Name : Chapter Based Worksheet

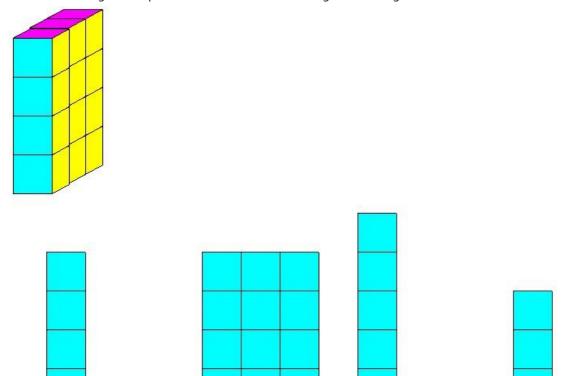
Chapter: Visualising 3-D in 2-D

Grade: SSC Grade VIII

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figure 4

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



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

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

(i) 8 (ii) 10 (iii) 9 (iv) 5 (v) 7

figure 1

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

figure 2

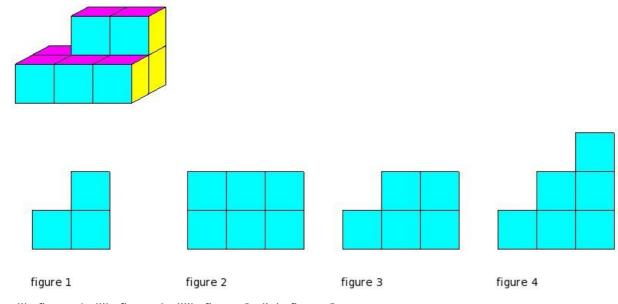
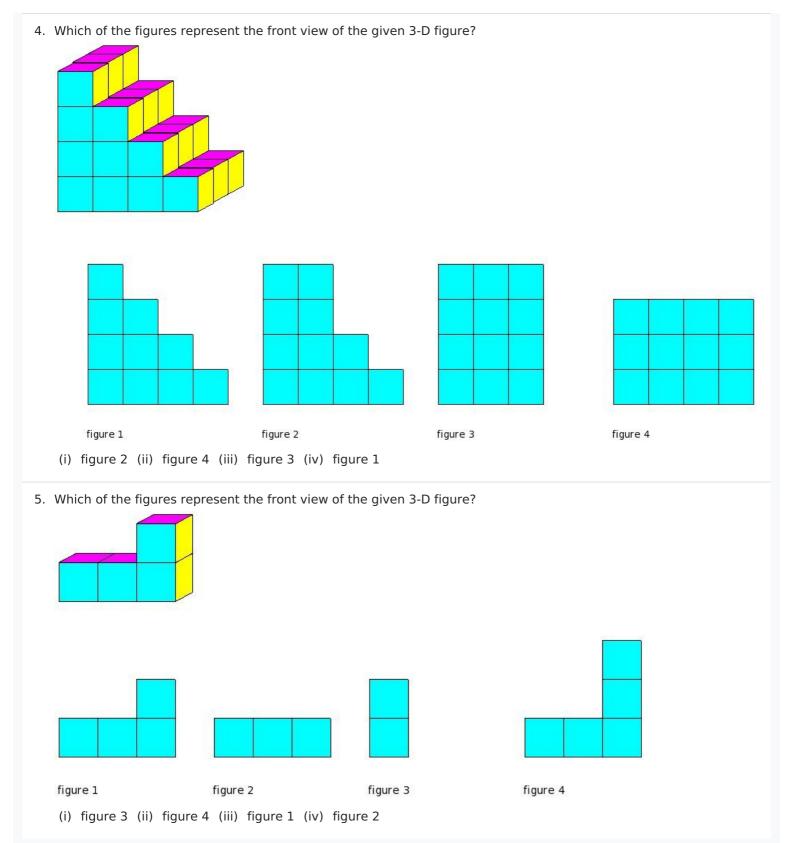
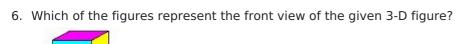
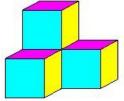


