QUADRILATERALS

Name:

Assessment Criteria: Classify quadrilaterals by their geometric properties

1. What is the difference between a rectangle and an oblong?

2. Can a trapezium have three right angles? Explain your answer.

3. In each of the diagrams below, write the name of a quadrilateral that could be placed in each section:

	Diagonals bisect each other	**Diagonals do not bisect each other**
Can have no right angles		
Cannot have no right angles		

	Diagonals are perpendicular	**Diagonals are not perpendicular**
Has rotational symmetry		
Does not have rotational symmetry		

Overall, I think my success level is:

Low ○ ○ ○ ○ High

Q	QUADRILATERALS	☺	☹
	I know the names of all the special types of quadrilaterals		
	I know the properties (equal and/or parallel sides, equal angles, right angles, diagonals bisected and/or at right angles, reflection and rotation symmetry) of the special quadrilaterals		
	I can identify special cases of special types of quadrilaterals (e.g. a rhombus is a special case of a parallelogram)		
	I can use the properties of quadrilaterals to solve problems		
	I can present a concise, reasoned argument, using symbols, diagrams, graphs and related explanatory texts		
	I can use logical argument to establish the truth of a statement		

I need to practise …