EduSahara™ Worksheet

Name : Chapter Based Worksheet

Chapter : Visualising Solid Shapes

Grade : CBSE Grade VIII

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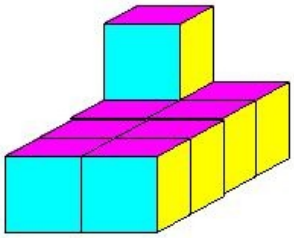
1. The number of vertices in a square pyramid are

   (i) 4 (ii) 3 (iii) 8 (iv) 5 (v) 6

2. Which of the figures represent the side view of the given 3-D figure?



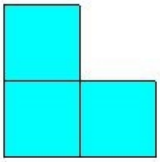


figure 1

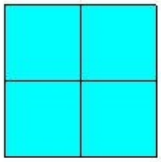


figure 2

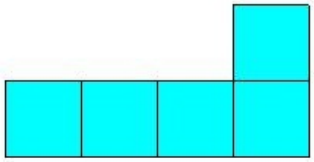


figure 3

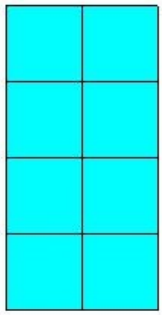
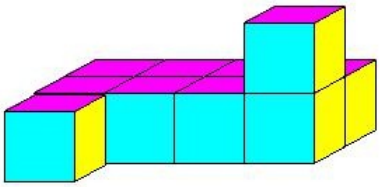


figure 4

   (i) figure 2 (ii) figure 4 (iii) figure 1 (iv) figure 3

3. Which of the figures represent the side view of the given 3-D figure?



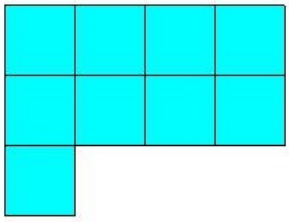


figure 1

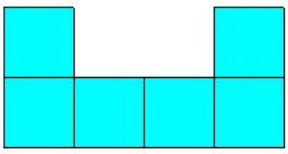


figure 2

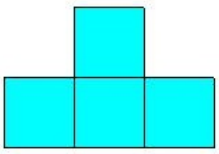


figure 3

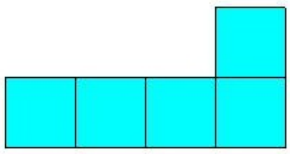
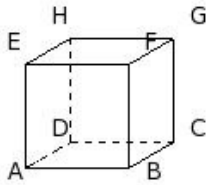


figure 4

   (i) figure 1 (ii) figure 3 (iii) figure 2 (iv) figure 4

4. Identify the figure below

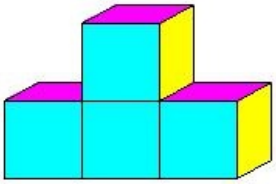


(i) cylinder (ii) sphere (iii) cone (iv) cube (v) triangular prism

5. The number of vertices in a triangular pyramid are

(i) 3 (ii) 7 (iii) 5 (iv) 4 (v) 2

6. Which of the figures represent the front view of the given 3-D figure?



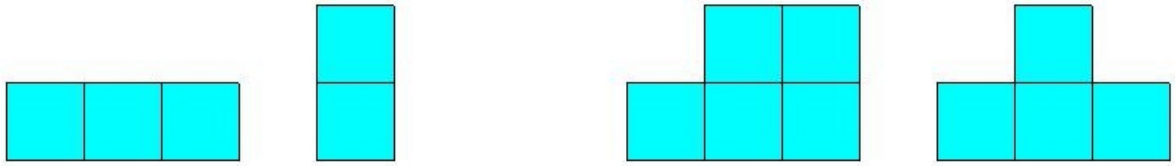
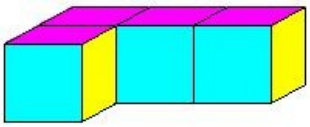


