EduSahara™ Worksheet

Name : Chapter Based Worksheet

Chapter : Visualising 3-D in 2-D

Grade : SSC Grade VIII

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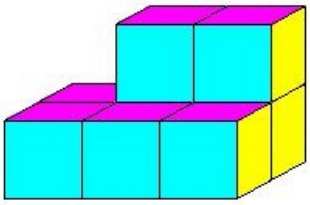
1. The number of vertices in a triangular prism are

   (i) 7 (ii) 3 (iii) 8 (iv) 6 (v) 5

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



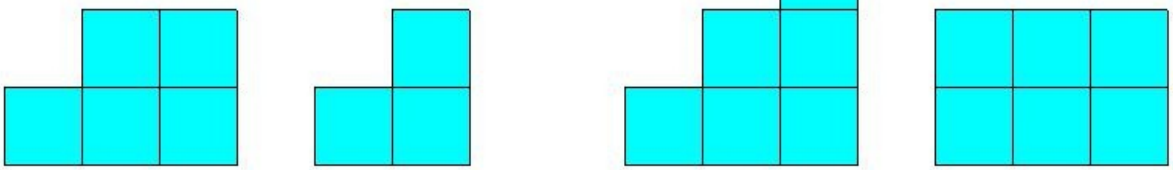
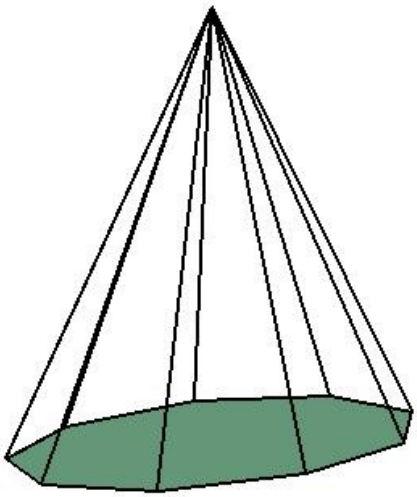


figure 1 figure 2 figure 3 figure 4

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

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

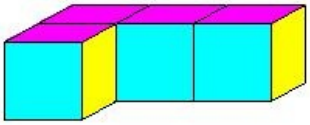


   (i) 7 (ii) 10 (iii) 9 (iv) 11 (v) 13

4. The number of faces in a cube/cuboid are

   (i) 5 (ii) 9 (iii) 6 (iv) 7 (v) 4

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



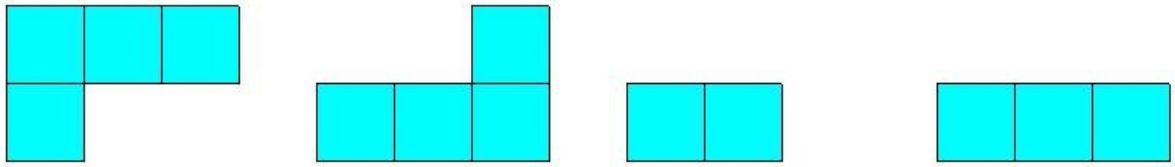
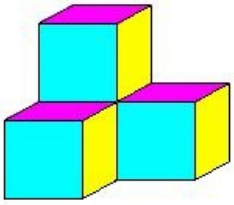


figure 1 figure 2 figure 3 figure 4

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

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



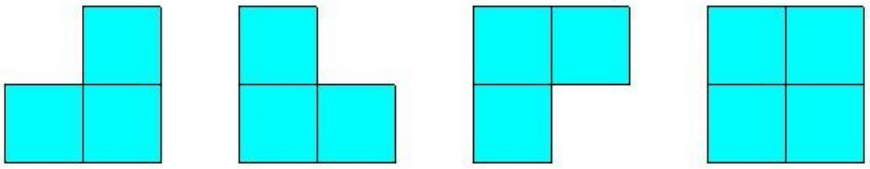
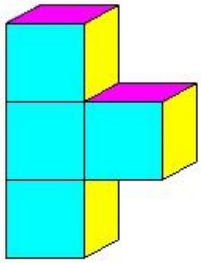


