

WORK SHEET
SUBJECT- SCIENCE
Chapter 15– VISUALISING SOLID SHAPES

CLASS- VII

- Q1. Draw the nets of a cube , cuboid & cylinder.
Q2. A line where two faces of a solid meet is called its -----.
Q3. A cylinder has -----faces , -----vertices & -----edges.
Q4. A cube has -----faces , -----vertices & -----edges.
Q5. The corner where three faces of a solid meet is called its -----.
Q6. All solid figure have -----dimensions.
Q7. The flat surface of a solid are called its -----.
Q8. A pyramid is a -----dimensional figure.
Q9. A tetrahedron is also named as a -----.
Q10. A rectangular prism is also called a -----.
Q11. Which of these nets matches with that of a cone ?



Q12. What cross – section do you get when you give a

- (i) vertical cut (ii) horizontal cut

to the following solids ?

- (a) A brick (b) A round apple (c) A die (d) A circular pipe (e) An ice cream cone (f) A joker cap

Q13. A bulb is kept burning just right above the following solid. Name the shape of the shadows obtained in

each case .Attempt to give a rough sketch of the shadow.

- (a) A brick (b) A round apple (c) A die (d) A circular pipe (e) An ice cream cone (f) A joker's cap
(g) A ball

Q14. The dimensions of a cuboid are 5 cm ,3 cm & 2 cm . Draw three different isometric sketches of this cuboid .

Q15. Three cubes each with 2 cm edge are placed side by side to form a cuboid . Sketch an oblique & isometric sketch of this cuboid .