

ST. THOMAS SCHOOL, INDIRAPURAM
WORKSHEET (FEB-2020)
CLASS -V, MATHEMATICS

Q1. Fill in the blanks:

- i) The unit for measuring angle is _____
- ii) The number of vertices in cylinder is _____
- iii) 6912 dl = _____ kl
- iv) Representation of data using pictures is called _____
- v) 25, 125, 625, _____, _____
- vi) $8.15 \times \text{_____} = 815$
- vii) Perimeter of rectangle = $2 \times (\text{_____} + \text{_____})$
- viii) Volume of cube of edge 9cm is _____
- ix) 16, 18, 22, 28, _____, _____
- x) $765.012 - 9.23 = \text{_____}$

Q2. Find the volume of the cuboidal water tank whose length, breadth and height are 5 m, 2.5 m and 4m respectively.

Q3. A sweet box is full when it contains 20 sweets of cubical shape of edge 7 cm. Find the volume of box?

Q4. Perimeter of rectangle is 140 cm. If its length is 40cm, find its breadth?

Q5. Fill the magic squares using numbers 1 to 9. The sum of each line is 15.

Q6. Name solid with:

- i) No Vertex
- ii) No edge
- iii) Four triangular faces
- iv) 2 circular edge

Q7. What is the secret number:

- i) It is smaller than half of 100.
- ii) It is more than 4 tens and less than 5 tens.
- iii) The tens digit is two more than the ones digit.
- iv) Together the digits have a sum of 6.

Q8. Write three more steps of pattern:

$$\begin{array}{rclclcl}
 1 + 3 & = & 4 & = & 2 \times 2 \\
 1 + 3 + 5 & = & 9 & = & 3 \times 3 \\
 1 + 3 + 5 + 7 & = & 16 & = & 4 \times 4
 \end{array}$$

Q9. The perimeter of a square field is 324 m. Find its area?

Q10. Draw the following solid shapes and its net:

- i) Square Pyramid
- ii) Triangular Pyramid
- iii) Cone
- iv) Cylinder
- v) Cube

Q11. Write the number of faces, edges and vertices of the following shapes.

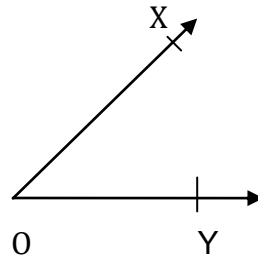
- ii) Cube
- ii) Cone
- iii) Cylinder
- iv) Square Pyramid
- vi) Triangular Pyramid

Q12. If the area of a rectangle is 336sqm. and length is 28m. Find its breadth?

Q13. Draw a figure using 3 points which are not in a line. Name the figure?

Q14. From the figure, write the name of:

- i) The angle
- ii) Arms of the angle
- iii) Vertex of the angle



Q15. Construct the following angles using a protractor and name them:

- i) 120°
- ii) 50°

Q16. Find the complement of:

- i) 80°
- ii) 20°

Q17. Find the supplement of

- i) 135°
- ii) 100°

Q18. Mohit conducted a survey. He asked 80 children which game they like. The data is given below:

Games	Basketball	Football	Cricket	Badminton
No. of Students	15	30	25	10

Draw a bar graph to show the above data

Q19. Convert into equivalent fraction and then in decimals:

- i) $\frac{1}{4}$
- ii) $\frac{3}{50}$
- iii) $\frac{7}{20}$
- iv) $\frac{19}{125}$

Q20. Solve:

$$36.215 + 18.415 - 9.32$$

Q21. Convert:

- i) 4.568 m \longrightarrow Km. and m
- ii) 631 mg \longrightarrow gram

Q22. Write equivalent fractions:

7.83, _____, _____
3.95, _____, _____

