

4

AREA

White
Rose
Maths

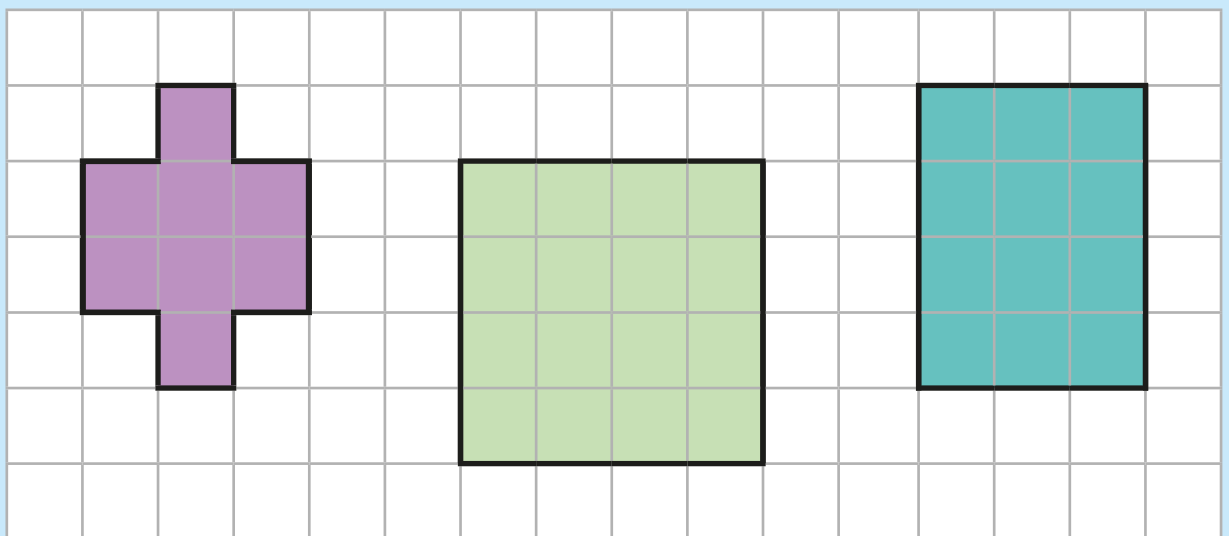


From White Rose Maths schemes for Year 4 Spring Term
BLOCK 2 - AREA

1 Tick the shape with the greater area.



2 Match each shape to its area.

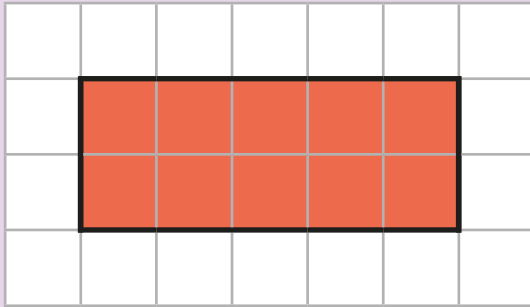


16 squares

8 squares

12 squares

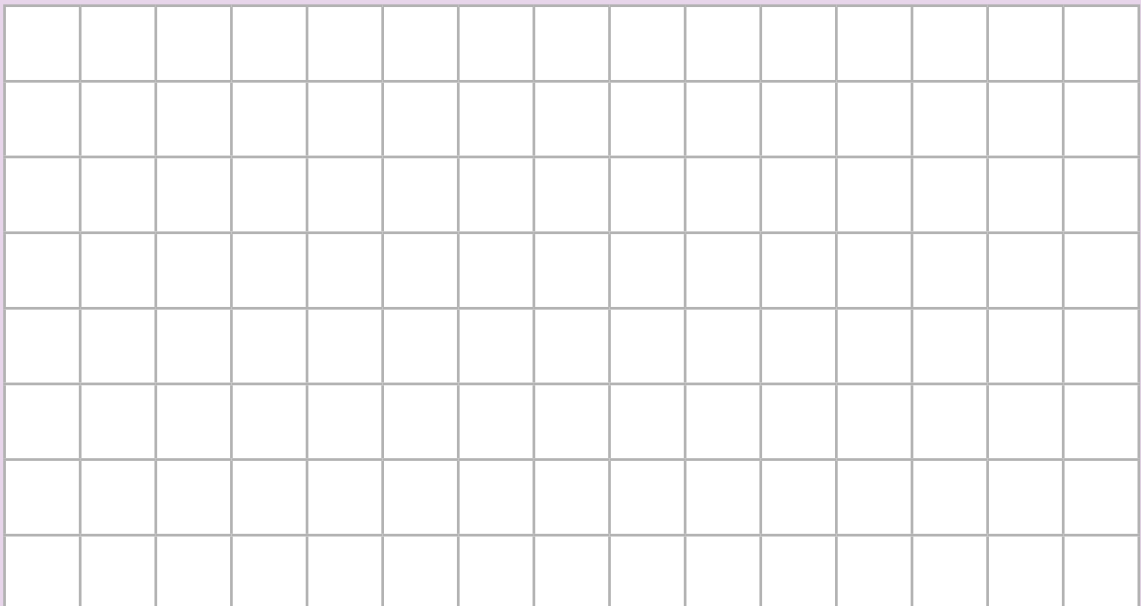
3 What is the area of the rectangle?



