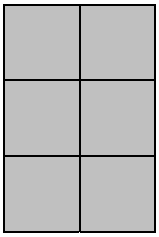
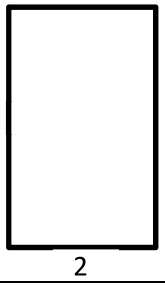
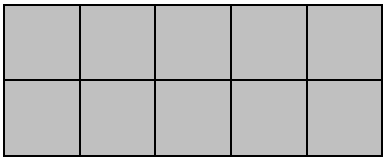
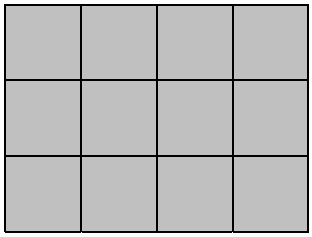
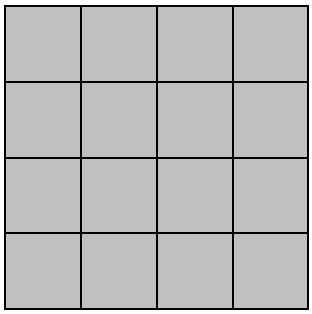
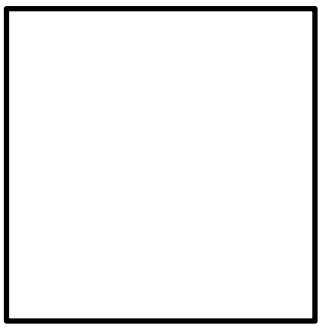
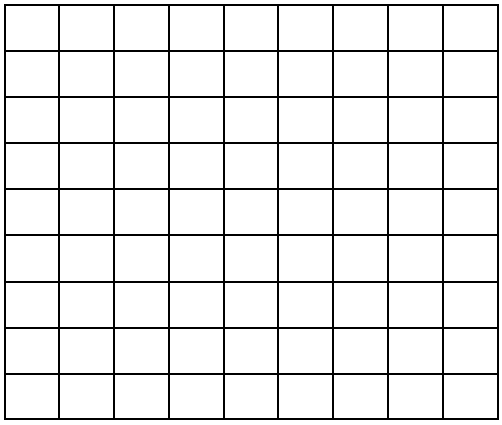
Name _____ Date _____

1. Find the area of each rectangular array. Label the side lengths of the matching area model and write a multiplication equation for each area model.

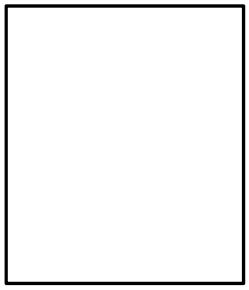
Rectangular Arrays	Area Models
a.  _____ square units	 3 × _____ = _____
b.  _____ square units	 _____ × _____ = _____
c.  _____ square units	 _____ × _____ = _____
d.  _____ square units	 _____ × _____ = _____

3. Jillian arranges square pattern blocks into a 7 by 4 array. Draw Jillian's array on the the grid below. How many square units are in Jillian's rectangular array?

   a.



   b. Label the side lengths of Jillian's array from Part (a) on the rectangle below. Then write a multiplication sentence to represent the area of the rectangle.



4. Fiona draws a 24 square-centimeter rectangle. Gregory draws a 24 square-inch rectangle. Whose rectangle is larger in area? How do you know?