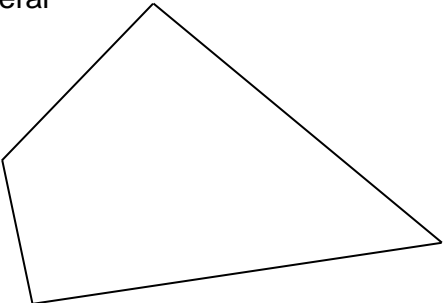
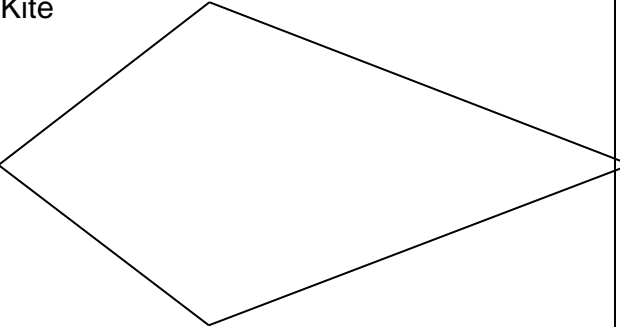
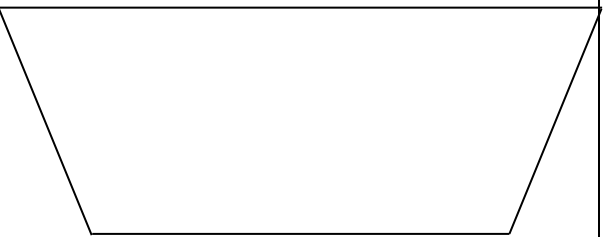


Properties of Quadrilaterals

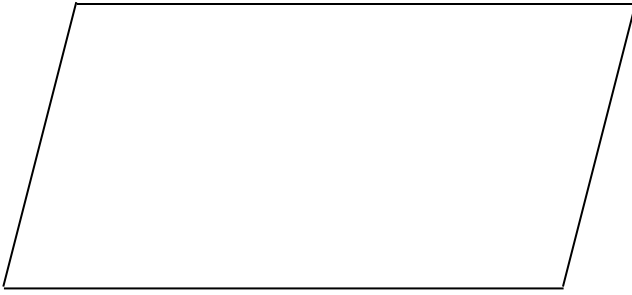
Name: _____

1. Draw the diagonals for each quadrilateral below.
2. For each quadrilateral below, use a ruler to accurately measure in millimetres each side and diagonal. Record your measurements on the diagrams.
3. For each quadrilateral below, use a protractor to accurately measure the angles in each diagram, including each vertex angle and the angle between diagonals. Record your measurements on the diagrams.
4. For each quadrilateral, check for these properties:

Which sides are congruent?	Which angles are congruent?
Which sides are parallel?	Which shapes have congruent diagonals?
Do the diagonals bisect the vertex angles?	Do the diagonals meet at right angles?
Do the diagonals bisect each other?	What is the sum of all of the vertex angles?
4. Write the **definition** of each shape in the space provided.
5. List the **properties** of each shape in the space provided.

Shape	Definition and Properties
Quadrilateral 	Definition
Kite 	Definition
Trapezium 	Definition

Parallelogram



Definition

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Properties.....

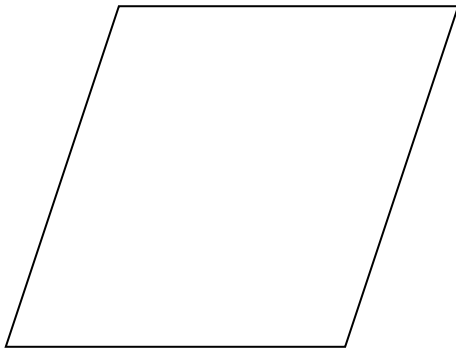
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Rhombus



Definition

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Properties.....

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Rectangle



Definition

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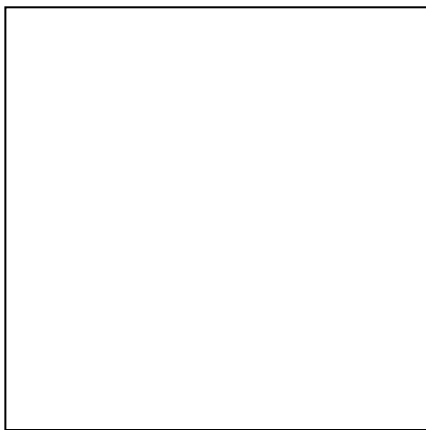
Properties.....

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Square



Definition

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Properties.....

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