figure 1 figure 2 figure 3 figure 4

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

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



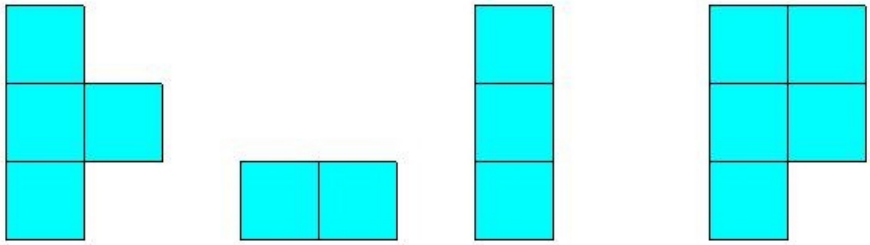


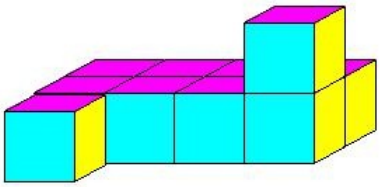
figure 1 figure 2 figure 3 figure 4

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

8. The number of faces in a triangular prism are

(i) 5 (ii) 2 (iii) 4 (iv) 8 (v) 6

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



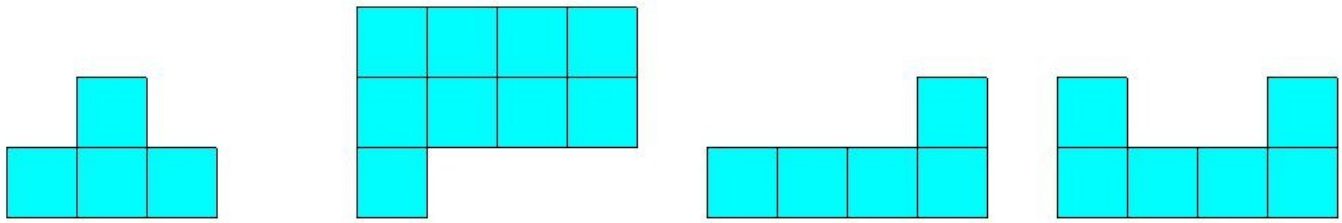
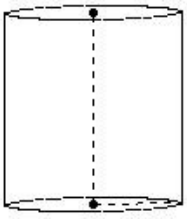


figure 1 figure 2 figure 3 figure 4

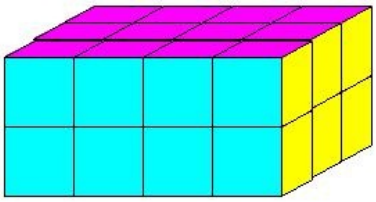
(i) figure 2 (ii) figure 4 (iii) figure 3 (iv) figure 1

10. Identify the figure below



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

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



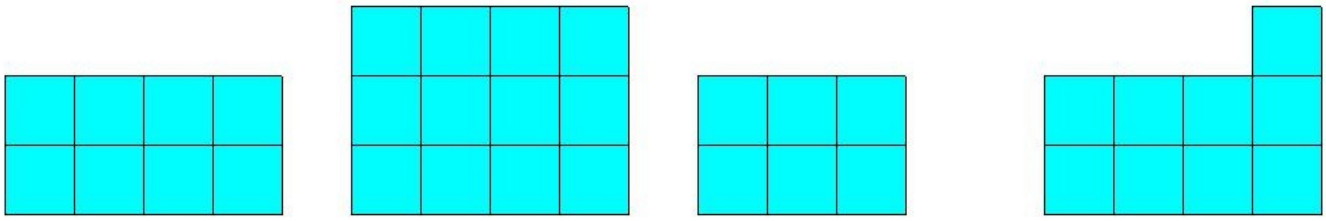
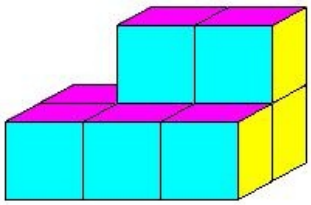


