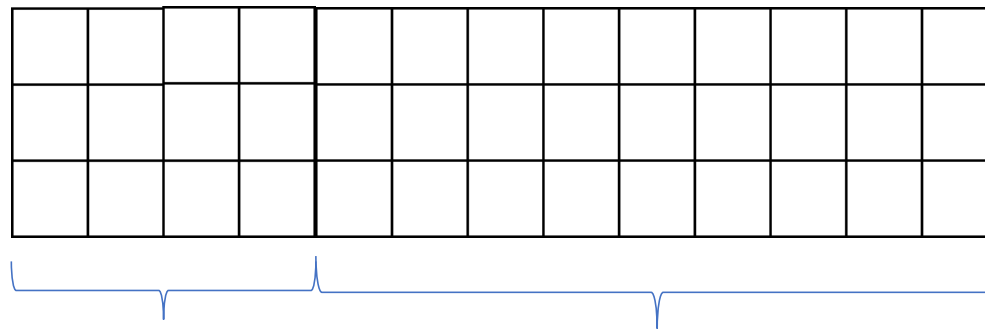


Decomposing Rectangles



$$3 \times 4 = 12$$

$$3 \times 9 = 27$$

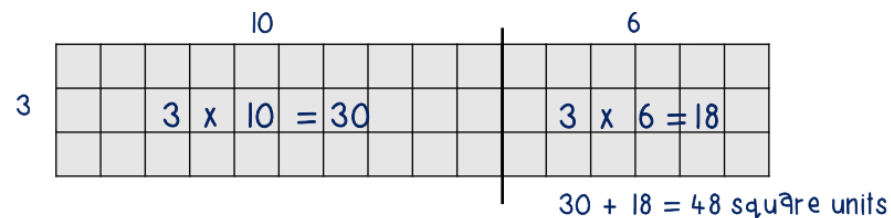
$$12 + 27 = 39 \text{ square units}$$

Decomposing Rectangles

Materials:

- Rectangle cards
- Graph paper

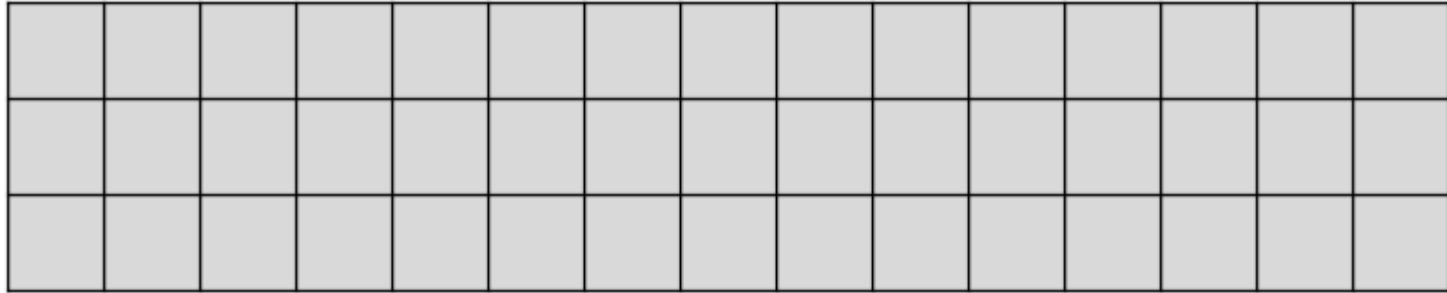
Juanita wants to find the area of a rectangle that is 3 square units by 16 square units. She broke the rectangle into two smaller rectangles then added the areas to find the total area.



