

Tuesday (easy) – LO: to find the area and perimeter of compound shapes.

Varied fluency

Reasoning and problem solving

1a. True or false? The area of this shape is 67cm^2 .

Not to scale

1b. Sadie draws two equal rectangles.

She puts them together to make a new shape.

What is the area and perimeter of the new shape?

Not to scale

2a. Solve the word problem.

A classroom measures 12ft by 4ft. What is the area and perimeter of the classroom?

2b. A shape has a perimeter of 24cm. What is the largest area the shape could have? What is the smallest area the shape could have?

Not to scale

3a. Calculate the area and the perimeter.

Not to scale

3b. Jacob says,

Rectangles have the same area and perimeter because you just multiply the length by width.

Do you agree? Prove it.

4a. Which shape has an area and a perimeter that equal the same number?

Not to scale