figure 1 figure 2 figure 3 figure 4

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

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



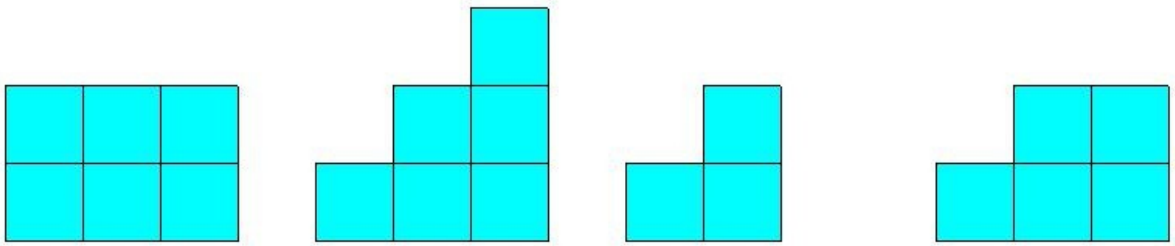


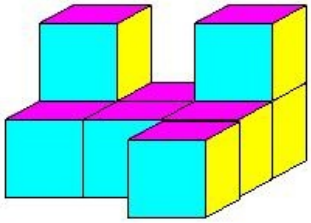
figure 1 figure 2 figure 3 figure 4

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

13. The number of vertices in a triangular pyramid are

(i) 5 (ii) 6 (iii) 1 (iv) 3 (v) 4

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



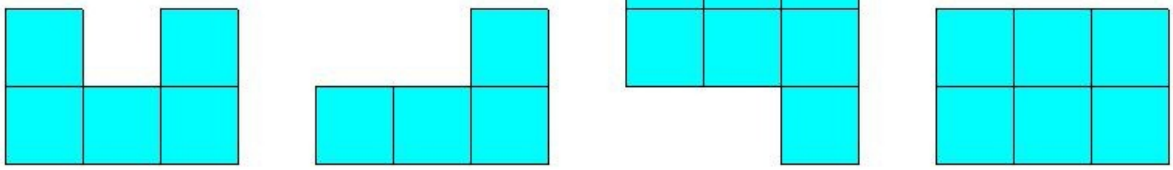
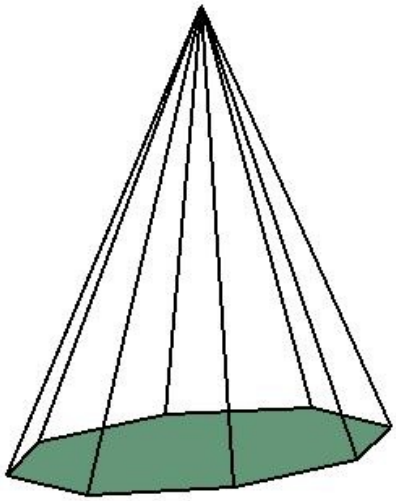


figure 1 figure 2 figure 3 figure 4

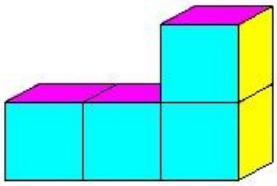
(i) figure 2 (ii) figure 3 (iii) figure 1 (iv) figure 4

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



(i) 17 (ii) 15 (iii) 16 (iv) 18 (v) 14

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



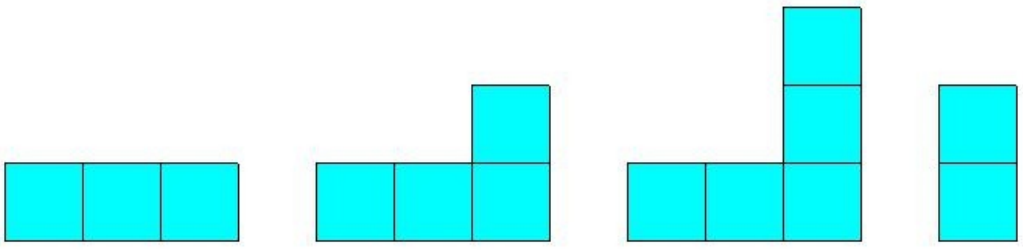
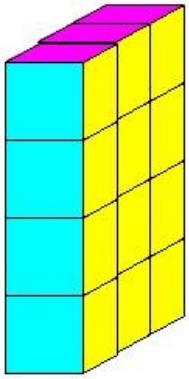


