THIRD SPACE
LEARNING

# Vertices, Faces and Edges Check for Understanding

A 10 question retrieval quiz for students in kindergarten to Grade 2.

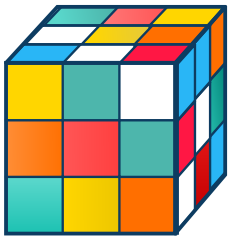Kindergarten - Grade 2

## Questions

Name: ……………………………………….

Class: ……………………………………….

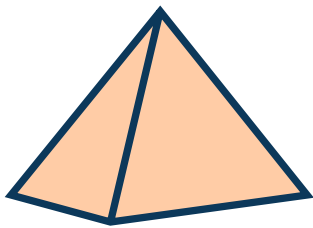Date: ……………………………………….

Score: ……………………………………….

**1** Name the 3-D figure.
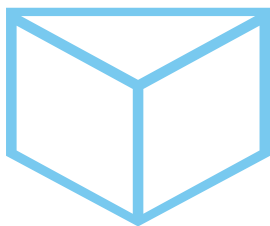


*Answer*

**2** Name the 3-D figure.



*Answer*

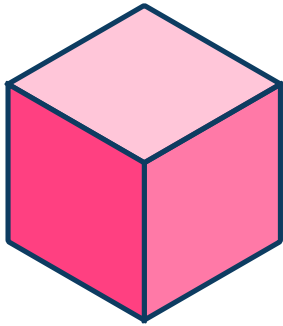**3** Name the 3-D figure.



*Answer*

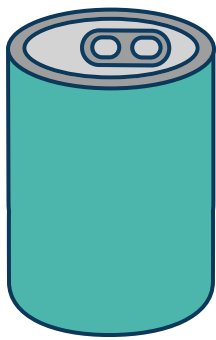**4** Name a 3-D figure that has only 1 edge and 1 vertex.

*Answer*

**5**  Name the 2-D figure that makes up the faces of a cube.

*Answer*

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**6**  Count the number of vertices.
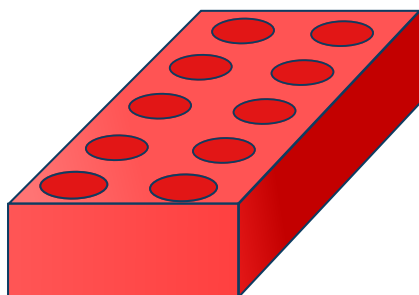Count the number of faces.
Count the number edges.

*Answers*

vertices:

faces:

edges:

---

**7**  Count the number of vertices.
Count the number of faces.
Count the number edges.

*Answers*

vertices:

faces:

edges:

---

**8**  Count the number of vertices.
Count the number of faces.
Count the number edges.

*Answers*

vertices:

faces:

edges:

---

**9**  Count the number of vertices.
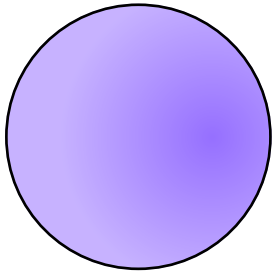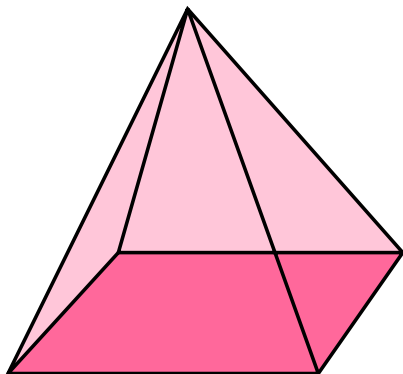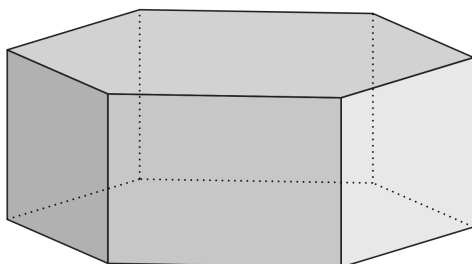Count the number of faces.
Count the number edges.

*Answers*

vertices:

faces:

edges:

---

**10**  Count the number of vertices.
Count the number of faces.
Count the number edges.

*Answers*

vertices:

faces:

edges:

---

## Answers

| Question number | Question | Answers | Standard |
|---|---|---|---|
| 1 | Name the 3-D figure. | Cube | K.G.B.4 1.G.A.2 2.G.A.1 |
| 2 | Name the 3-D figure. | Pyramid or rectangular pyramid | K.G.B.4 1.G.A.2 2.G.A.1 |
| 3 | Name the 3-D figure | Triangular prism | K.G.B.4 1.G.A.2 2.G.A.1 |
| 4 | Name a 3-D figure that has only 1 edge and 1 vertex. | Cone | 1.G.A.2 2.G.A.1 |
| 5 | Name the 2-D figure that makes up the faces of a cube. | Square | 1.G.A.2 2.G.A.1 |
| 6 | Count the number of vertices. Count the number of faces. Count the number edges. | 0 vertices 2 Faces and 1 curved surface = 3 faces 2 Edges | K.G.B.4 1.G.A.2 2.G.A.1 |
| 7 | Count the number of vertices. Count the number of faces. Count the number edges. | 8 Vertices 6 Faces 12 Edges | K.G.B.4 1.G.A.2 2.G.A.1 |
| 8 | Count the number of vertices. Count the number of faces. Count the number edges. | 0 Vertices 1 Face 0 Edges | K.G.B.4 1.G.A.2 2.G.A.1 |

# Check for Understanding | Kindergarten - Grade 2 | Vertices, Faces and Edges

| Question number | Question | Answers | Standard |
|---|---|---|---|
| 9 | Count the number of vertices.<br>Count the number of faces.<br>Count the number edges. | 5 Vertices<br>5 Faces<br>8 Edges | K.G.B.4<br>1.G.A.2<br>2.G.A.1 |
| 10 | Count the number of vertices.<br>Count the number of faces.<br>Count the number edges. | 12 Vertices<br>8 Faces<br>18 Edges | K.G.B.4<br>1.G.A.2<br>2.G.A.1 |

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