figure 1 figure 2 figure 3 figure 4

(i) figure 2 (ii) figure 4 (iii) figure 3 (iv) figure 1

7. Which of the figures represent the side view of the given 3-D figure?



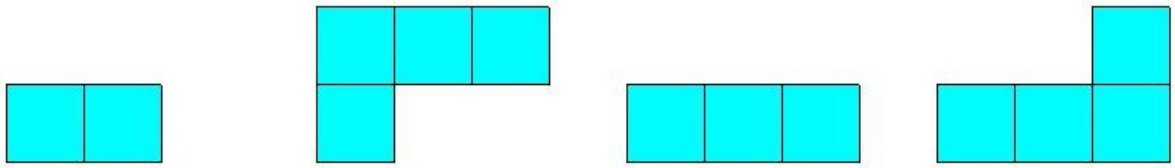
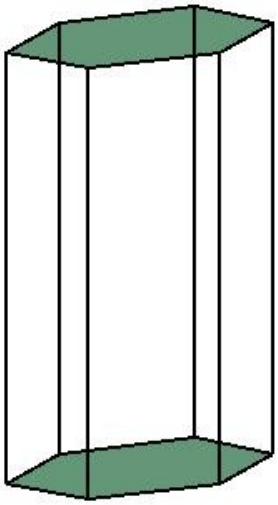


figure 1 figure 2 figure 3 figure 4

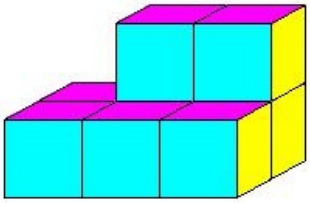
(i) figure 2 (ii) figure 1 (iii) figure 3 (iv) figure 4

8. Find the number of vertices present in the given polyhedron



(i) 11 (ii) 12 (iii) 14 (iv) 13 (v) 9

9. Which of the figures represent the front view of the given 3-D figure?



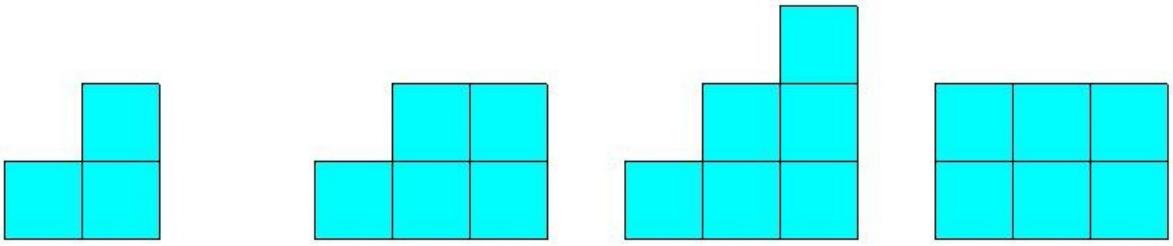
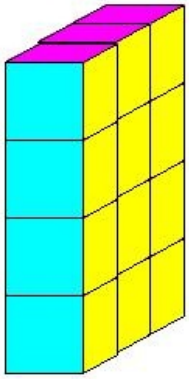


figure 1 figure 2 figure 3 figure 4

(i) figure 3 (ii) figure 1 (iii) figure 2 (iv) figure 4

10. Which of the figures represent the top view of the given 3-D figure?



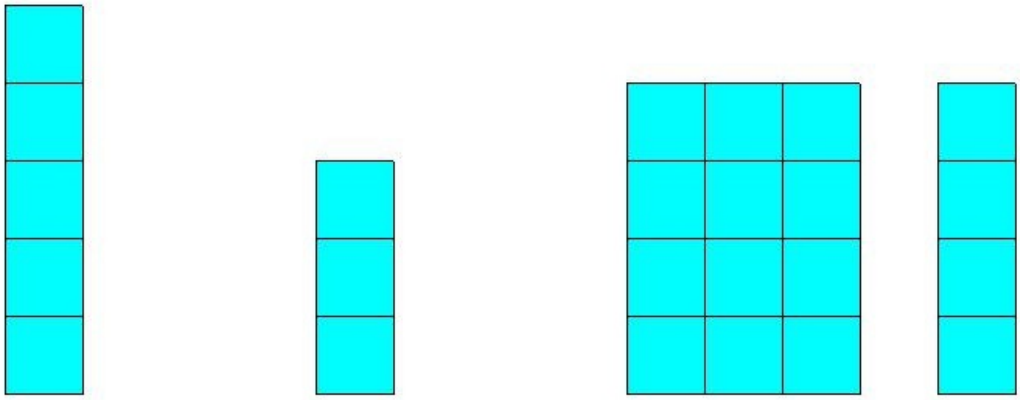
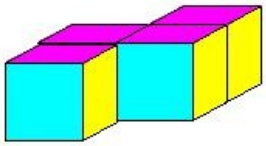


