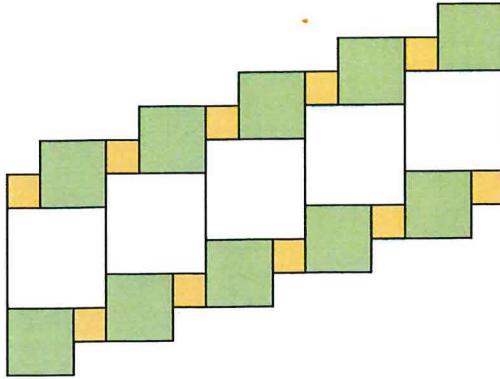


Lesson 1 Practice Problems

Problem 1

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



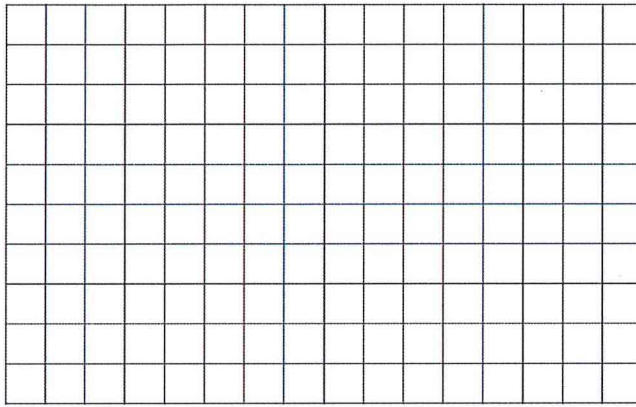
Possible Solutions

POSSIBLE SOLUTIONS

The large square covers more of the plane. Reasoning varies. Sample reasoning: A large square can fit exactly 9 small squares. A medium square can fit exactly 4 small squares. There are 5 large squares, which cover the same amount of the plane as 45 small squares. There are 10 medium squares, which cover the same amount of the plane as 40 small squares. There are only 10 small squares.

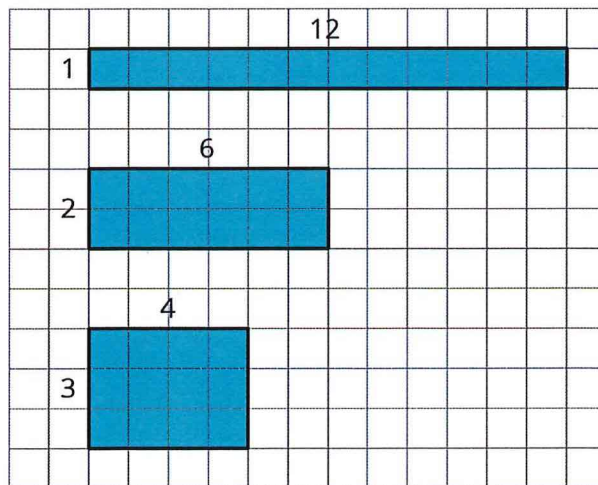
Problem 2

Draw three different quadrilaterals, each with an area of 12 square units.



Possible Solutions

Answers vary. Sample response:

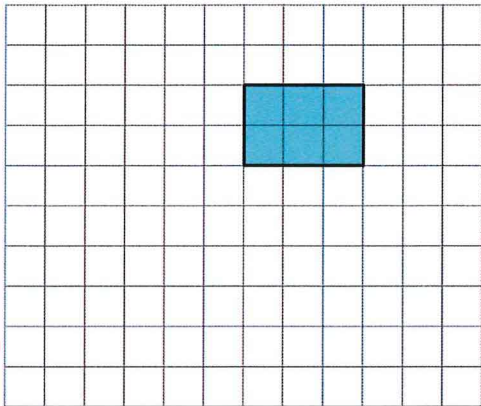


Problem 2

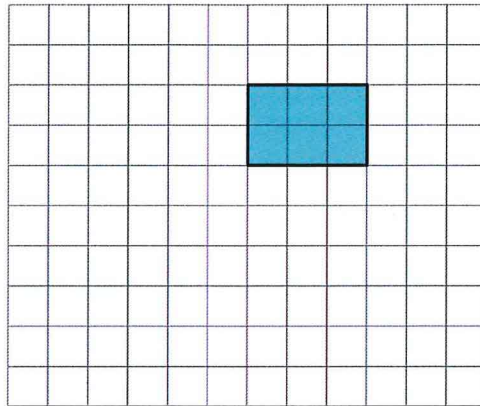
PROBLEMS

Use copies of the rectangle to show how a rectangle could:

a. tile the plane.

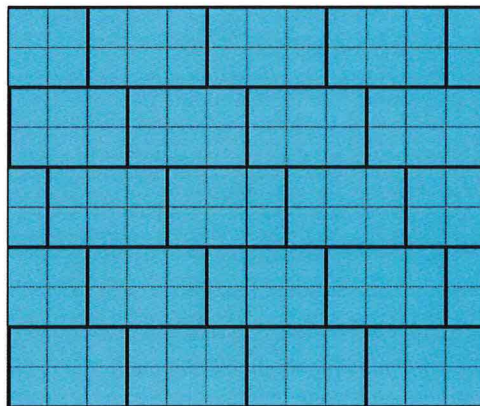


b. *not* tile the plane.

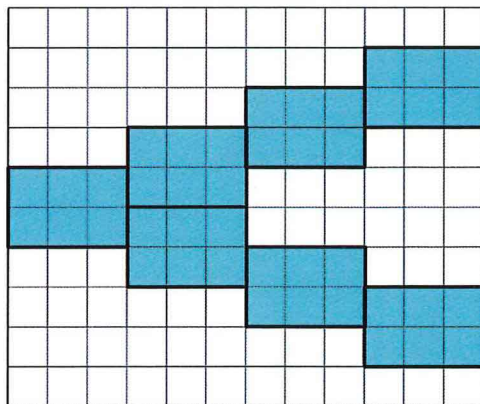


Possible Solutions

a. Answers vary. Sample response:



b. Answers vary. Sample response:



Problem 4

