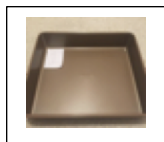


## Bite Size Brownies



Name \_\_\_\_\_

Date \_\_\_\_\_

Mr. Brown E. Pan recently opened a new business making brownies called “The Brown E. Pan.” On his first day baking, he started in his own kitchen by using the rectangular pan below.



1. Draw a picture to show how many brownies would fill the pan in the picture above.

2. Since he wanted to make the most of his time, he wondered, “What if I make the brownies smaller and add another row of brownies?” How many brownies would now fit into the pan? What if he added another row?

3. Continue the pattern to find the  $x$  stage. Find a way to record your results.

4. If the pan held 120 brownies, how many times did Mr. Brown E. Pan add a new row?

5. If he continues this pattern, would it be possible for a pan to hold 500 brownies? Explain how you know.