

Mathematics

Year 6

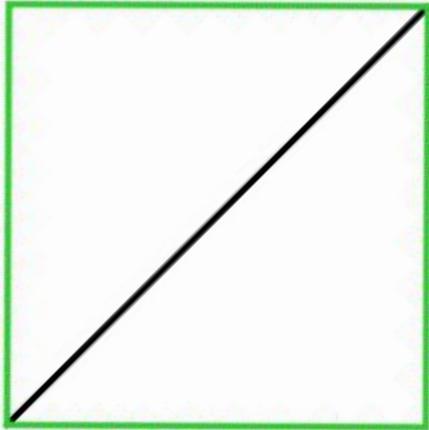
Missing angles and length: Compare and classify quadrilaterals.

Independent Task

Hannah Parsons



Question 1



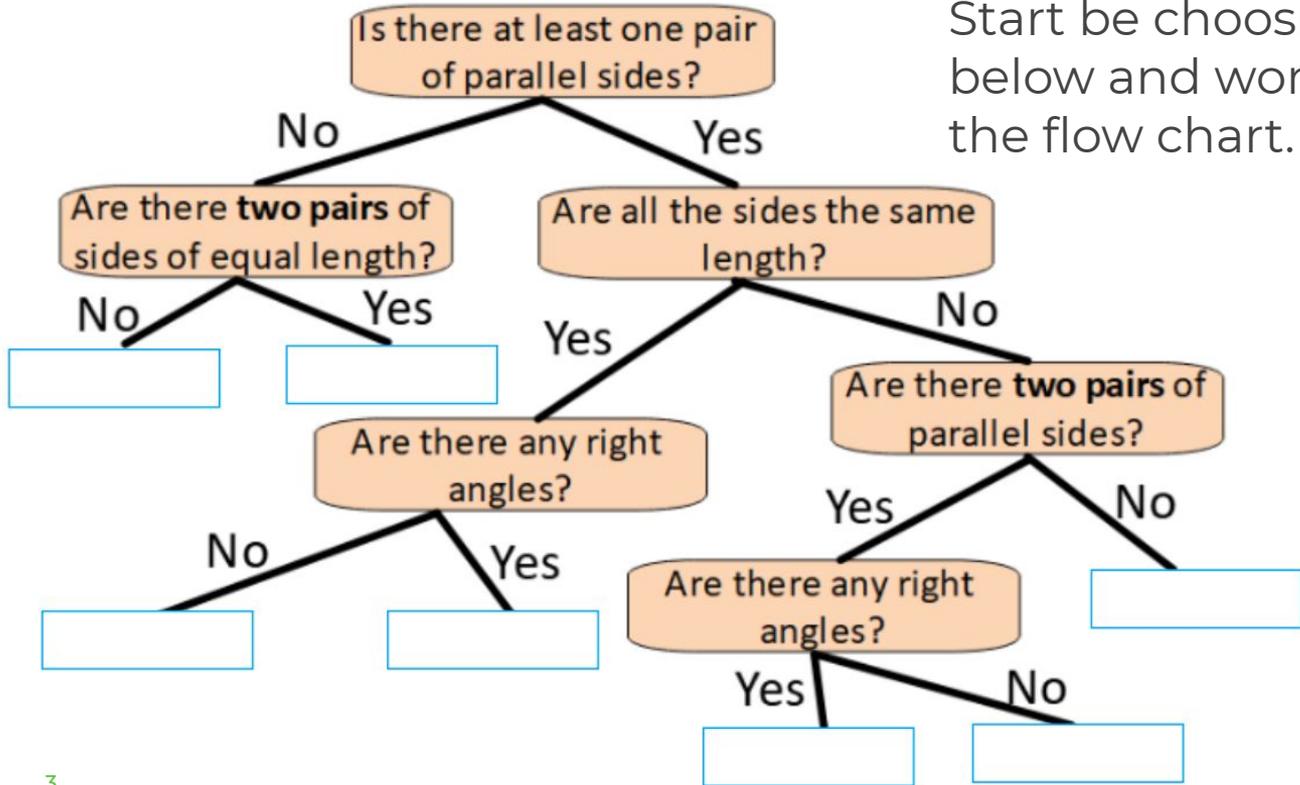
How does this representation of a square help us to reason about the sum of its internal angles?



Question 2

Fill in the blank boxes in the flow chart.

Start by choosing a shape from below and working your way down the flow chart.



Trapezium

Parallelogram

Rectangle

Kite

Square

Rhombus

Quadrilateral with
no special
properties



Question 3

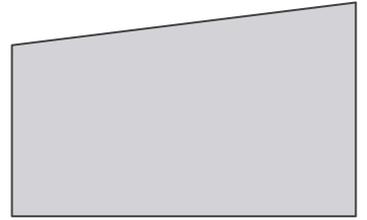
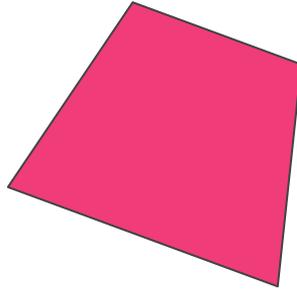
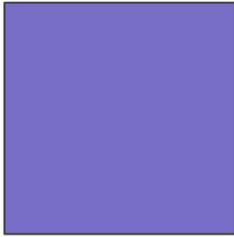
Each of these quadrilaterals have a perimeter of 16 cm.
Complete the table below to show the possible length of each side.

	Side lengths			
Square				
Rectangle				
Rhombus				
Parallelogram				
Kite				
Trapezium				



Question 4

Name the shapes below and list their properties.



Question 5

Use your knowledge of quadrilaterals to find the value of the missing angles in the shapes below.

