



PON VIDYASHRAM GROUP OF CBSE SCHOOLS
ANNUAL EXAMINATION (2017-18)
MATHS WORKSHEET

Name: _____

Date: _____

Roll No: _____

Std: VI Sec: _____

ANSWER THE FOLLOWING QUESTIONS:

1. How will you indicate the following statements using +ve or -ve sign?
 - I. A withdrawal of Rs.1000 from the account.
 - II. 3° below 0° .
 - III. 5° above 0° .
 - IV. 3cm above the water level.
 - V. 7°c below the freezing point.
 - VI. A loss of Rs.500
 - VII. A gain of Rs.100
2. Add $9+(-3)$ on the number line.
3. The sum of two integers is -31. If one of them is 240, find the other.
4. Simplify: $64+[-(-20)-(-50)]-(-6)$
5. Subtract the sum of -28 and 31 from the difference of -69 and -72.
6. Reduce the fraction $\frac{150}{375}$ into its lowest form.
7. The teacher taught $\frac{3}{5}$ of the book. Mukul revised $\frac{1}{5}$ more on his own. What fraction of the book Mukul still have to revise?
8. Simplify: $7\frac{1}{4} + 3\frac{1}{5} - 2\frac{3}{10}$
9. Write each of the following as a decimal:
 - I. $500 + 40 + 3 + \frac{2}{100}$
 - II. $\frac{7}{10} + \frac{6}{100} + \frac{4}{1000}$
10. Rashid spent Rs.35.75 for maths book and Rs.32.60 for science book. Find the total amount spent by Rashid.
11. Preeti went to the market with Rs.5000 in cash. Out of this money, she purchased one trouser costing Rs.1450, one shirt costing Rs.580.75 and one pair of shoes costing Rs.783.50. How much money is left with her?
12. Arrange the following numbers in ascending order:
5.27, 4.32, 3.050, 0.168, 2.163
13. Find the value of x, if $x:5::27:15$
14. Are the numbers 4, 10, 6, 15 in proportion?

15. The price of 3 metres of cloth is Rs.79.50. Find the price of 15 metres of such cloth.
16. Write three equivalent ratios of 4:24
17. Divide Rs.1170 among a, b and c in the ratio 2:7:4
18. The area of a rectangular field is 2403m^2 and its length is 54 metres. Find its breadth and perimeter.
19. A marble tile measures $10\text{cm} \times 12\text{cm}$. How many tiles will be required to cover a wall of size $3\text{m} \times 4\text{m}$?
20. A square hall has a side 15.6m. Find the cost of polishing the floor at the rate of Rs.30.50 per m^2 .
21. Draw an angle equal to 120° . Draw the bisector of this angle.
22. Draw an angle of measure 135° and divide it into four equal parts.
23. Draw and define: Types of Triangles.
24. Write the following expressions in terms of variables and constants.
 - I. z subtracted from y
 - II. 3 times the sum of a and b
 - III. 7 increased by x
 - IV. 3 times p divided by 2 times q
25. One pencil costs Rs.2 and one fountain pen costs Rs.15. What is the cost of x pencils and y fountain pens?
26. Mrs.Simha wants to cover the floor of her kitchen with tiles. The length and breadth of the kitchen are 5m and 3m respectively. The length and breadth of each tile is 20cm and 15cm. Find the number of tiles required to pave the floor.
27. If there are 60 pencils in a box, how will you write the total number of pencils in terms of the number of boxes?
28. How many right angles do you make if you face:
 - I. North and turn clockwise to East?
 - II. West and turn clockwise to North?
29. How many degrees are there in 3 right angles?
30. Pick out the solution from the values given in the bracket next to each equation. Show that the other values do not satisfy the equation. $n+12=20$ (9, 12, 8, 20)