figure 1 figure 2 figure 3 figure 4

(i) figure 4 (ii) figure 2 (iii) figure 3 (iv) figure 1

11. Which of the figures represent the side view of the given 3-D figure?



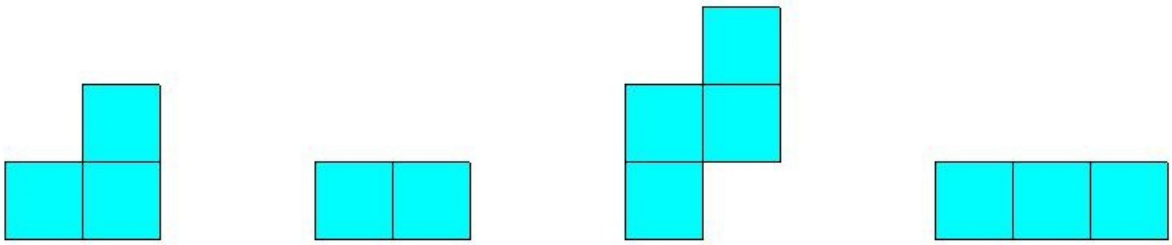
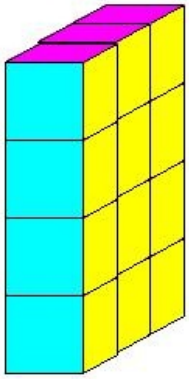


figure 1 figure 2 figure 3 figure 4

(i) figure 3 (ii) figure 2 (iii) figure 1 (iv) figure 4

12. Which of the figures represent the side view of the given 3-D figure?



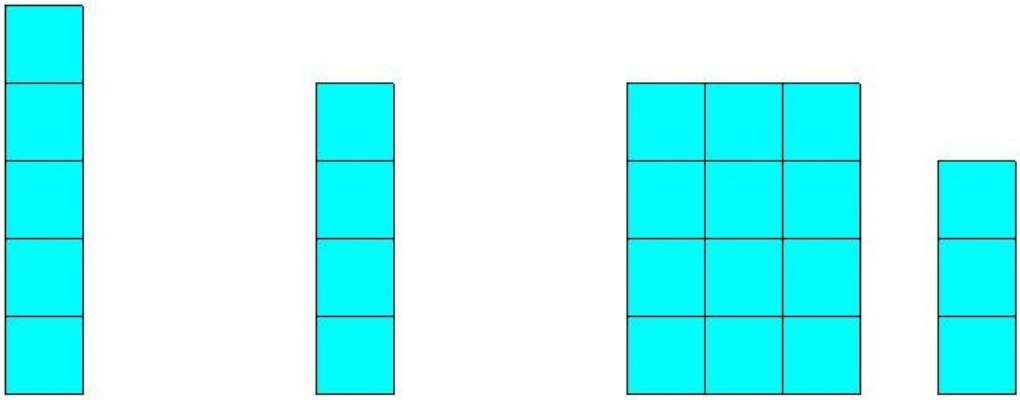
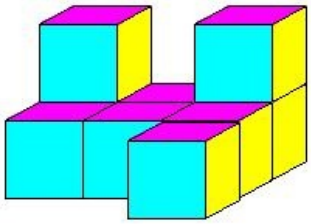


figure 1 figure 2 figure 3 figure 4

(i) figure 2 (ii) figure 4 (iii) figure 3 (iv) figure 1

13. Which of the figures represent the top view of the given 3-D figure?



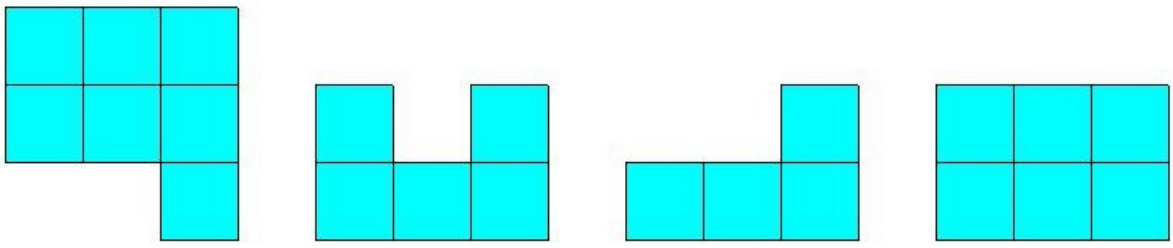
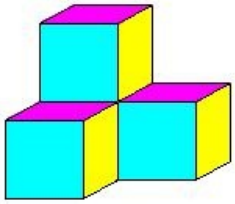


