

# Practice Work Sheet Class-VIII



- Write the following in standard form  
(a) 0.000000789                      (b) 0.000123                      (c) 5.601 023                      (d) 23.02560
- If the cost of 18 oranges is ₹72.  
(a) What will be the cost of one dozen oranges?  
(b) How many oranges can be bought by ₹556?
- Find  
(a) Total surface area of a cuboid whose dimensions are  $12m \times 10m \times 3.5m$   
(b) Volume of a rectangular box with length  $7x$ , breadth  $3y^2$  and height  $2z^3$ .
- In a trapezium the distance between the parallel sides is 16cm and its area is  $128m^2$  find the sum of its parallel sides.
- Find each angle of the parallelogram given in the following questions and write the property applied in the solution.  
(a) Two adjacent angles of a parallelogram are in the ratio 2:3.  
(b) Two adjacent angles of a quadrilateral are  $70^\circ$  and  $110^\circ$ . The other two angles are equal.
- Write  
(a) Multiplicative inverse of  $\left(\frac{5}{9}\right)^4$   
(b) Additive inverse of  $\frac{-7}{9}$   
(c) Find the sum of (a) and (b)
- Name the following specific points in graph representation  
(a)  $x$  co-ordinate  
(b)  $y$  co-ordinate  
(c) Intersecting point of axes.
- Find the HCF of  
(a)  $9pqr, 54p^2qs$  and  $72pq$   
(b)  $13klm, 104k^2$  and  $23mn$
- Solve the following equation  
(a)  $\frac{3x}{5} + \frac{11x}{15} + = 4$   
(b)  $3(x-2) + 5(x+3) = 2x-3$
- Find the area of a rhombus whose  
(a) Diagonals are 24 cm and 32cm  
(b) Base is 12 cm and height is 6 cm
- Name the quadrilateral  
(a) Which is both a rectangle and a rhombus is called  
(b) All angles are rectangle and all side are equal  
(c) Only one pair of opposite sides are parallel.
- If each side of a cube is doubled, then  
(a) Find the ratio of volume of new cube to the volume of original cube.  
(b) Find the ratio of surface area of new cube to that of original cube.