figure 1 figure 2 figure 3 figure 4

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

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



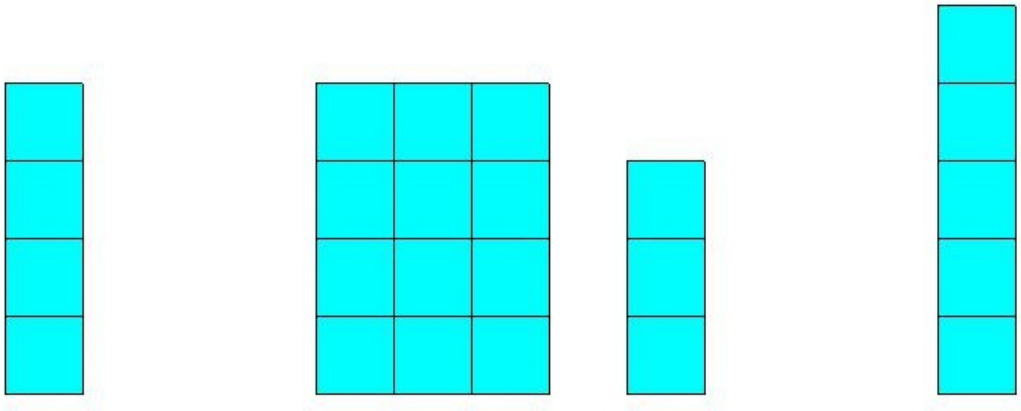
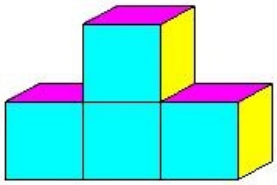


figure 1 figure 2 figure 3 figure 4

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

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



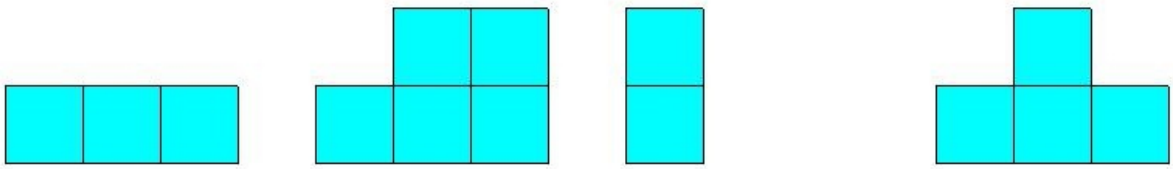
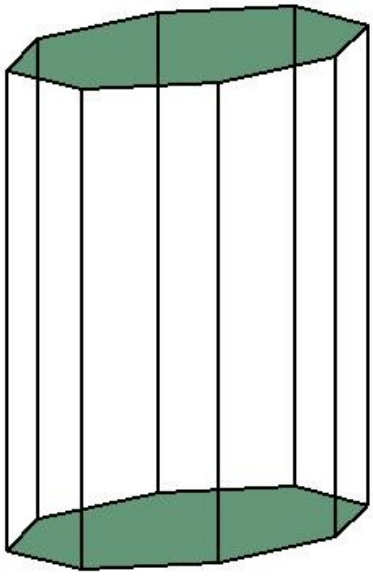


figure 1 figure 2 figure 3 figure 4

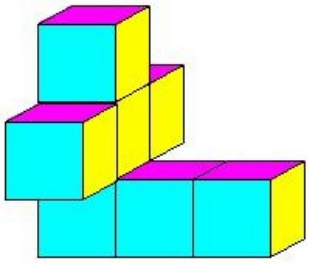
(i) figure 1 (ii) figure 4 (iii) figure 3 (iv) figure 2

19. Find the number of faces present in the given polyhedron



(i) 7 (ii) 12 (iii) 9 (iv) 10 (v) 11

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



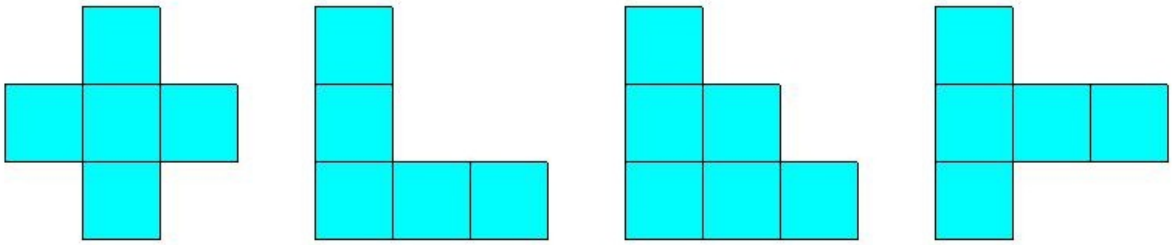
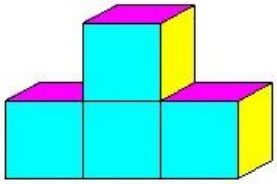


