

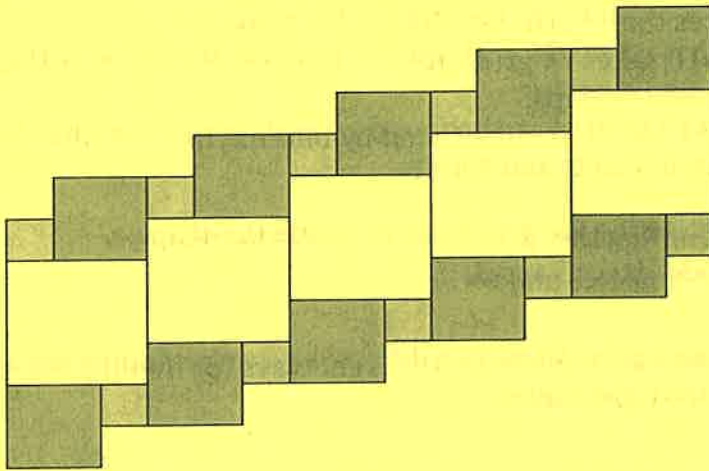
NAME _____

DATE _____

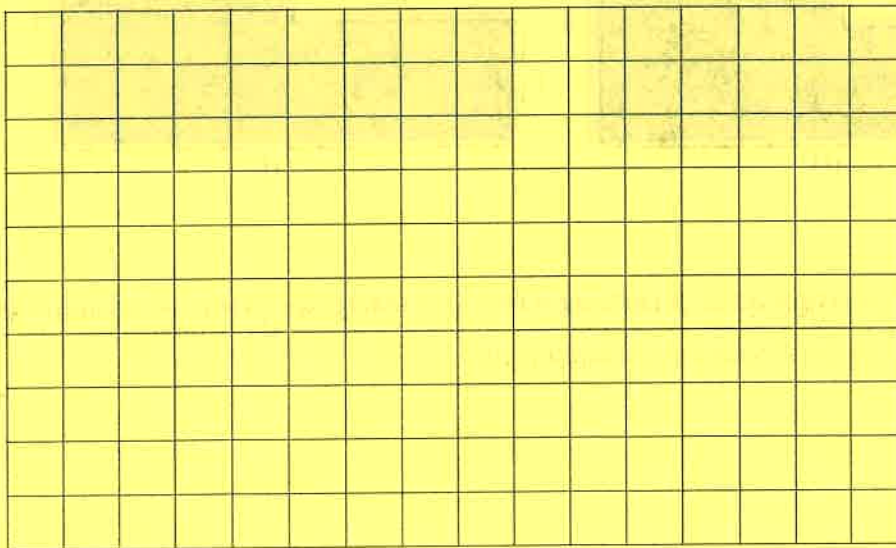
PERIOD _____

Unit 1, Lesson 1: Tiling the Plane

- Which square—large, medium, or small—covers more of the plane? Explain your reasoning.



- Draw three different quadrilaterals, each with an area of 12 square units. *4 sided*

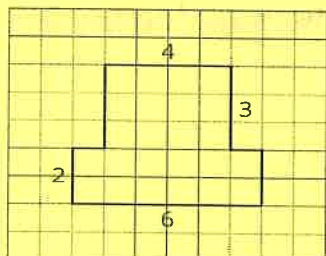


NAME _____

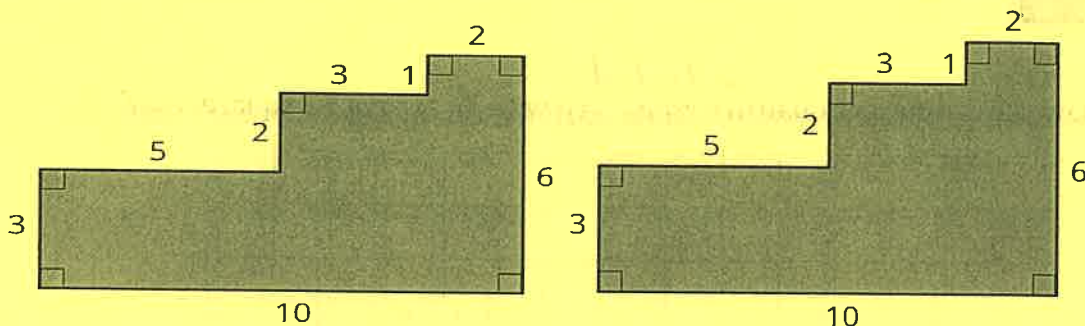
DATE _____

PERIOD _____

3. The area of this shape is 24 square units. Which of these statements is true about the area? Select **all** that apply.



- a) The area can be found by counting the number of squares that touch the edge of the shape.
 - b) It takes 24 grid squares to cover the shape without gaps and overlaps.
 - c) The area can be found by multiplying the sides lengths that are 6 units and 4 units.
 - d) The area can be found by counting the grid squares inside the shape.
 - e) The area can be found by adding 4×3 and 6×2 .
4. Here are two copies of the same figure. Show two different ways for finding the area of the shaded region. All angles are right angles.



5. Which shape has a larger area: a rectangle that is 7 inches by $\frac{3}{4}$ inch, or a square with side length of $2\frac{1}{2}$ inches? Show your reasoning.