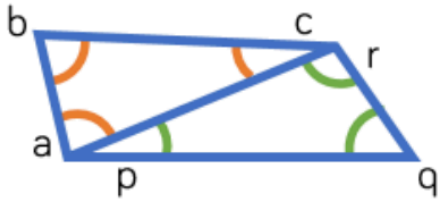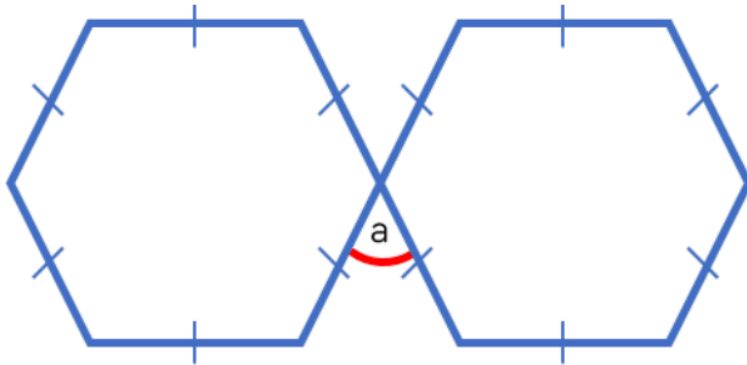1.

This quadrilateral is split into two triangles.

Use your knowledge of angles in a triangle to find the sum of angles in a quadrilateral.

Split other quadrilaterals into triangles too. What do you notice?

2.

Here are two regular hexagons.

The interior angles of a hexagon sum to 720°
Use this fact to work out angle a in the diagram.