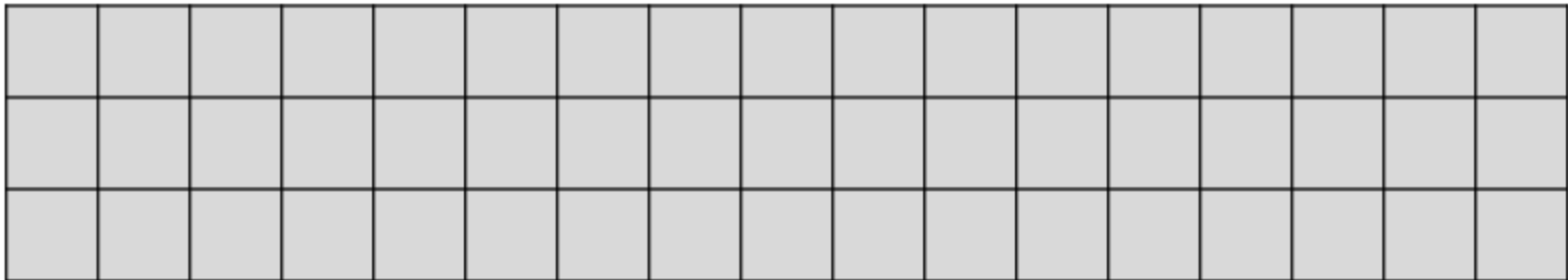
Directions:

- 1) Choose a rectangle card.
- 2) Sketch the rectangle on grid paper.
- 3) Use Juanita's strategy to divide the rectangle into two smaller rectangles. Add the areas together to find the area of the original rectangles. Show your work.

