

**EduSahara™ Learning Center Assignment**

**Grade** : Class VIII, SSC  
**Chapter** : Visualising 3-D in 2-D  
**Name** : 3D Shapes & Concepts  
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1. The number of vertices in a cube/cuboid are

(i) 10 (ii) 6 (iii) 9 (iv) 7 (v) 8

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

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

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

(i) 12 (ii) 9 (iii) 13 (iv) 15 (v) 11

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4. The number of vertices in a triangular prism are

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

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5. The number of faces in a triangular prism are

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

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6. The number of edges in a triangular prism are

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

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7. The number of vertices in a triangular pyramid are

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

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8. The number of faces in a triangular pyramid are

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

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9. The number of edges in a triangular pyramid are

(i) 3 (ii) 5 (iii) 9 (iv) 6 (v) 7

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10. The number of vertices in a square pyramid are

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

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11. The number of faces in a square pyramid are

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

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12. The number of edges in a square pyramid are

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

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## Assignment Key

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- 1) (v)
- 2) (v)
- 3) (i)
- 4) (ii)
- 5) (iv)
- 6) (iii)
- 7) (iv)
- 8) (v)
- 9) (iv)
- 10) (iii)
- 11) (ii)
- 12) (iii)