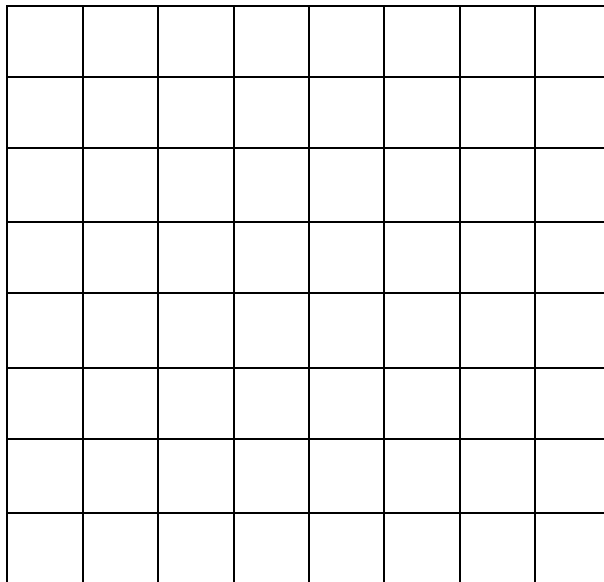


Name _____

Date _____

1. Use the grid to answer the questions below.



- Draw a line to show how to divide the grid into 2 equal rectangles. Shade in 1 of the rectangles.
- Label the side lengths of each rectangle.
- Write an equation to show the total area of the 2 rectangles.

2. Alexa cuts out the 2 equal rectangles from Problem 1(a) and puts the two shorter sides together.
- Draw Alexa's new rectangle and label the side lengths below.
 - Find the total area of the new, longer rectangle.
 - Is the area of the new, longer rectangle equal to the total area in Problem 1(c)? Explain why or why not.