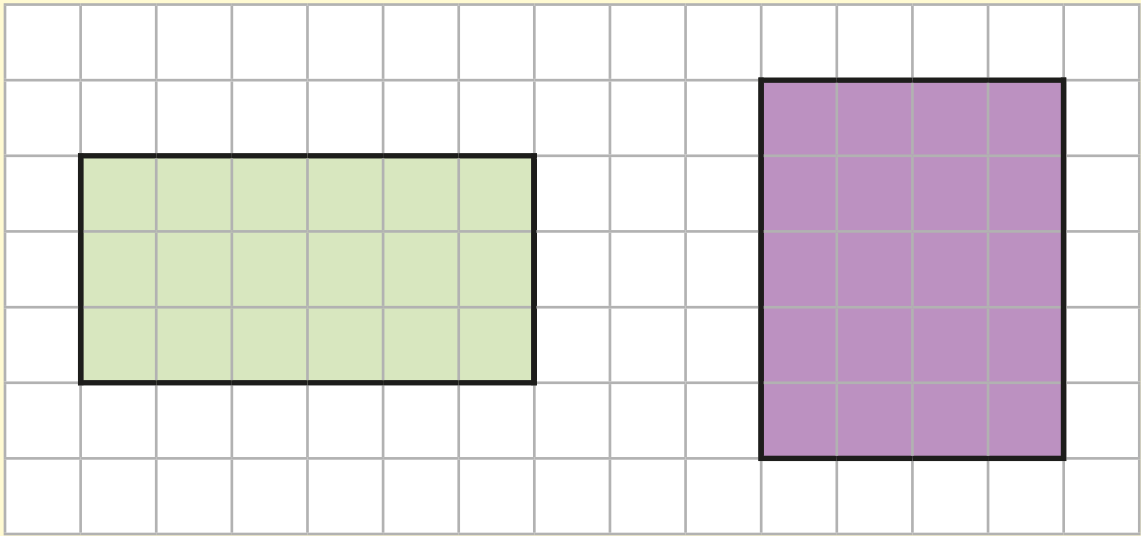
Explain how you worked out your answer.

A large, empty speech bubble with a green border and a tail pointing to the left, intended for the student to write their explanation.

4 Draw two different shapes with an area of 12 squares.



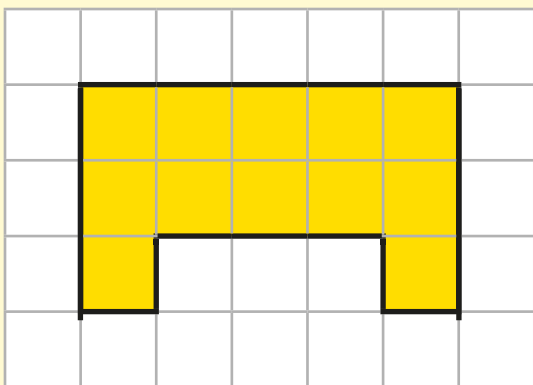
5 Tick the shape with the greater area.



