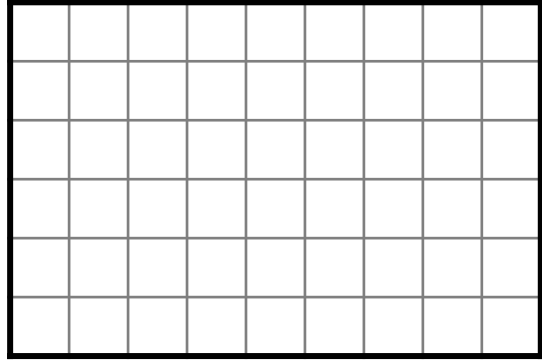
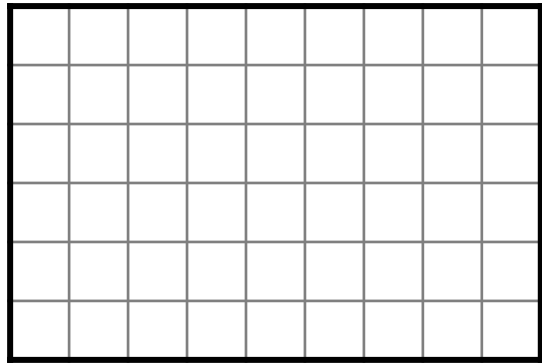


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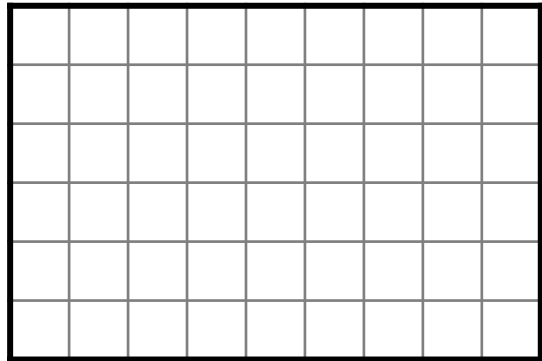
Part 1: Split this shape into **two different rectangles**. Work out how many squares in each rectangle, and how many squares in the whole shape.



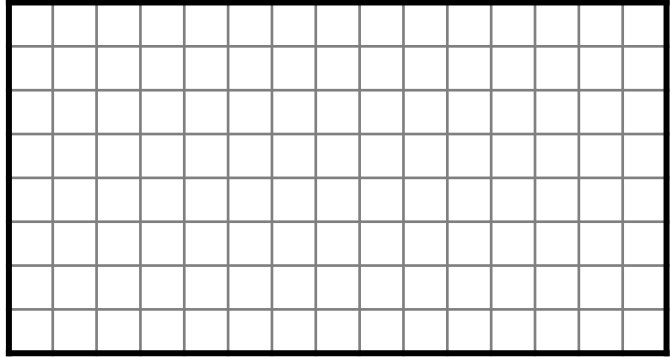
Part 2: Split this shape into **two identical rectangles**. Work out how many squares in each rectangle, and how many squares in the whole shape.



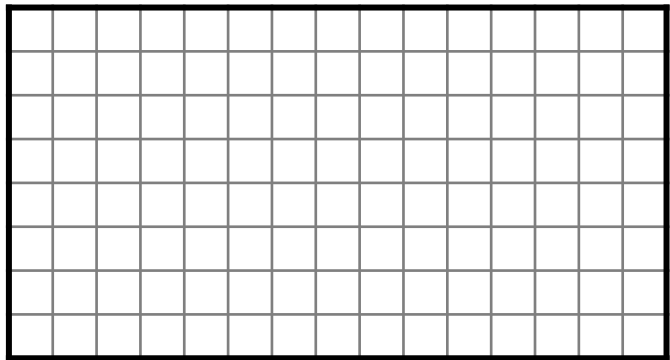
Part 3: Split this shape into **three identical rectangles**. Work out how many squares in each rectangle, and how many squares in the whole shape.



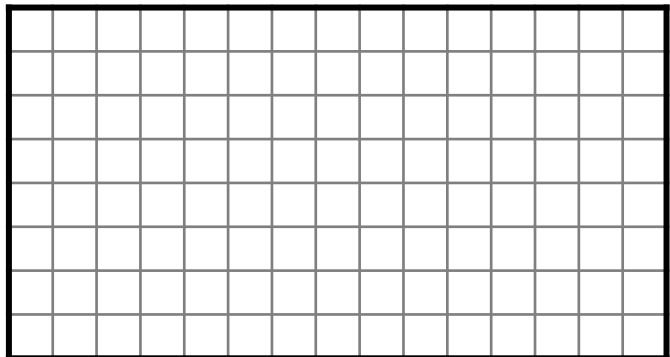
Part 1: Split this shape into **two different rectangles**. Work out how many squares in each rectangle, and how many squares in the whole shape.



Part 2: Split this shape into **two identical rectangles**. Work out how many squares in each rectangle, and how many squares in the whole shape.

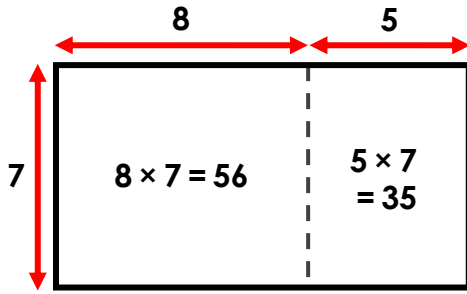


Part 3: Split this shape into **three identical rectangles**. Work out how many squares in each rectangle, and how many squares in the whole shape.



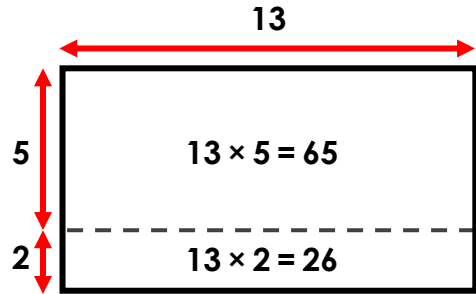
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Area model 1: 13×7 calculated by partitioning 13 into 8 and 5:



$$56 + 35 = 91$$

Area model 2: 13×7 calculated by partitioning 13 into 8 and 5:



$$65 + 26 = 91$$

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Calculate 14×9 using an area model. Do in different ways.

Show your first two methods by labelling the rectangle below:



Answers:

Green Task: Part 1 example: a vertical line splits the shape into sections of $5 \times 6 = 30$ and $4 \times 6 = 24$. Part 2 answer: a horizontal line splits the shape into two sections of $3 \times 9 = 27$. Part 3 answer: three vertical lines split the shape into three sections of $3 \times 6 = 18$ or two horizontal lines split the shape into three sections of $2 \times 9 = 18$.

Yellow Task: Part 1 example: a vertical line splits the shape into sections of $10 \times 8 = 80$ and $5 \times 8 = 40$. Part 2 answer: a horizontal line splits the shape into two sections of $4 \times 15 = 60$. Part 3 answer: two vertical lines split the shape into three sections of $5 \times 8 = 40$.

Extend: There are multiple possible answer e.g. partition the 14 into 7 & 7, partition the 9 into 3 & 3 & 3. Encourage children to answer in many different ways. Also, note that 14×9 is 9 less than 14×10 .