



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

- (i) 9 (ii) 7 (iii) 11 (iv) 6 (v) 8

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

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

3. The number of edges in a cube/cuboid are

- (i) 10 (ii) 13 (iii) 14 (iv) 12 (v) 11

4. The number of vertices in a triangular prism are

- (i) 6 (ii) 7 (iii) 8 (iv) 4 (v) 5

5. The number of faces in a triangular prism are

- (i) 5 (ii) 6 (iii) 7 (iv) 4 (v) 3

6. The number of edges in a triangular prism are

- (i) 8 (ii) 10 (iii) 9 (iv) 6 (v) 11

7. The number of vertices in a triangular pyramid are

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

8. The number of faces in a triangular pyramid are

- (i) 5 (ii) 6 (iii) 3 (iv) 4 (v) 2

9. The number of edges in a triangular pyramid are

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

10. The number of vertices in a square pyramid are

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

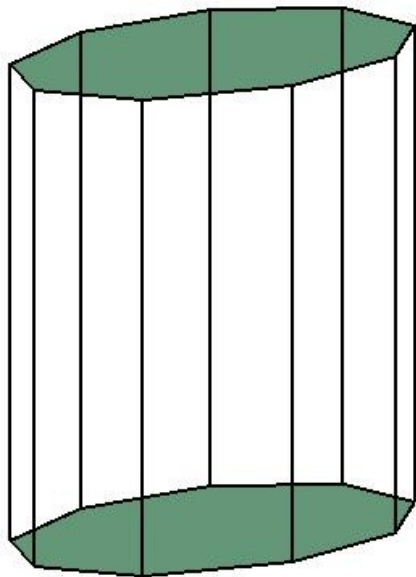
11. The number of faces in a square pyramid are

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

12. The number of edges in a square pyramid are

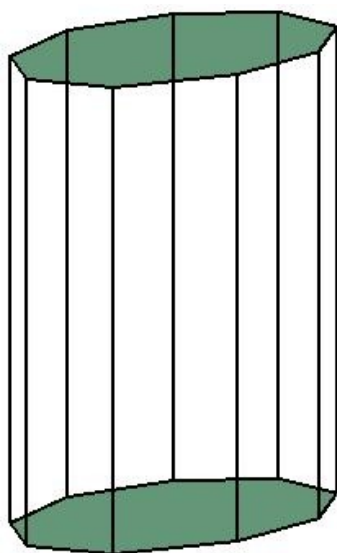
- (i) 5 (ii) 11 (iii) 7 (iv) 9 (v) 8

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



- (i) 20 (ii) 15 (iii) 17 (iv) 19 (v) 18

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



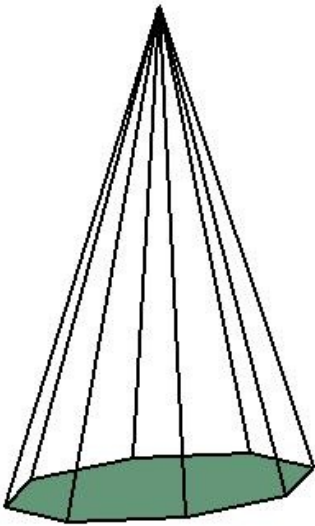
- (i) 14 (ii) 8 (iii) 10 (iv) 11 (v) 12

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



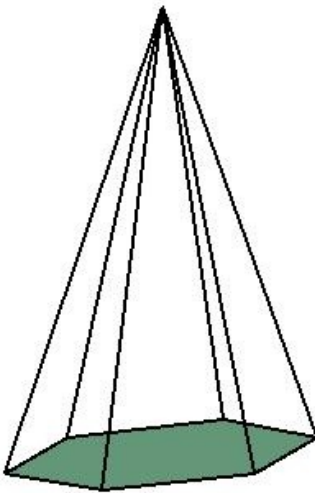
- (i) 11 (ii) 13 (iii) 9 (iv) 12 (v) 14

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



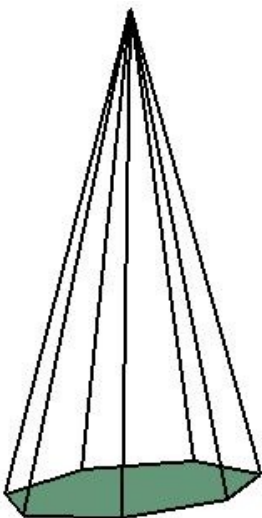
- (i) 9 (ii) 6 (iii) 10 (iv) 8 (v) 12

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



- (i) 6 (ii) 8 (iii) 7 (iv) 5 (v) 10

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



- (i) 14 (ii) 17 (iii) 11 (iv) 15 (v) 13

19. If the number of faces and edges of a polyhedron are 9 and 21 respectively, find the number of vertices

- (i) 14 (ii) 12 (iii) 15 (iv) 13 (v) 16

Assignment Key

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|----------|----------|----------|---------|-----------|----------|
| 1) (v) | 2) (v) | 3) (iv) | 4) (i) | 5) (i) | 6) (iii) |
| 7) (iii) | 8) (iv) | 9) (iii) | 10) (v) | 11) (i) | 12) (v) |
| 13) (v) | 14) (iv) | 15) (iv) | 16) (i) | 17) (iii) | 18) (i) |
| 19) (i) | | | | | |