3D Shape Properties

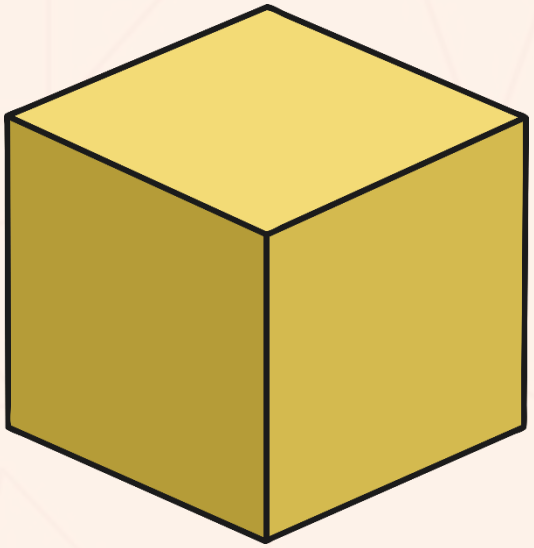
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Quality Standard
Approved

Cube

Cubes have:

- 6 faces;
- 12 edges
- 8 vertices;
- edges that are all the same length.

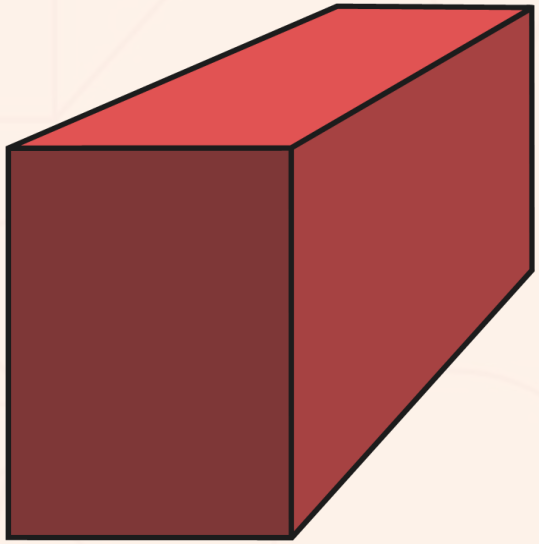


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Cuboid

Cuboids have:

- 6 faces;
- 12 edges
- 8 vertices;
- edges that are **not** all the same length.

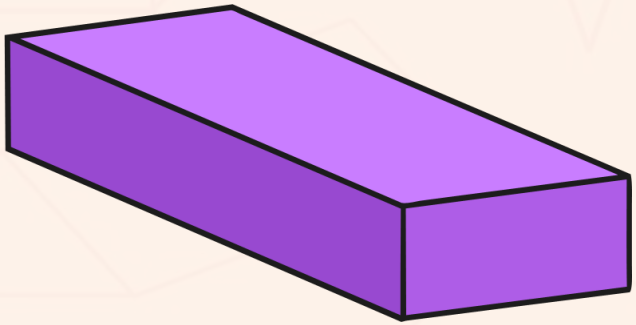


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Rectangular Prism

Rectangular prisms have:

- 6 faces;
- 12 edges
- 8 vertices;
- edges that are **not** all the same length.

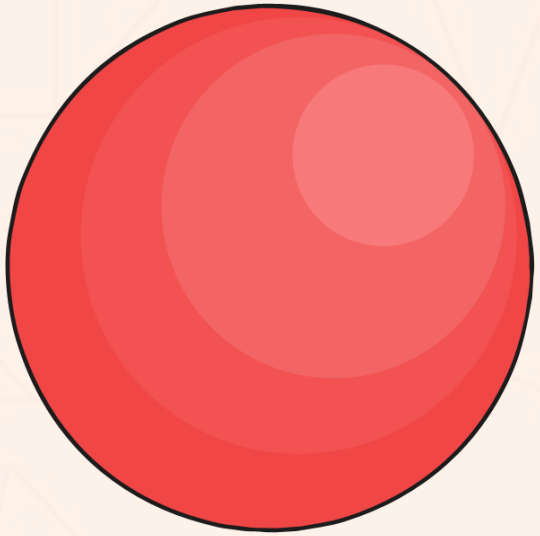


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Sphere

Spheres:

- are perfectly round;
- have no edges;
- have no vertices.
- 1 curved surface

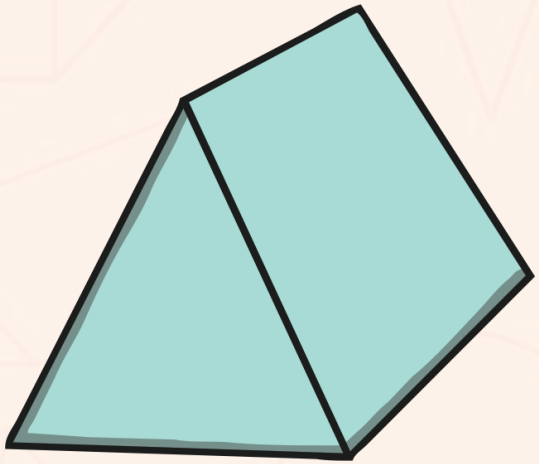


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Triangular Prism

Triangular prisms have:

