



ANNUAL EXAMINATION (2019-2020)

WORKSHEET-I

Subject: Mathematics

Class: VII

BLOCK-1

1. Arrange the following numbers in ascending order:

12, 21, 23, -23, -16, -12, -21

2. Integers to the right on a number line are ----- than the integers to the left.

3. The additive inverse of 333 is -----

4. Fill the patterns

a) -12, -10, -8, -6, -----, -----

b) -2, -5, -7, -11, ---, ---, -----

c) 10, 5, 0, -5, ----, -----

5. Use the number line to find the answer

a) -5 less than -1

b) 6 more than 4

6. Find the sum of -75 and 150.

7. $(+6) + (+12) = \text{-----}$

8. $(-8) + (+16) = \text{-----}$

10. Subtract:

a) $-165 - (-131)$

b) $-62 - (+15)$

c) $-(-567)-(-4325)$

11. Simplify: $(-465)-(-323)+(+324)$

12. Find the sum of 89,(-112) and (12)

13. Multiply the following:

a) -7×-9

b) -100×321

c) -168×82

d) $-12 \times -4 \times -3$

14. Fill in the blanks with $>, <, =$

a) $4 \text{ ----- } 0$

b) $0 \times (-45) \text{ ----- } 100 \times (-23)$

15. Verify $a-(-b)$ when $a=10$ and $b=4$

16. The maximum temperature in the month of march was 45°C . In may it rise by 5°C , but in june due to rainfall , the maximum temperature fell by 3°C . What was the temperature in june?

17. Ammu bought 3 chocolates for $\square 30$. Earlier the price of 3 chocolates was $\square 15$. Find the increase in the price of the chocolate?

BLOCK-10

18. Solve the equation using trial and error method

a) $x+3=7$

b) $2x+3=13$

c) $3p+3=12$

19. Solve $7x-3=11$ by performing the same operations on both sides?

20. Solve the equations using transposing method.

a) $8x+3=19$

b) $\frac{2p}{6} = 5$

$$c) \frac{a}{5} + 3 = 2$$

$$d) 7m + \frac{19}{2} = 13$$

21. Solve the equations:

a) $2(x + 3) - 4 = 12$

b) $5(p - 2) = 4$

c) $3(t+2)+4=16$

22. The equation form of the statement one-fifth of p is 5 more than 8 is-----.

23. Frame two equations for the solution:

a) $x=4$

b) $y=8$

24. Express in equation: A number divided by 2 and then increased by 5 is 9.

25. Two-third of a number is greater than one-third of a number by 3. Find the number?

26. Anju thinks of a number. if she takes away 7 from $\frac{5}{2}$ of the number, the result is 23.
Find the number?

27. Five more than half of Rita's age is equal to 15. What is Rita's age?

28. Twice a number increased by 6 is 10. What is the number?

29. A girl is 28 years younger than her father. The sum of their ages is 50 years. Find the age of the girl and her father?

30. The sum of twice a number and 12 is 38. What is the number?

31. Amans age is 16 less than 4 times his friends age. Find his friends age if Amans age is 12 years old.

32. The height of the tree is 15m more than thrice the height of a tower, Find the height of the tower, if the tree is 255m tall.