

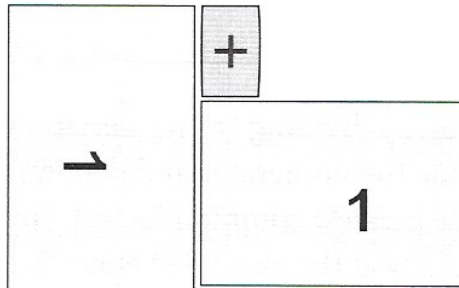
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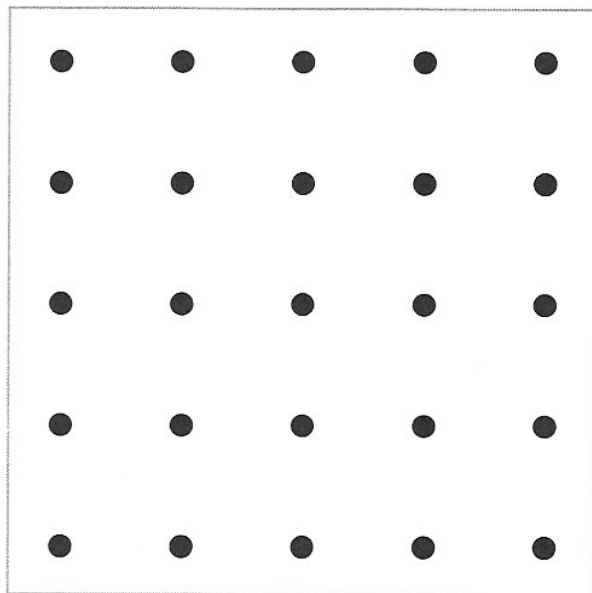


Area of the Addition Key

- 1** Julissa measured the + key on her calculator. It was $\frac{1}{2}$ inch tall and $\frac{1}{4}$ inch wide. What is the area of the + key?



- a** Use your geoboard to make a model of the key. In the model, the total area of the geoboard represents 1 square inch, so each side would be exactly 1 inch long.
- b** Draw a sketch of the geoboard model of the key here. Label the dimensions and area of the key.



- c** Write an equation to show the dimensions and area of the + key on Julissa's calculator.

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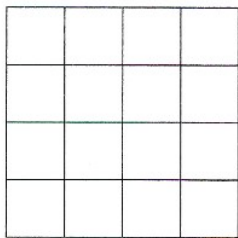
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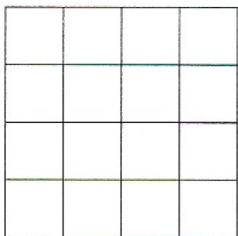
Multiplying Fractions with the Area Model page 1 of 2

1 For each problem, make a sketch, label the dimensions and area, and write an equation.

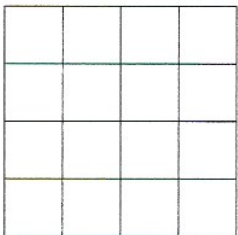
- a** There was a price tag on Isabel's new book that was $\frac{1}{4}$ inch wide and $\frac{3}{4}$ inch long. What was the area of the price tag?



- b** Tomas's teacher has little stickers she likes to give out when her students have had a good day. Each sticker is $\frac{1}{2}$ inch wide and $\frac{1}{2}$ inch tall. What is the area of each sticker?



- c** There is a special holiday stamp that measures $\frac{3}{4}$ inch by $\frac{1}{2}$ inch. What is the area of the stamp?



(continued on next page)