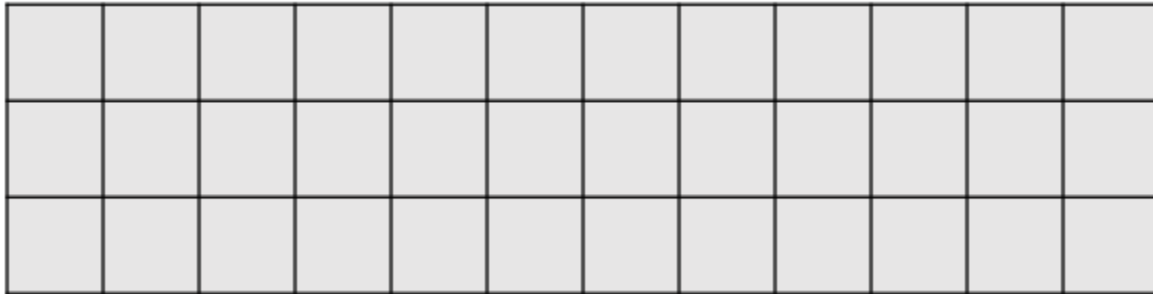
Rectangle Card 1



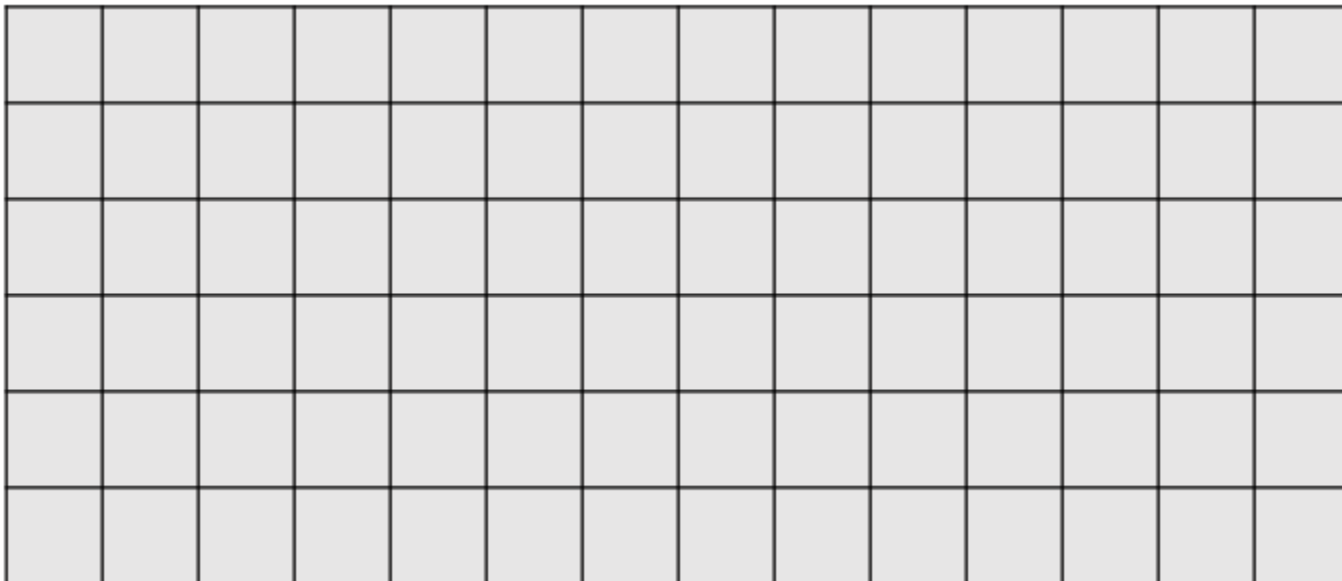
Rectangle Card 2



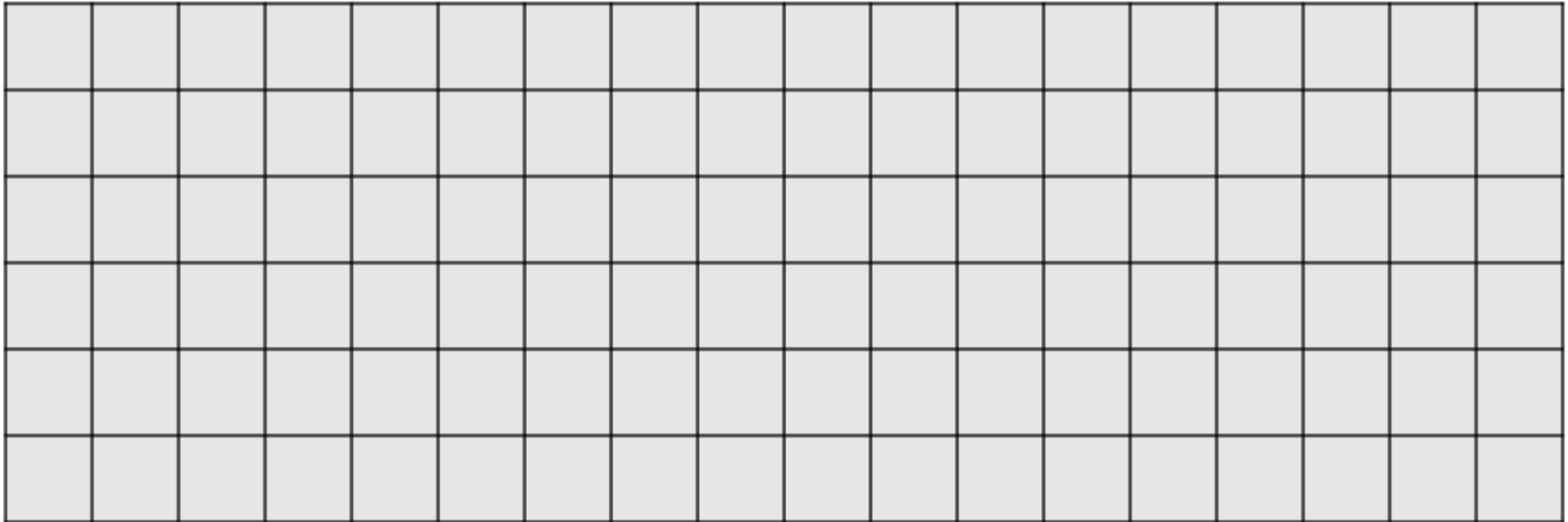
Rectangle Card 3



