one is correct?

(a) $104 > 96$

(b) $104 = 96$

(c) $96 > 104$

(d) None or above

Ans. (a)

31. $(36 \underline{\quad} 4) \times 5 - 7 = 38$

Ans. \div