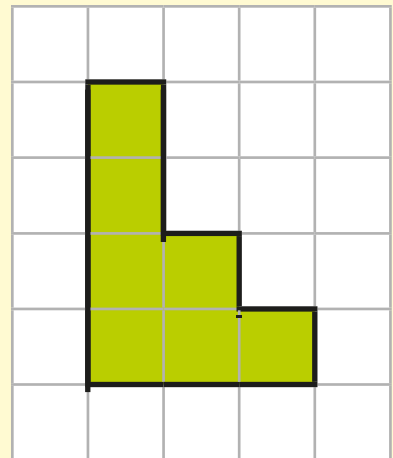
Explain your answer.

A large empty rounded rectangular box with a green border, intended for writing an explanation.

6 What is the area of each shape?

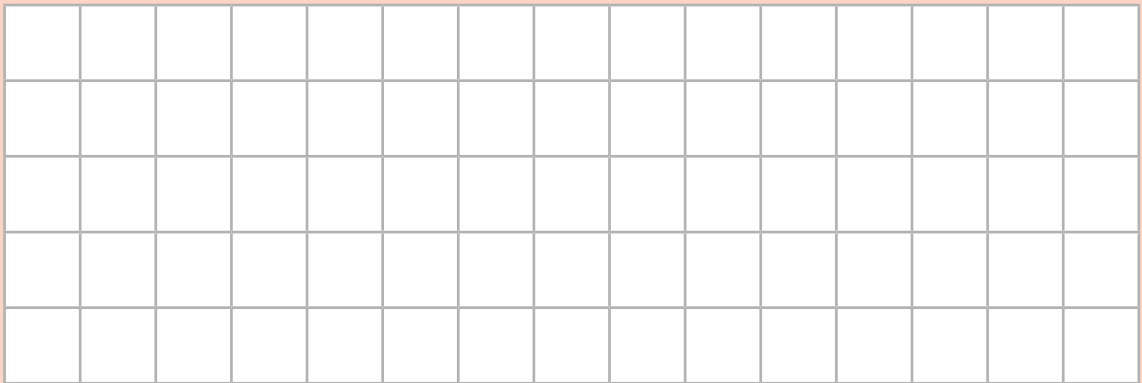


squares

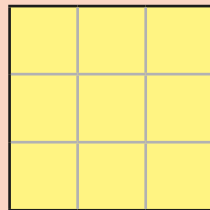
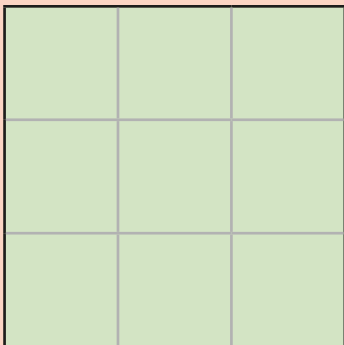


squares

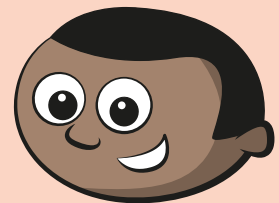
- 7 Draw a rectangle with an area of 14 squares.



- 8 Mo thinks these two shapes have the same area.



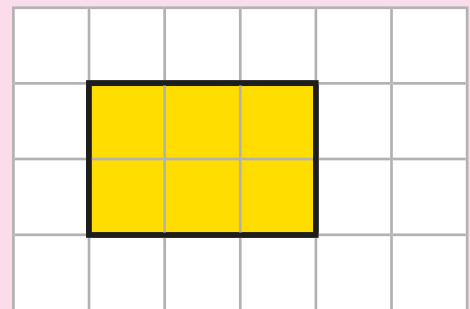
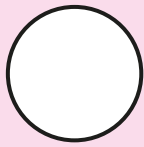
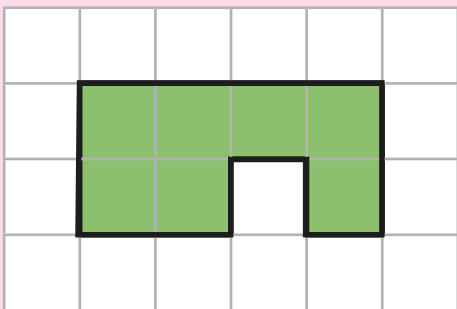
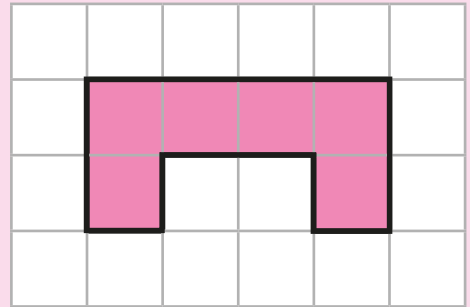
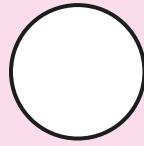
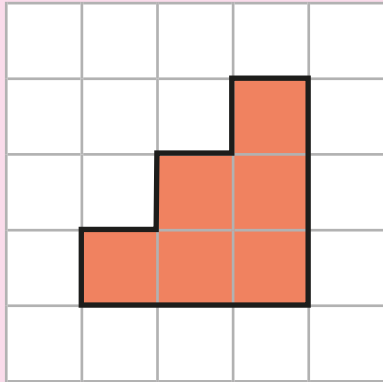
They both have an area of 9 squares.



