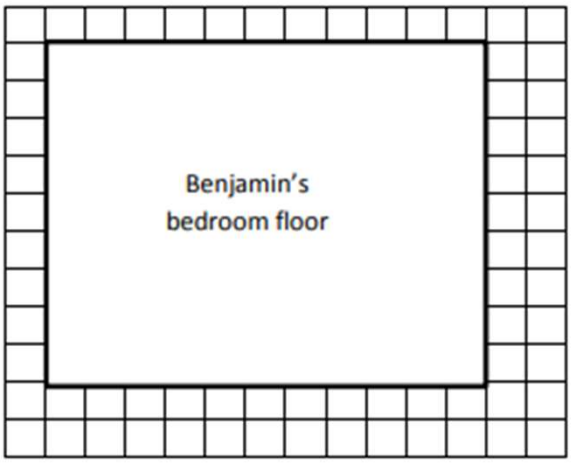
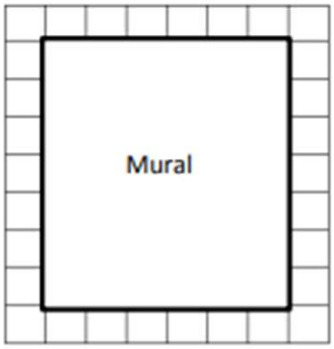
Area Worksheets
(Rectangles)

2. The area of Benjamin's bedroom floor is shown on the grid to the right. Each ☐ = 1 square foot. How many total square feet is Benjamin's floor?

   a. Label the side lengths.
   b. Use a straight edge to draw a grid of equal size squares within the rectangle.
   c. Find the total number of squares.



3. Mrs. Young's art class needs to create a mural that covers exactly 35 square feet. Mrs. Young marks the area for the mural as shown on the grid below. Each ☐ = 1 square foot. Did she mark the area correctly? Explain your answer.



4. Mrs. Barnes draws a rectangular array. Mila skip-counts by fours and Jorge skip-counts by sixes to find the total number of square units in the array. When they give their answers, Mrs. Barnes says that they are both right.

   a. Use pictures, numbers, and words to explain how Mila and Jorge can both be right.

   b. How many square units might Mrs. Barnes' array have had?

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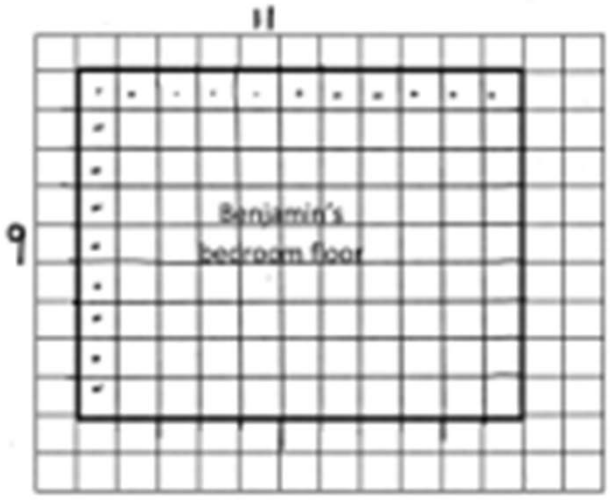


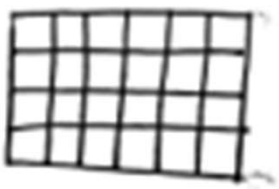
   a. Label the side lengths.
   b. Use a straight edge to draw a grid of equal size squares within the rectangle.
   c. Find the total number of squares.

$9 \times 10 = 90$
$90 + 9 = 99$ total squares

3. Mrs. Young's art class needs to create a mural that covers exactly 35 square feet. Mrs. Young marks the area for the mural as shown on the grid below. Each ☐ = 1 square foot. Did she mark the area correctly? Explain your answer.

$6 \times 7 = 42$ She marked 42 square feet, not 35. She is not correct.

4. Mrs. Barnes draws a rectangular array. Mila skip-counts by fours and Jorge skip-counts by sixes to find the total number of square units in the array. When they give their answers, Mrs. Barnes says that they are both right.
   a. Use pictures, numbers, and words to explain how Mila and Jorge can both be right.



This could be Mrs. Barnes' array. Mila skip-counted by 4 because there are 4 tiles in each column. Jorge skip-counted by 6 because there are 6 tiles in each row.

   b. How many square units might Mrs. Barnes' array have had?

For this array, it has 24 square units because $4 \times 6 = 24$.