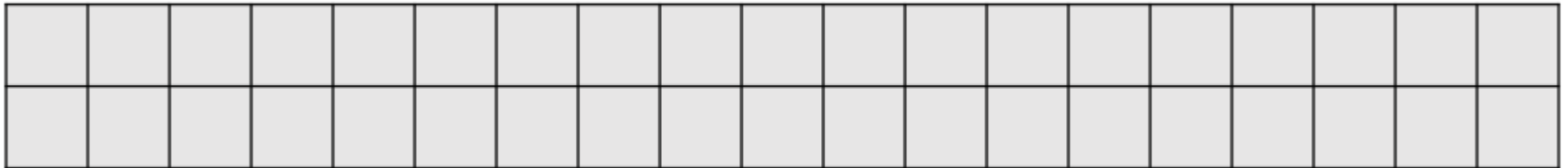
Rectangle Card 4



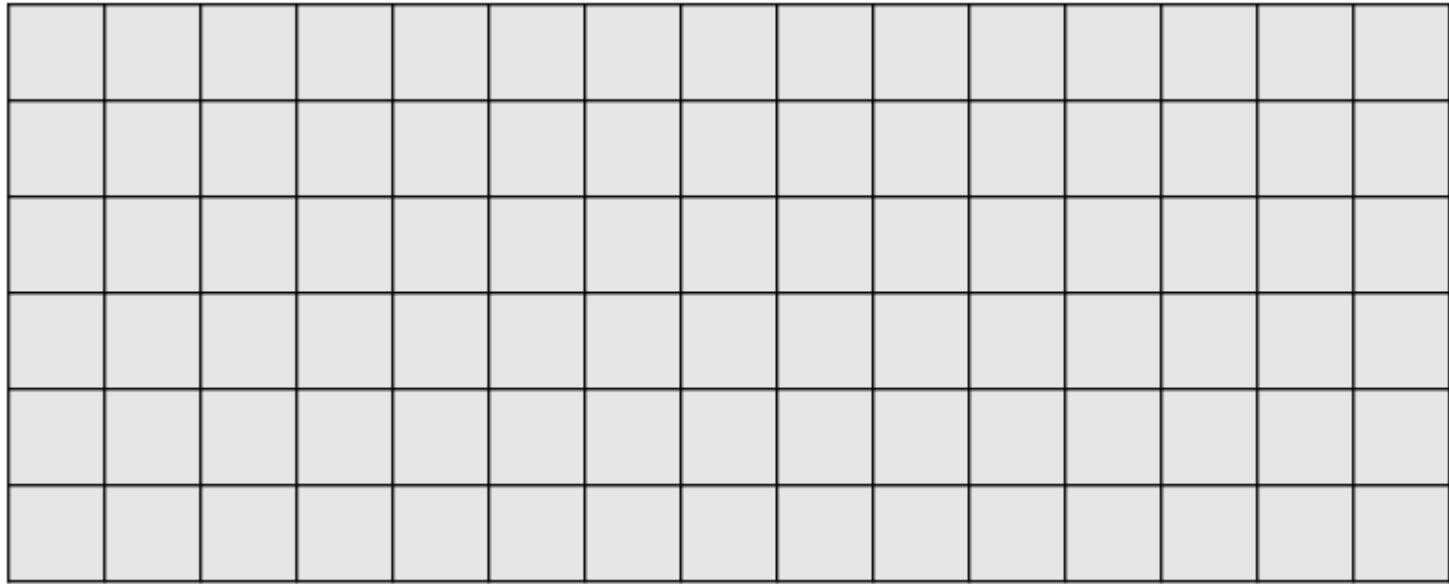
Rectangle Card 5



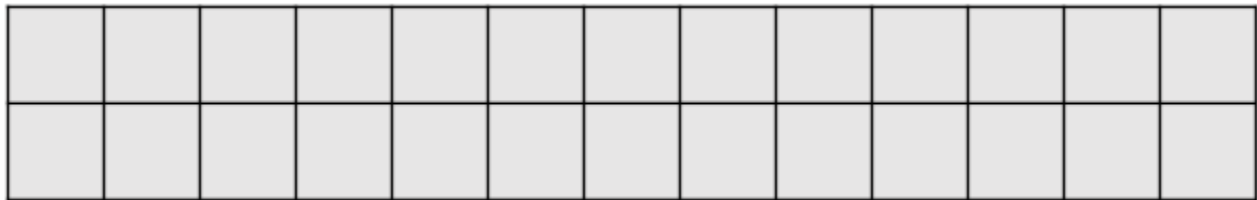
Rectangle Card 6



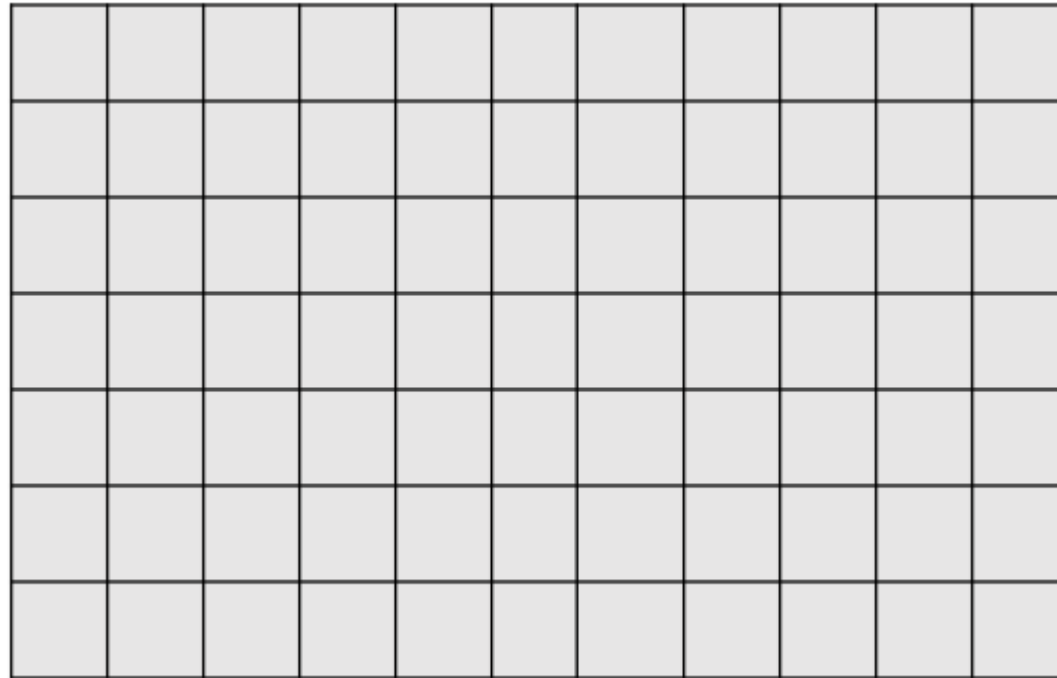
