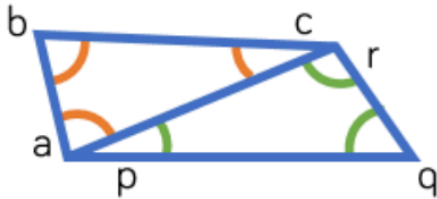


Y6 Extra challenge Thursday 11th June answers.

1.

This quadrilateral is split into two triangles.



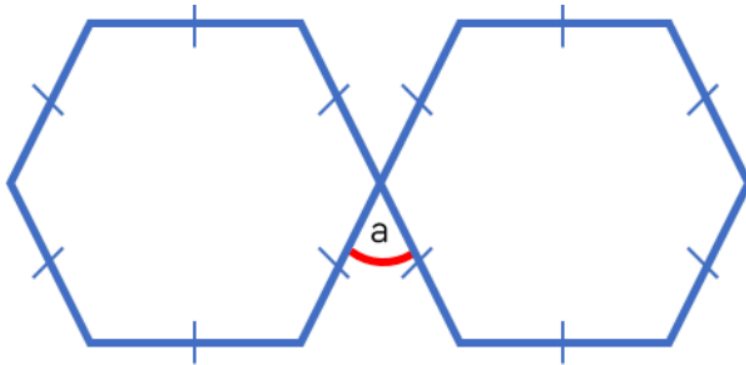
Use your knowledge of angles in a triangle to find the sum of angles in a quadrilateral.

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

Children should find that angles in all quadrilaterals will always sum to 360 degrees.

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.

60°