
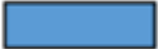





Stepping stone Answers



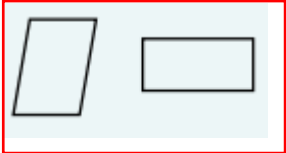

Task 1: Complete the table using your knowledge of shape names and by counting the vertices:

Name	Shape	Number of vertices
e.g. Pentagon		5
Rectangle		4
Square		4
Triangle		3
Hexagon		6

Task 2: Put these shapes in order based upon the number of vertices they have.



Complete at least 2 columns, more if you can!

Task 1	Task 2	Task 3
<p>Practice</p> <ul style="list-style-type: none"> How many angles does a heptagon have? 7 internal angles What types of angles does a rectangle have? 4 right angles How many lines of symmetry does a square have? 4 What kind of lines of symmetry does a square have? Both vertical and horizontal (and also diagonal) What types of lines can you spot in a regular hexagon? 3 pairs of parallel lines 	<p>Reasoning</p> <p>What is the same and what is different about these shapes?</p> <p>Compare them in terms of:</p> <ul style="list-style-type: none"> Symmetry (vertical/horizontal) Types of lines (perpendicular/parallel) Angles (right, obtuse, acute angles)  <p>Possible answers:</p> <ul style="list-style-type: none"> All have at least 1 line of symmetry. They have different number of sides/angles. Only the triangle has a pair of perpendicular sides. 	<p>Reasoning</p> <p>Rosie describes a 2-D shape.</p>  <p>My shape has 2 pairs of parallel sides. The lengths of the sides are not all equal.</p> <p>Draw the shape that Rosie is describing.</p> <p>You could have drawn:</p>  <p>Could this square be Rosie's shape?</p>  <p>Explain why.</p> <p>No this can't be Rosie's shape, because the lengths of the sides are equal.</p>