

Work out the sum of the angles in each shape.

a)





What do you notice?

The diagrams show the four vertices of a quadrilateral arranged 2 around a point.



What do the diagrams illustrate about the sum of the angles in a quadrilateral?

Complete the sentence.

Angles in a quadrilateral _

Work out the size of the unknown angle in each trapezium.



c) What is the same and what is different about the trapeziums?



5

3

Work out the sizes of the unknown angles.





- c) What do you notice about opposite angles in a parallelogram?
- Two isosceles triangles are joined to form a kite.
- a) Work out the sizes of the unknown angles.



c) Work out y + z.

What do you notice? Talk about it with a partner.