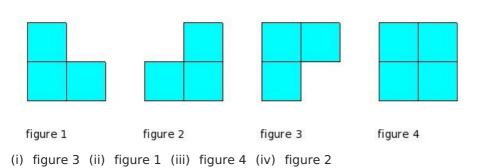
figure 3

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

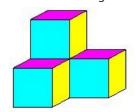


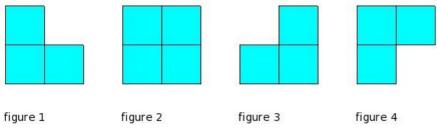




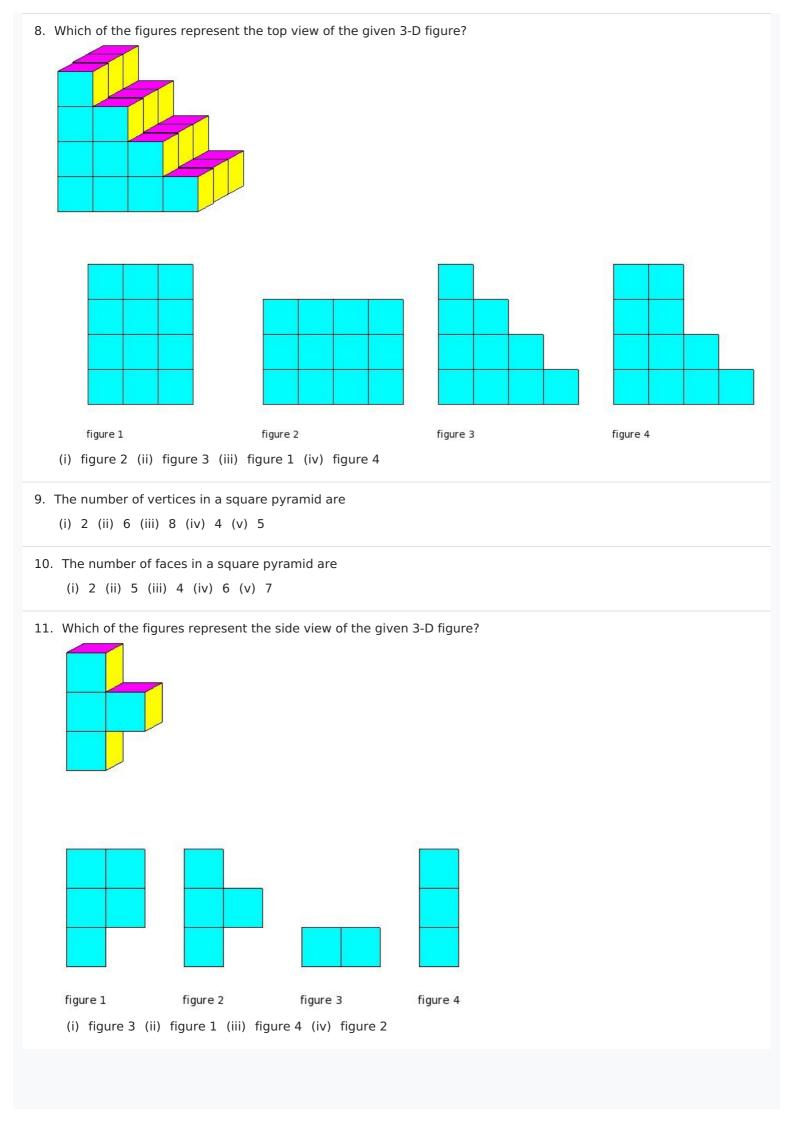


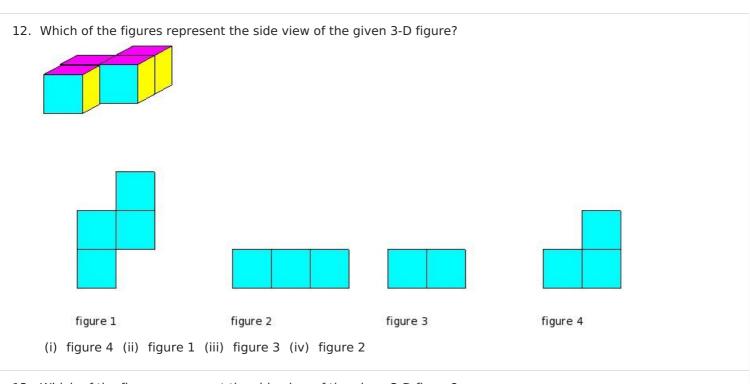
7. Which of the figures represent the side view of the given 3-D figure?