figure 1 figure 2 figure 3 figure 4

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

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



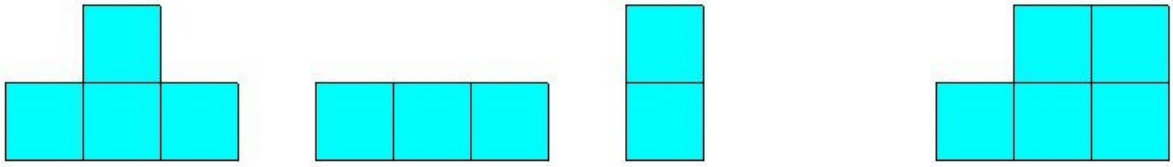
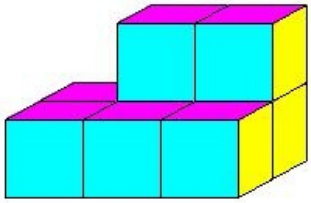


figure 1 figure 2 figure 3 figure 4

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

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



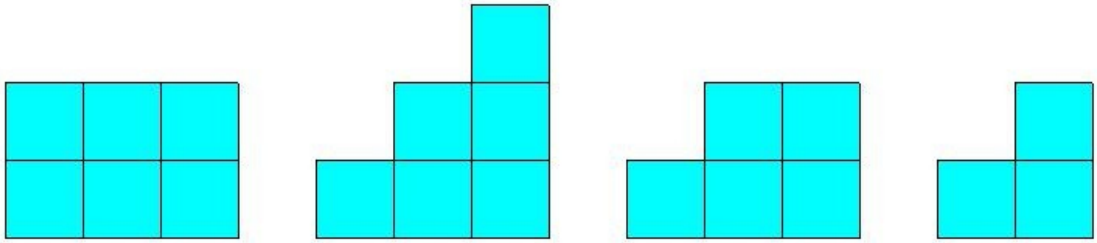


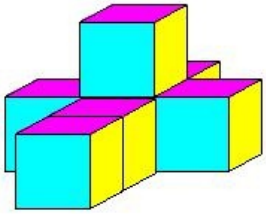
figure 1 figure 2 figure 3 figure 4

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

23. The number of faces in a square pyramid are

(i) 2 (ii) 5 (iii) 4 (iv) 6 (v) 7

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



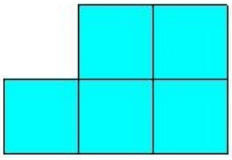


figure 1

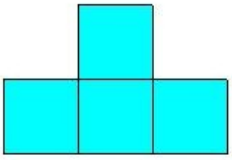


figure 2

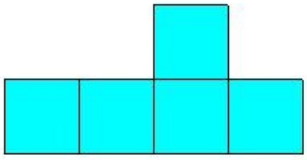


figure 3

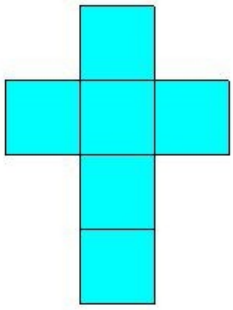
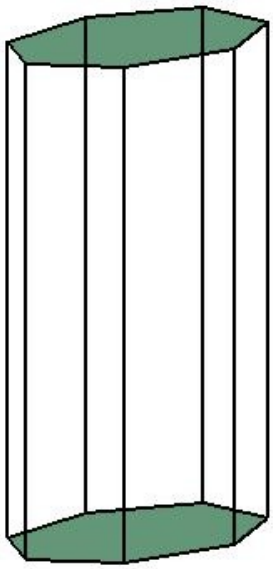


figure 4

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

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



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

Assignment Key

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

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