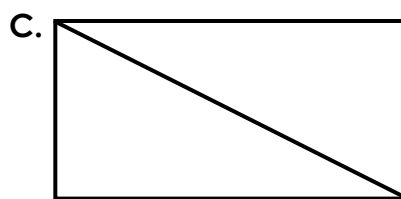
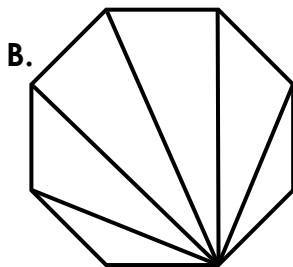
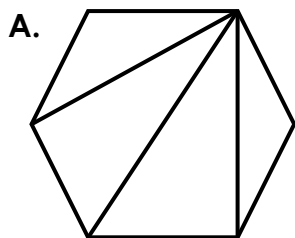


Angles in Polygons

1. Using your knowledge of the sum of angles in a triangle, draw lines to match each shape to the correct sum of interior angles and name each shape.

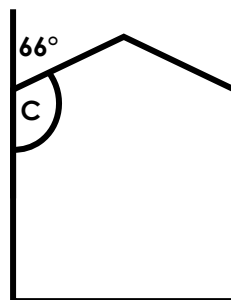
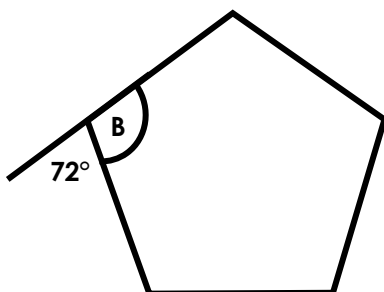
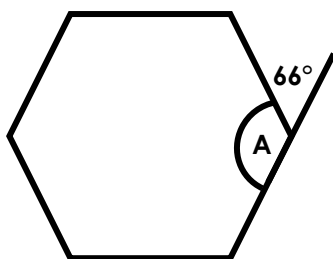


1,080°

360°

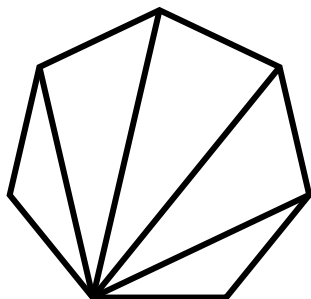
720°

2. Calculate the value of the missing interior and exterior angles in order to find and circle the odd one out.



Not to scale

3. Sophie is calculating angles in polygons. She splits the shape up into triangles to help her work out the sum of the interior angles.



The interior angles add up to 900°.

Is she correct? Explain how you know.