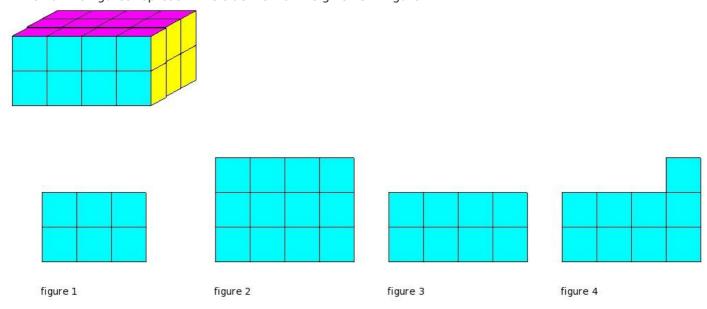


(i) figure 1 (ii) figure 4 (iii) figure 2 (iv) figure 3

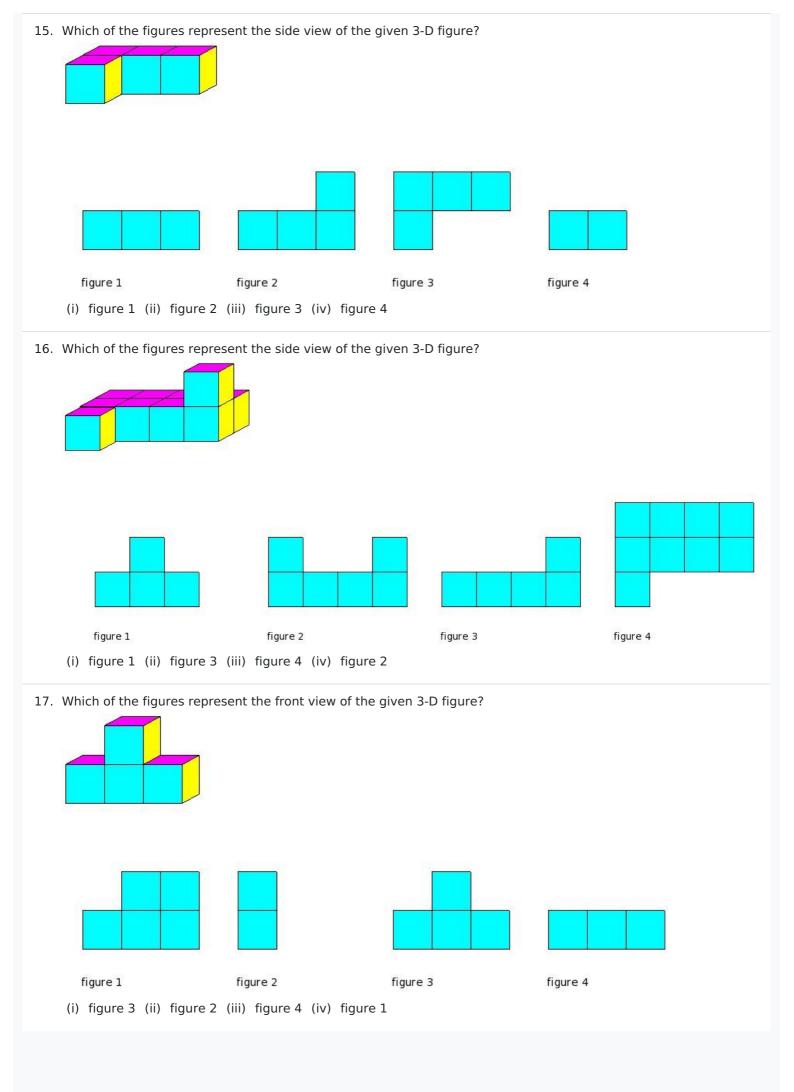


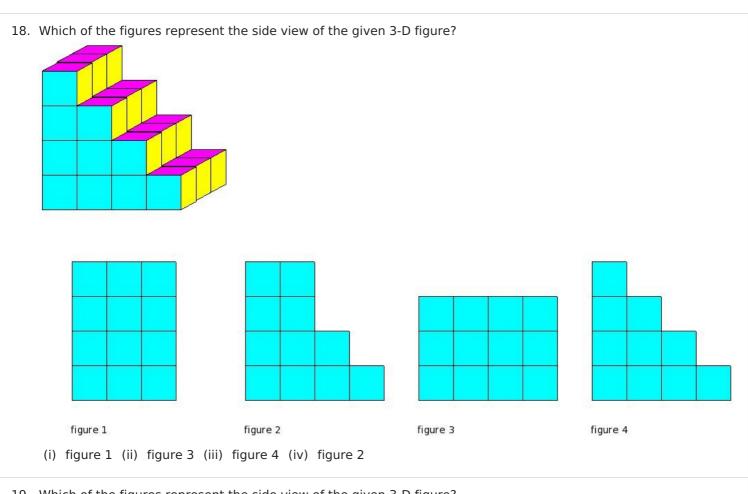


13. Which of the figures represent the side view of the given 3-D figure?

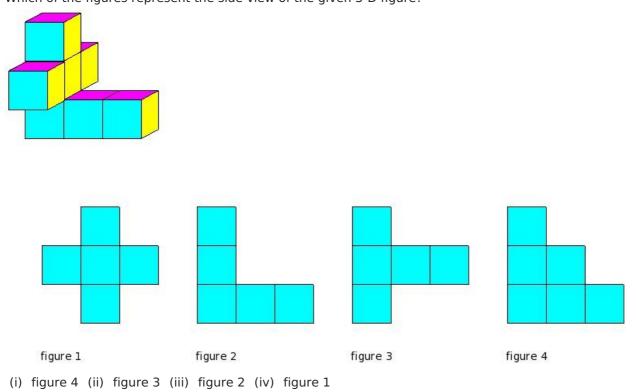


- (i) figure 4 (ii) figure 2 (iii) figure 1 (iv) figure 3
- 14. The number of vertices in a triangular prism are
 - (i) 4 (ii) 5 (iii) 6 (iv) 8 (v) 7

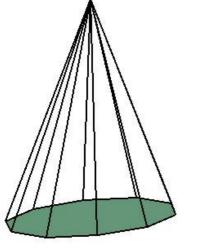




19. Which of the figures represent the side view of the given 3-D figure?

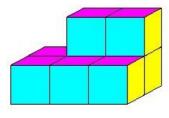


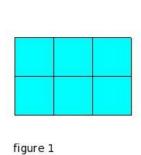
20. Find the number of faces present in the given polyhedron

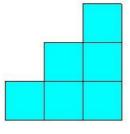


- (i) 9 (ii) 12 (iii) 14 (iv) 10 (v) 11
- 21. The number of edges in a triangular pyramid are
 - (i) 6 (ii) 5 (iii) 4 (iv) 7 (v) 8

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







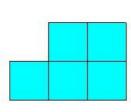


figure 3

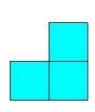
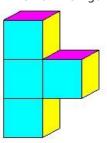


figure 4

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

figure 2

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



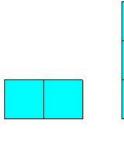


figure 1



figure 2

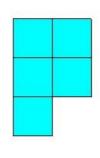


figure 3

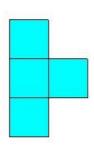


figure 4

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

24. If the number of faces and vertices of a polyhedron are 8 and 12 respectively, find the number of edges

(i) 19 (ii) 16 (iii) 17 (iv) 18 (v) 21

25. Identify the figure below



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

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

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