

Level: 4

Strand: Measurement

Substrand: Indirect Measure

Area and Perimeter

Draw 10 different shapes with an area of 20cm^2 and then determine their perimeter.

Draw a table to show the results.

Shape 1	Area	Perimeter
	20cm^2	

- Describe the results you got.
- Do all shapes with an area of 20cm^2 have the same perimeter?

Now draw 10 shapes with a perimeter of 20cm.

Draw a table to show the results.

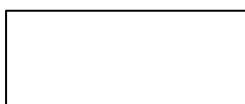
Shape 1	Area	Perimeter
		20cm

- Describe the results you got.
- Do all shapes with a perimeter of 20cm have the same area?

Write in your own words the meanings of the following words.

Area

Perimeter



This shape is a rectangle. Do you know a quick way of calculating the perimeter of a rectangle?

Write down your quick way.

Use your quick way to calculate the area of this rectangle. (Show all your working)



Draw 5 rectangles and calculate their areas. Show all your working remember to use square units for your answer

Reflection

What is the best way to calculate the area of a rectangle?