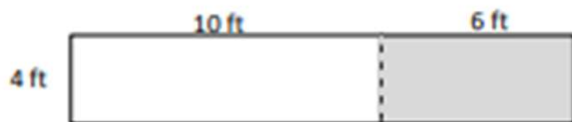
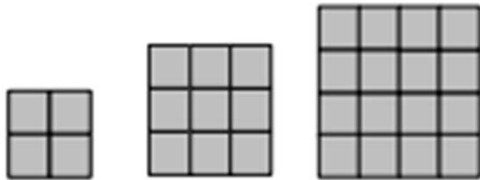


Area Word Problem Worksheets (Rectangles)

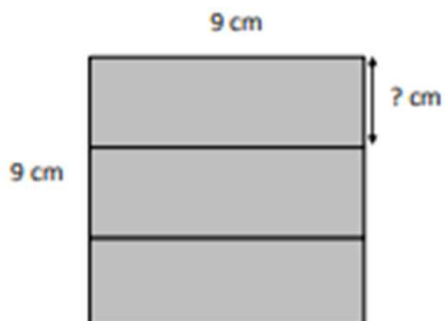
3. An artist paints a 4×16 foot mural on a wall. What is the total area of the mural? Use the break apart and distribute strategy.



4. Alana tiles the 3 figures below. She says, "I'm making a pattern!"

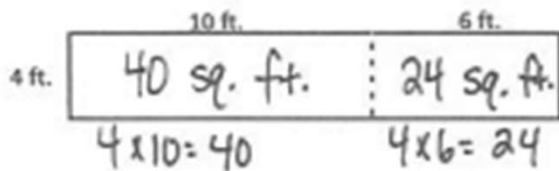


- a. Find the area of the Alana's 3 figures and explain her pattern.
- b. Draw the next 2 figures in Alana's pattern and find their areas.
5. Jermaine glues 3 identical pieces of paper as shown below and makes a square. Find the missing side length of 1 piece of paper. Then find the total area of 2 pieces of paper.



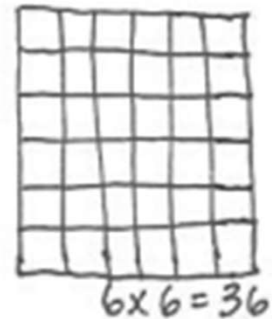
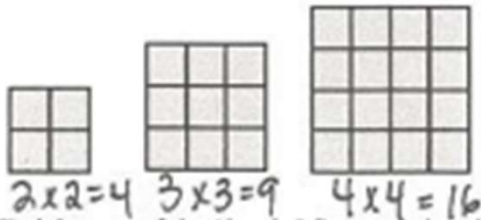
Area Word Problem Worksheets (Rectangles)

3. An artist paints a 4 x 16 foot mural on a wall. What is the total area of the mural? Use the break apart and distribute strategy.



$40 + 24 = 64$
The total area of the mural is 64 square feet.

4. Alana tiles the 3 figures below. She says, "I'm making a pattern!"

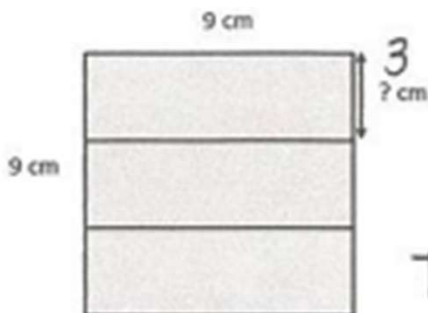


- a. Find the area of the Alana's 3 figures and explain her pattern.

Alana adds 1 row and 1 column to each figure.

- b. Draw the next 2 figures in Alana's pattern and find their areas.

5. Jermaine glues 3 identical pieces of paper as shown below and makes a square. Find the missing side length of 1 piece of paper. Then find the total area of 2 pieces of paper.



$9 \div 3 = 3 \text{ cm}$ The missing side length is 3 cm.
 $3 \times 9 = 27 \text{ sq. cm}$
 $27 + 27 = 54 \text{ sq. cm}$
 The total area of 2 pieces of paper is 54 sq. cm.