

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

**Varied fluency**

**Reasoning and problem solving**

5a. True or false? The area of this shape is  $108\text{mm}^2$ .

Not to scale

6a. Solve the word problem.

A garden measures 15ft by 4ft. What is the area and perimeter of the garden?

7a. Calculate the area and the perimeter.

Not to scale

8a. Which shape has an area and a perimeter that equal the same number?

Not to scale

4b. Hayley 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

5b. A shape has a perimeter of 68cm. What is the largest area the shape could have? What is the smallest area the shape could have?

Not to scale

6b. Brendan says,

A rectangle will always have a different area and perimeter.

Do you agree? Prove it.