Rectangle Card 7



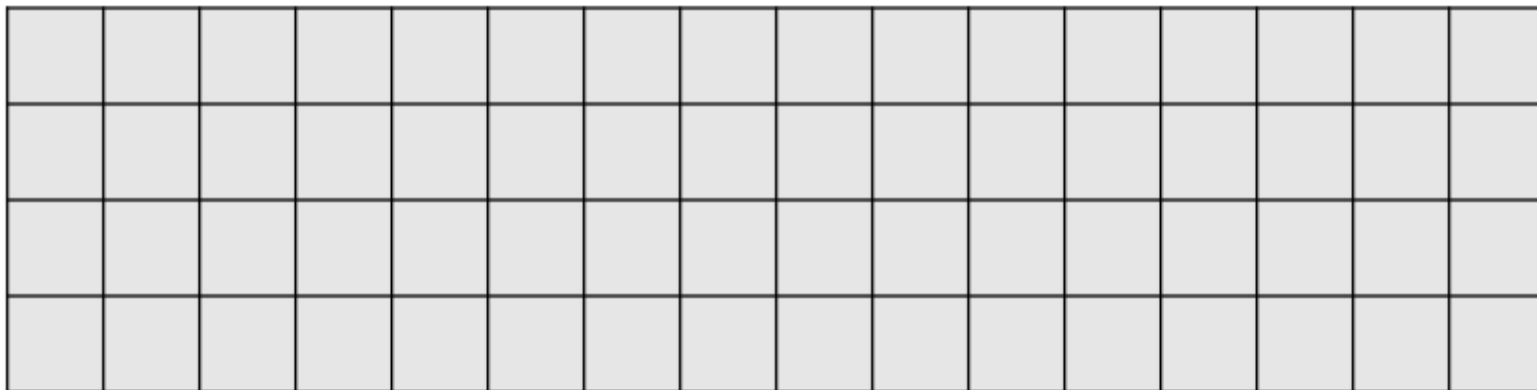
Rectangle Card 8



Rectangle Card 9



Rectangle Card 10



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