- 5 faces;
- 2 triangular faces;
- 3 rectangular faces;

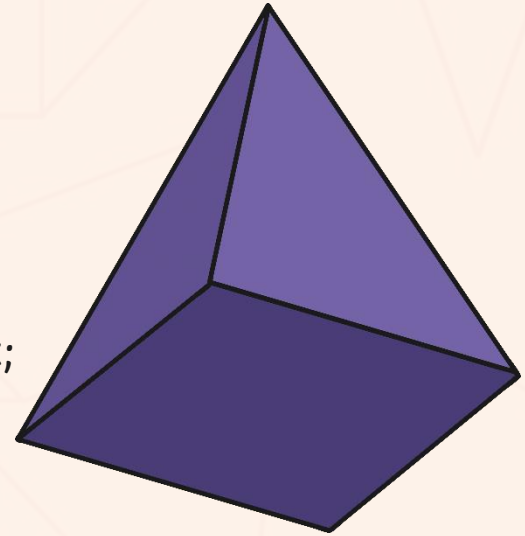


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Square-Based Pyramid

Square-based pyramids have:

- a square base;
- 4 triangular faces that make a sharp point;
- 5 faces.

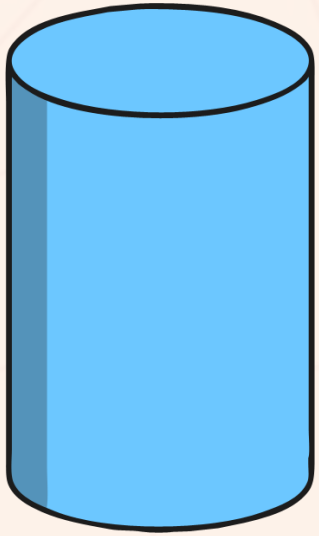


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Cylinder

Cylinders have:

- 2 flat and circular faces;
- 1 curved surface;
- **no** vertices.

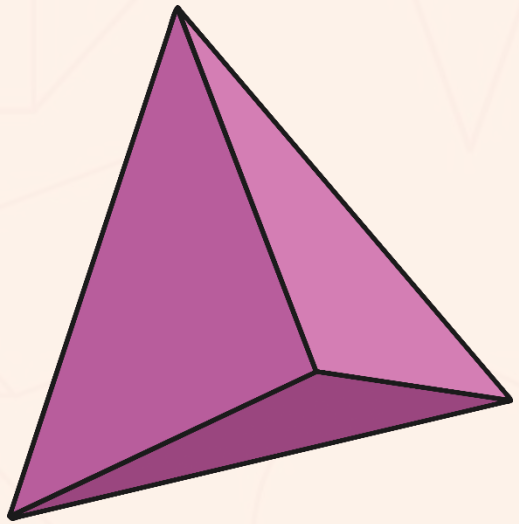


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Tetrahedron
Triangular based pyramid

Tetrahedra have:

- 4 flat and triangular faces;
- 4 vertices;
- 6 edges.

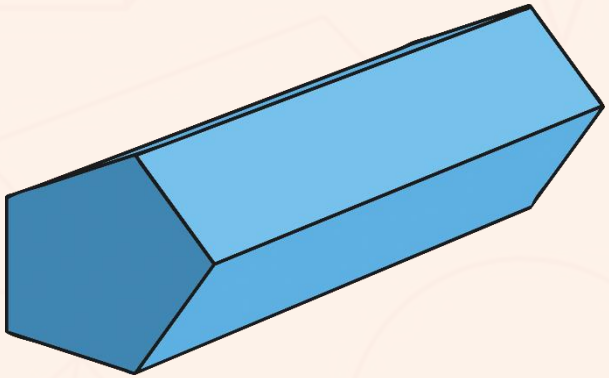


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Pentagonal Prism

Pentagonal prisms have:

- 7 faces;
- 2 pentagonal faces;
- 5 rectangular faces;
- 15 edges;
- 10 vertices

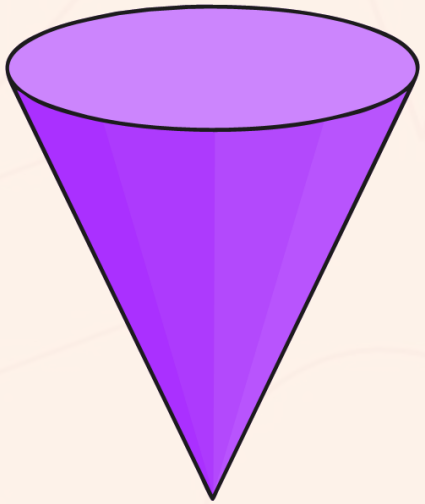


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Cone

Cones have:

- 1 flat face which is a circle;
- 1 vertex;
- 1 edge;
- 1 curved surface.



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