

Monday (easy) – LO: to identify when shapes have the same area.

Varied fluency

1a. Circle all rectilinear shapes with an area of 12cm^2 .

$\square = 1\text{cm}^2$

VF

2a. Draw a different rectilinear shape to the one below with the same area.

$\square = 1\text{cm}^2$

VF

3a. Using 1cm^2 squared paper, draw 2 different rectangles each with an area of 18cm^2 .

Label the lengths of each side.

VF

4a. All of these rectangles have an area of 24cm^2 . Complete the missing lengths.

not to scale

VF

Reasoning and problem solving

1b. Cailyn says,

I can draw a four-sided and a six-sided rectilinear shape with an area of 16cm^2 .

Draw two shapes to show that Cailyn is correct.

PS

2b. True or false? All of these shapes have the same area.

Explain your answer.

not to scale

R

3b. Alex is sorting shapes into a table.

Area $< 14\text{cm}^2$	Area $> 14\text{cm}^2$

Is he correct? Prove it.
Where in the table would this shape go?

not to scale

R