Name:_____   Date:_____

1. **a)** Cover this shape using hexagon pattern blocks.

    How many did you use? _____ hexagon blocks
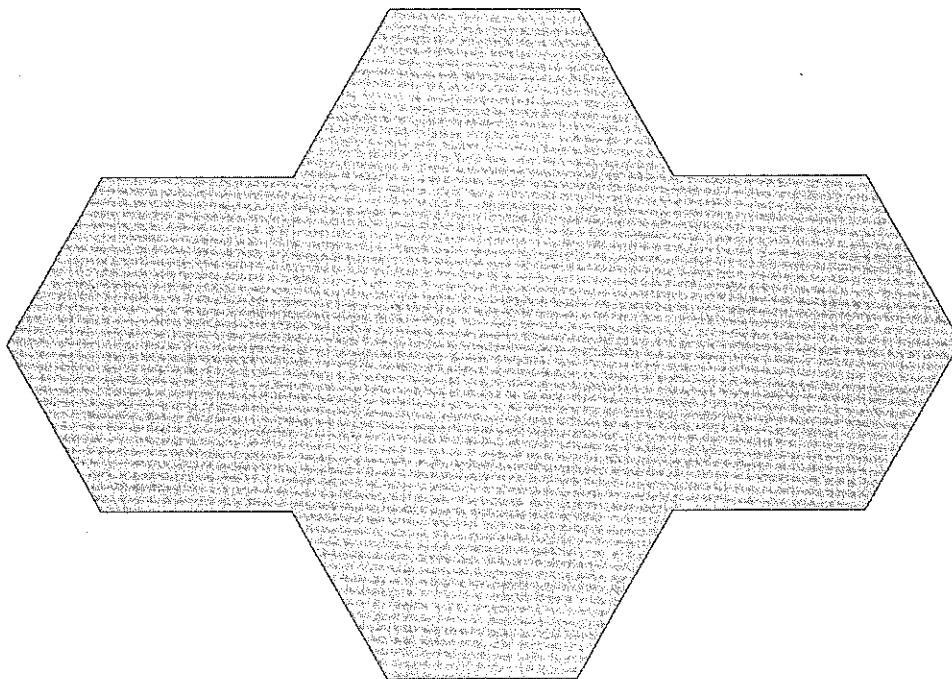
b) Cover the shape with a different type of pattern block.

Which pattern block did you use? _____

How many did you use? _____

c) Why does it make sense that you need a different number
of blocks?

_____

2. Kyla drew a rectangle that was just big enough to fit about
    6 toonies touching each other. Would she need more than
    6 pennies or fewer than 6 pennies to fit into the rectangle?
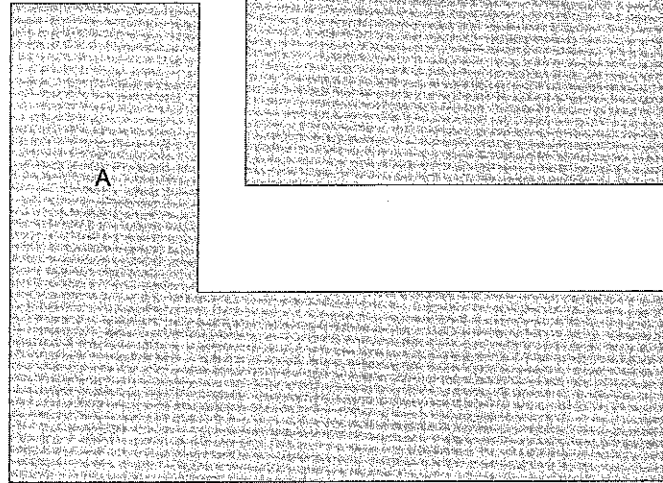
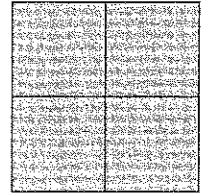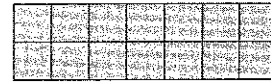   _____

    Explain your thinking.

    _____

    _____

3. a) Predict which shape has the greater area.

_____

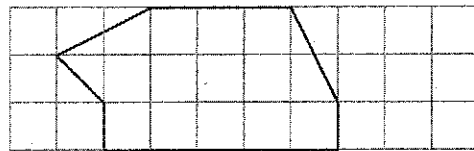**b)** Test your prediction by covering the shapes with square tiles.

c) Was your prediction correct? Why or why not?

_____

_____

_____

_____

4. Why can't you just count the squares in each shape to predict which shape has a greater area?

_____

_____

5. What is the area of the shape on this grid in square units?

_____

6. Estimate the area of the penguin picture on this square grid.

about _____