figure 1 figure 2 figure 3 figure 4

(i) figure 4 (ii) figure 1 (iii) figure 3 (iv) figure 2

14. Which of the figures represent the top view of the given 3-D figure?



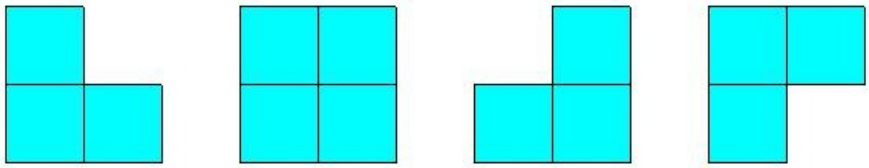


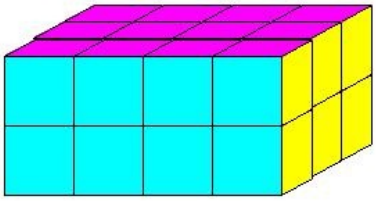
figure 1 figure 2 figure 3 figure 4

(i) figure 1 (ii) figure 2 (iii) figure 3 (iv) figure 4

15. The number of edges in a square pyramid are

(i) 8 (ii) 9 (iii) 11 (iv) 5 (v) 7

16. Which of the figures represent the top view of the given 3-D figure?



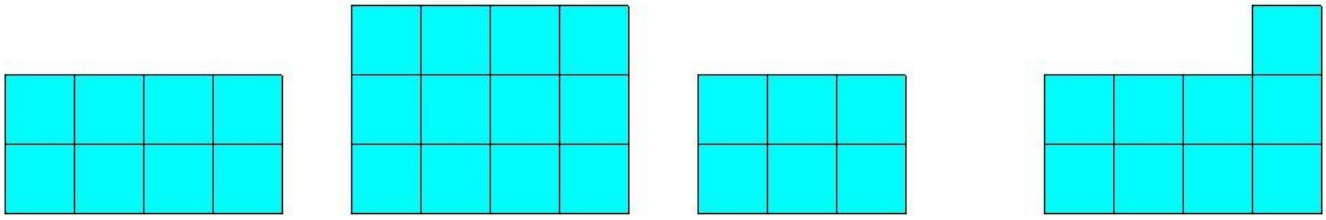
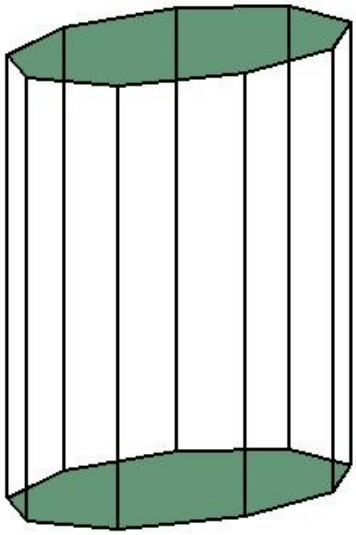


figure 1 figure 2 figure 3 figure 4

(i) figure 1 (ii) figure 2 (iii) figure 3 (iv) figure 4

17. Find the number of edges present in the given polyhedron

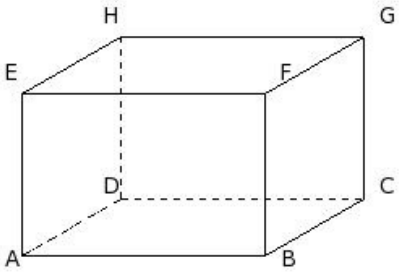


(i) 29 (ii) 28 (iii) 26 (iv) 24 (v) 27

18. The number of edges in a triangular prism are

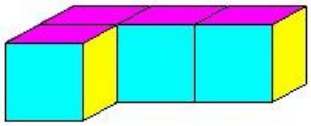
(i) 12 (ii) 10 (iii) 7 (iv) 9 (v) 8

19. Identify the figure below



(i) cone (ii) cube (iii) cylinder (iv) sphere (v) cuboid

20. Which of the figures represent the front view of the given 3-D figure?



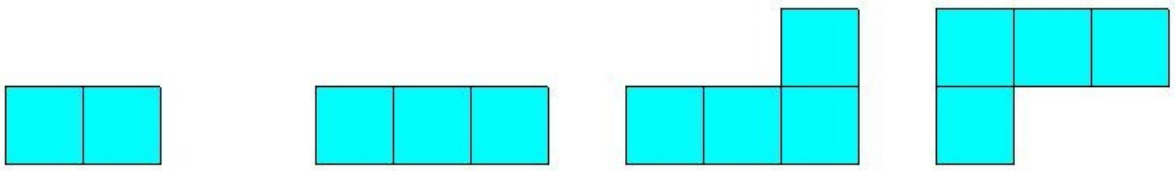
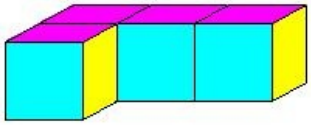


