

Properties of 3-D Shapes E2

Purpose

To identify properties of 3-D shapes.

Preparation

Cut out a set of cards per group. Suggest printing on card or laminating for future use. Students will need to be familiar with the terms vertices, edges, faces and base.

Group Size

3 to 4








Task

To match the cards under the appropriate headings to create a fully correct table. Once the cards have been checked, students copy the information into their own blank tables to help them remember the information for the future.

Answers

A completed table is shown on the next page.

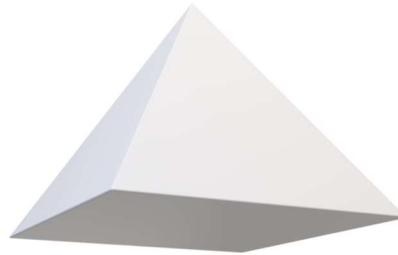
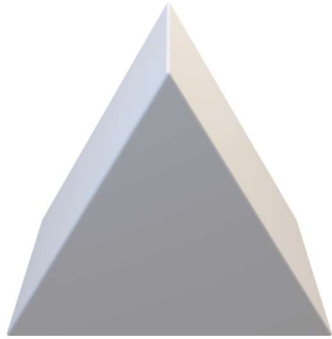
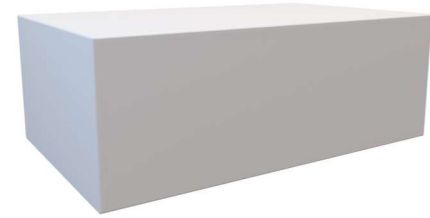
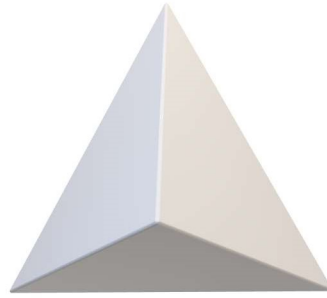
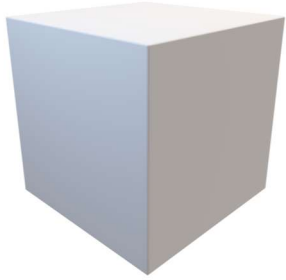
Completed Table

Shape	Name of Shape	Number of Edges	Number of Vertices	Number of Faces	Shape of Base
	Cube	12	8	6	Square
	Cuboid	12	8	6	Rectangle
	Triangular Prism	9	6	5	Rectangle
	Triangular based pyramid	6	4	4	Triangle
	Square based pyramid	8	5	5	Square
	Cylinder	2	3	0	Circle
	Cone	1	2	1	Circle

Name of Shape	Triangular based pyramid
Cube	Square based pyramid
Cuboid	Cylinder
Triangular Prism	Cone

12	8	6	2
12	8	6	1
9	6	5	3
6	4	4	2
8	5	5	0
Number of Edges	Number of Vertices	Number of Faces	1

Shape of Base	Triangle
Square	Square
Rectangle	Circle
Rectangle	Circle



Shape

3-D Shapes

Shape	Name of Shape	Number of Edges	Number of Vertices	Number of Faces	Shape of Base
