PROPERTIES OF SHAPE

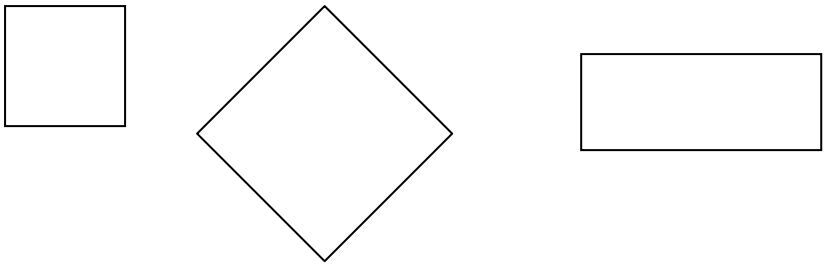
Name:

Assessment Criteria: Use the properties of 2-D and 3-D shapes

1. a) What is different between a parallelogram and a rhombus?

   b) What is the same between a parallelogram and a rhombus?

2. Look at the shapes below. Tick any of the diagrams which are not squares. Explain why each one you tick is not.



3. Are the following statements always true, sometimes true or never true? Explain your answer.

   - A square is a rectangle

   - A rectangle is a square

4. Tick the 3D shapes that have an edge that is at right-angles to another

Tetrahedron Cuboid Cylinder

Square-based pyramid Triangular prism

5. Place the quadrilaterals in the correct place in this Carroll Diagram.

Rhombus
Trapezium
Square
Kite
Parallelogram

	Less than two lines of symmetry	Two or more lines of symmetry
Can have exactly two right angles		
Cannot have exactly two right angles		

6. Place the 3D shapes in the correct place in this Carroll Diagram.

Tetrahedron
Cuboid
Cylinder
Pyramid
Prism
Cube

	Cannot have eight vertices	Can have eight vertices
Can have exactly two square faces		
Cannot have exactly two square faces		

Overall, I think my success level is:	Low ○ ○ ○ ○ High

Q	PROPERTIES OF SHAPE	☺	☹
	I can identify and describe 2D shapes using their properties; for example, angle types, side lengths, parallel sides, lines of symmetry		
	I can identify and describe 3D shapes using their properties; for example, edges, faces, vertices		
	I can develop my own strategies for solving problems		
	I can present information and results in a clear and organised way		

I need to practise …