

Objective: Calculate interior/exterior angles of regular shapes



Met



Partially
Met



Not Met

Work on the following sections:



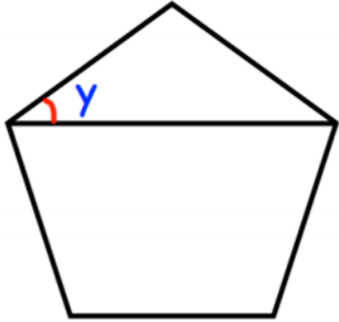
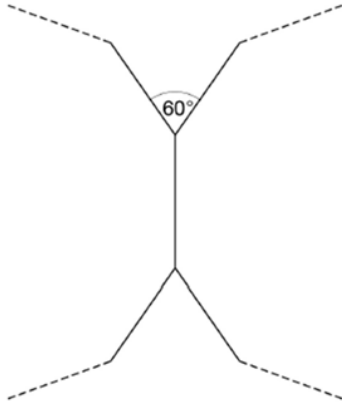
Column 1



Column 2



Extension

Column 1	Column 2
<p>What is the value of one interior angle of the following polygons:</p> <ul style="list-style-type: none"> a) Regular pentagon b) Regular octagon c) Regular heptagon d) Regular 12 sided polygons 	<p>Shown is a regular Pentagon. Calculate the value of y.</p> 
<p>What is the value of one exterior angle of the following polygons:</p> <ul style="list-style-type: none"> a) Equilateral triangle b) Regular hexagon c) Regular nonagon d) Regular 11 sided polygon 	<p>Two congruent regular polygons are joined together.</p>  <p style="text-align: right;">Not drawn accurately</p> <p>Work out the number of sides each polygon has.</p>
<p>Extension: A polygon has an interior angle that is five times larger than the exterior angle. How many sides does it have?</p>	