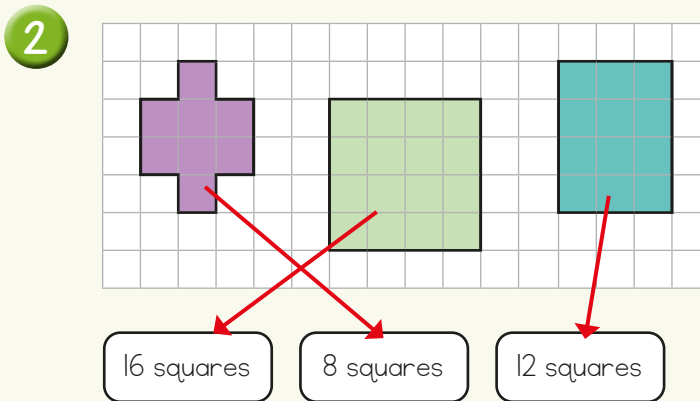
Is Mo correct? Explain your answer.

A large, empty rounded rectangle with a green border, intended for writing an answer to the question.

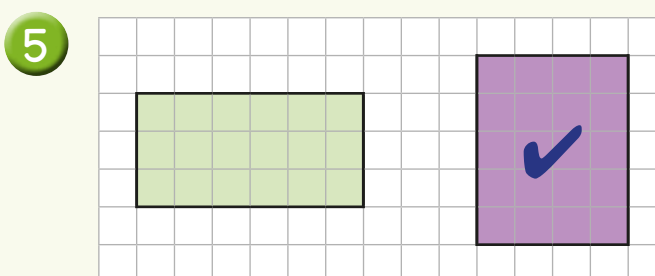
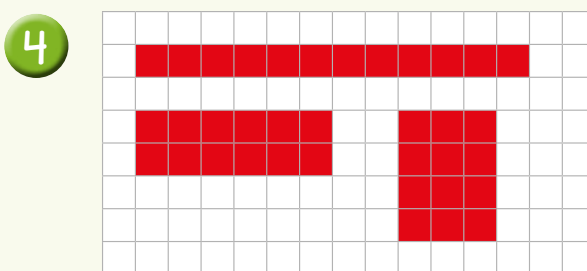
9 Write $<$, $>$ or $=$ to compare the areas.



Answers



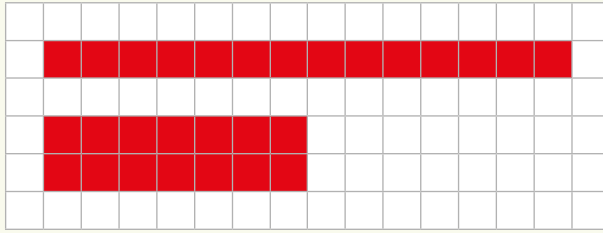
3 10 squares



The purple shape has the greater area because it has an area of 20 squares, while the green shape has an area of 18 squares.

6 12 squares, 7 squares

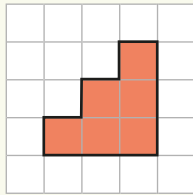
7



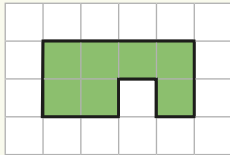
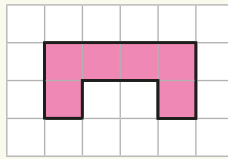
8

No. Although both shapes have 9 squares, the green squares are bigger, so the green shape has a greater area.

9



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