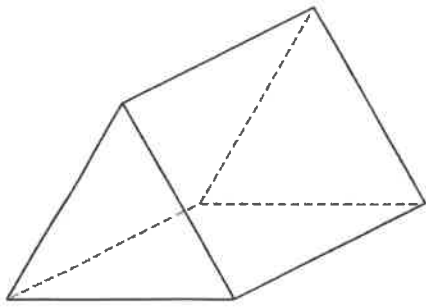


3D Shapes

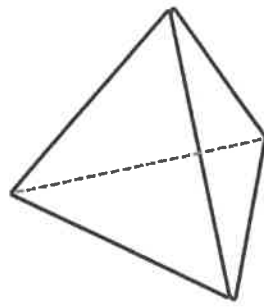


Triangular Prism

edges _____

faces/surfaces _____

vertices _____

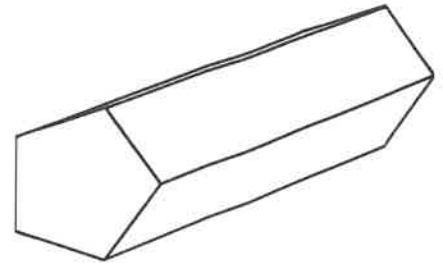


Tetrahedron

edges _____

faces/surfaces _____

vertices _____

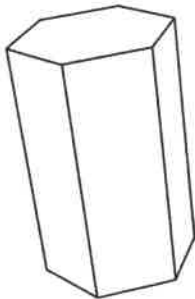


Pentagonal Prism

edges _____

faces/surfaces _____

vertices _____

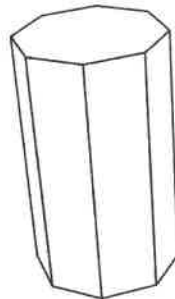


Hexagonal Prism

edges _____

faces/surfaces _____

vertices _____

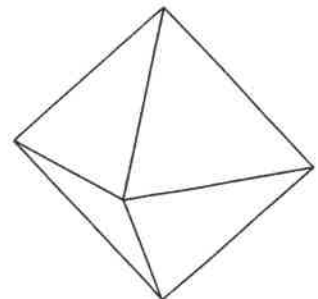


Octagonal Prism

edges _____

faces/surfaces _____

vertices _____



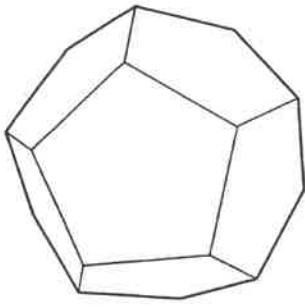
Octahedron

edges _____

faces/surfaces _____

vertices _____

3D Shapes

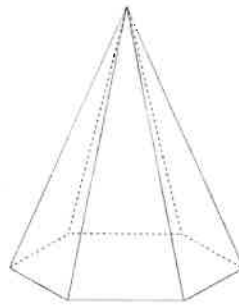


Dodecahedron

edges _____

faces/surfaces _____

vertices _____

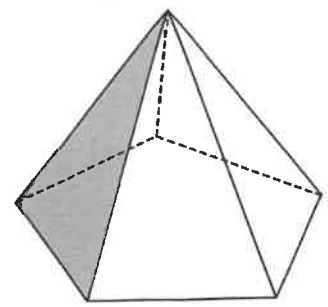


Hexagonal Pyramid

edges _____

faces/surfaces _____

vertices _____



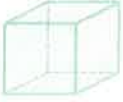
Pentagonal Pyramid

edges _____

faces/surfaces _____

vertices _____

Properties of 3D Shapes

	Shape Name	Number of Faces	Types of Faces	Number of Edges	Number of Vertices
	cube	6	6 squares	12	8
					
					
					
					
					
					

Properties of 2D Shapes

Word Bank

side

vertices

right angle

symmetry

vertex

parallelogram

parallel

equal

rhombus

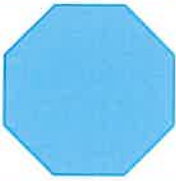
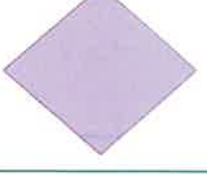
square

octagon

trapezium

The names, shapes and descriptions have been mixed up. Complete each shape name, using the given shapes to help you. Then, draw lines to match each 2D shape to the correct name and description. The first one has been done for you.

Finally, add more properties to the description for each shape commenting on sides, vertices, right angles, lines of symmetry and parallel lines.

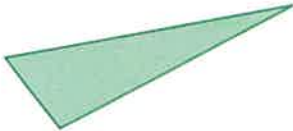
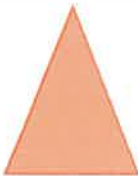
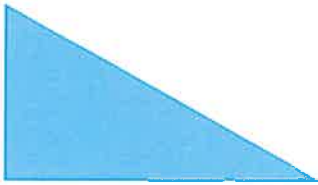
Name	Shape	Description
square		• 0 lines of symmetry • • • •
p_____		• 4 equal sides • 4 vertices • 4 lines of symmetry • 4 right angles • 2 pairs of parallel lines
o_____		• 2 lines of symmetry • • • •
t_____		• 8 vertices • • • •
r_____		• 1 pair of parallel lines • • • •

Word Bank

side	vertices/vertex	right angle	symmetry
acute	obtuse	parallel	equal
equilateral triangle	scalene triangle	isosceles triangle	kite
right-angled triangle			

The names, shapes and descriptions have been mixed up. Complete each shape name, using the given shapes to help you. Then, draw lines to match each 2D shape to the correct name and description.

Finally, add more properties to the description for each shape commenting on sides, vertices, types of angles and lines of symmetry.

Name	Shape	Description
s _____ triangle		• 3 vertices • • • •
e _____ triangle		• 1 obtuse angle • • • •
k _____		• 2 pairs of equal sides • • • •
i _____ triangle		• 1 line of symmetry • • • •
r _____ triangle		• 1 right angle • • • •

Word Bank

heptagon

vertices/vertex

right angle

symmetry

acute

obtuse

parallel

equal

regular

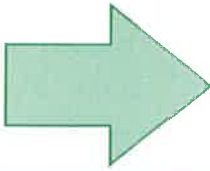
irregular

pentagon

hexagon

The names, shapes and descriptions have been mixed up. Complete each shape name, using the given shapes to help you. Then, draw lines to match each 2D shape to the correct name and description.

Finally, add more properties to the description for each shape focusing on sides, vertices, angles, lines of symmetry and parallel lines.

Name	Shape	Description
r _____ p _____		• 1 line of symmetry • • • •
i _____ p _____		• 1 pair of parallel lines • • • •
r _____ h _____		• 6 vertices • • • •
i _____ h _____		• 5 equal sides • • • •
i _____ h _____		• 3 pairs of parallel lines • • • •