

CLASS TEST

17/02/25

CHAPTERS : Simple Equations & VSS

F.M 8 15

Time : 40mins

1. Name the solid having one curved and two flat faces but no vertex. [1]
2. Write down the number of edges, faces & vertices of the following solid figures:
 - (a) Triangular prism
 - (b) Tetrahedron
 - (c) Sphere
 - (d) Square Pyramid [1½ × 4 = 6]
3. What cross-section do you get when you give a vertical cut to a square pyramid? [1]
4. Draw a net of a triangular prism. [1]
5. Why a cone is not a pyramid? [1]
6. The present age of a son is half the present age of his father. Ten years ago, the father was thrice as old as his son. What are their present age? [2.5]

7.

Solve the equation

$$3(9y - 2) + 4(2y - 7) - 8(4y - 9)$$

$$= 9(2y - 3)$$

$$- 6(3y + 7)$$

$$[2.5]$$