figure 1 figure 2 figure 3 figure 4

(i) figure 3 (ii) figure 2 (iii) figure 1 (iv) figure 4

21. Which of the figures represent the top view of the given 3-D figure?



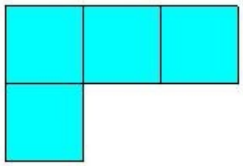


figure 1

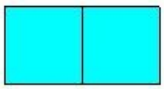


figure 2

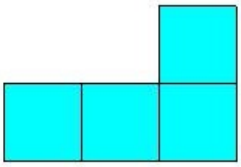


figure 3

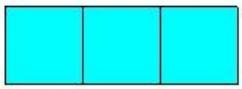


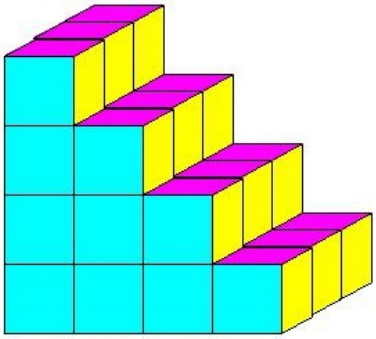
figure 4

(i) figure 3 (ii) figure 2 (iii) figure 1 (iv) figure 4

22. If the number of vertices and edges of a polyhedron are 11 and 20 respectively, find the number of faces

(i) 9 (ii) 10 (iii) 13 (iv) 12 (v) 11

23. Which of the figures represent the top view of the given 3-D figure?



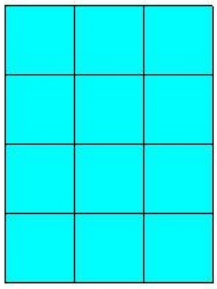


figure 1

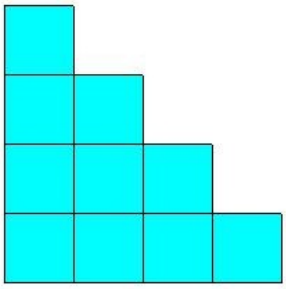


figure 2

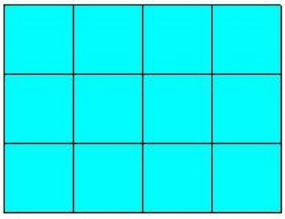


figure 3

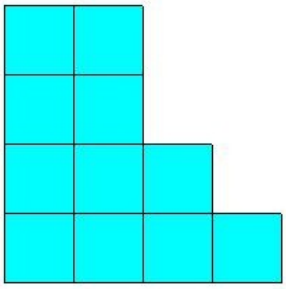


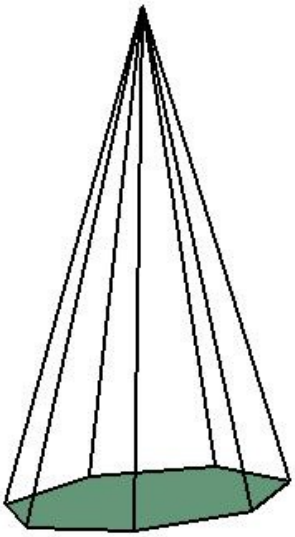
figure 4

(i) figure 1 (ii) figure 3 (iii) figure 4 (iv) figure 2

24. The number of vertices in a cube/cuboid are

(i) 8 (ii) 11 (iii) 5 (iv) 9 (v) 7

25. Find the number of edges present in the given polyhedron



(i) 13 (ii) 11 (iii) 15 (iv) 14 (v) 16

Assignment Key

1) (iv)	2) (iv)	3) (ii)	4) (iv)	5) (iv)	6) (ii)
7) (ii)	8) (ii)	9) (iii)	10) (ii)	11) (iv)	12) (iii)
13) (ii)	14) (iv)	15) (i)	16) (ii)	17) (v)	18) (iv)
19) (v)	20) (ii)	21) (iii)	22) (v)	23) (ii)	24) (i)
25) (iv)					