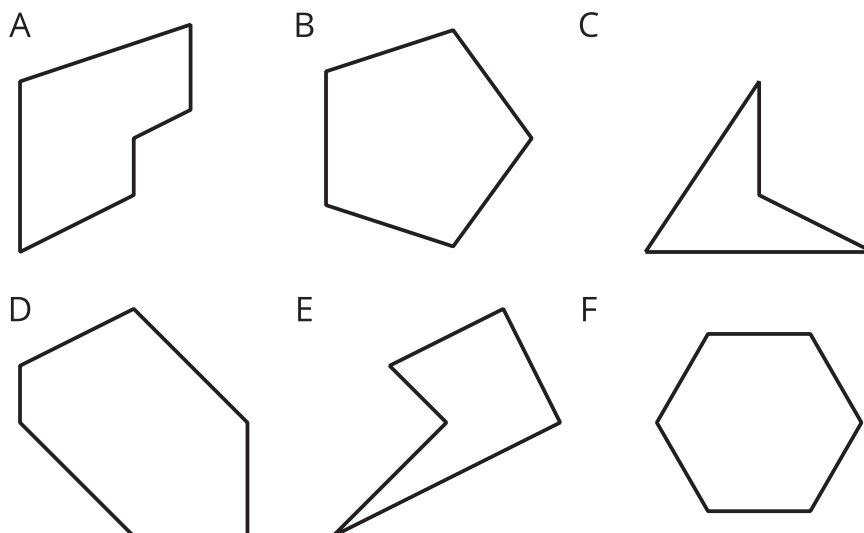


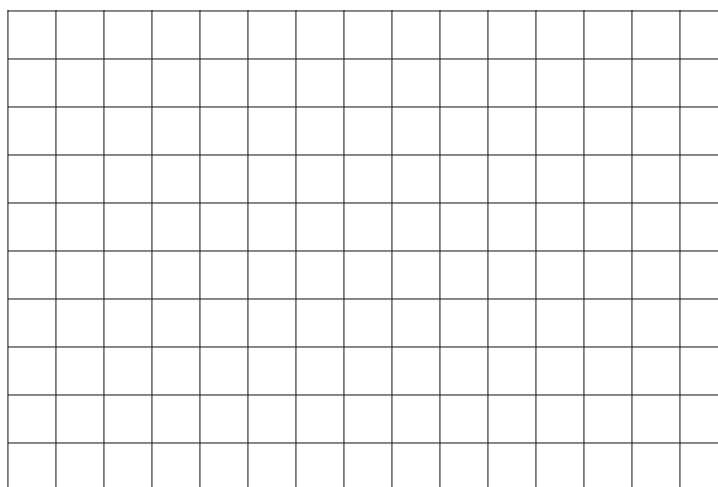
Section A: Practice Problems

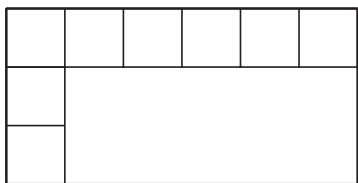
1. Pre-unit

a. Which shapes are hexagons? _____



b. Draw a quadrilateral and label it Q. Draw a pentagon and label it P.

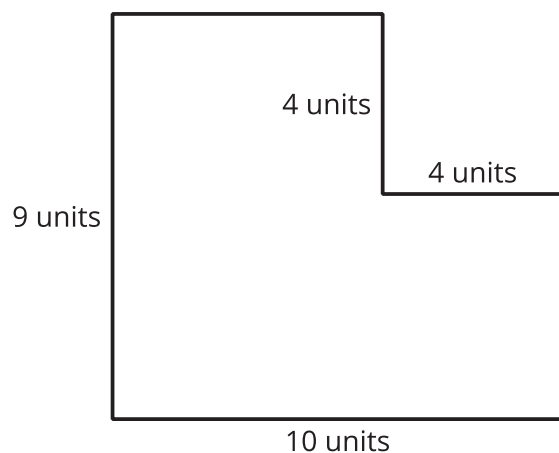


2. Pre-unit

- Finish covering the rectangle with equal-sized squares.
- Write an addition equation showing how many small squares there are in the rectangle.
- Write a multiplication equation showing how many small squares there are in the rectangle.

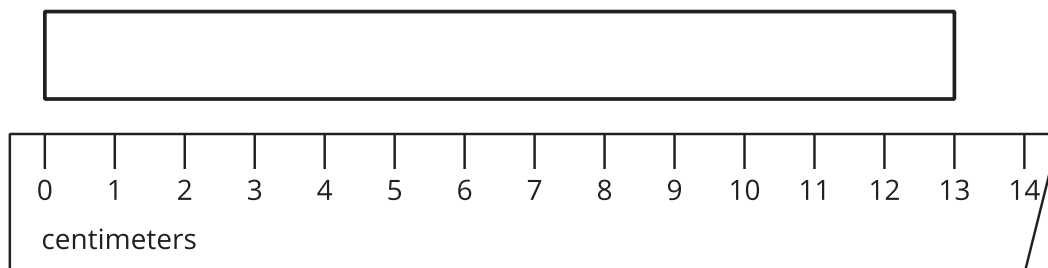
3. Pre-unit

What is the area of the figure?

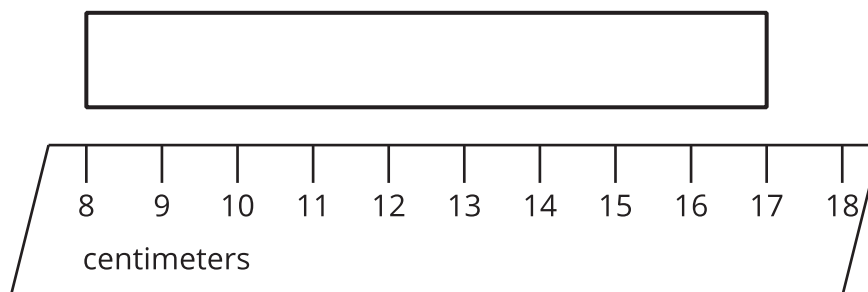
**4. Pre-unit**

Find the length of each rectangle.

a.

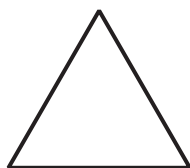


b.



5.

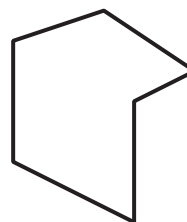
A



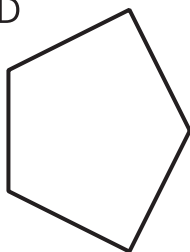
B



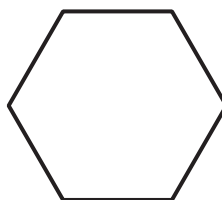
C



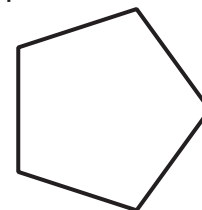
D



E



F



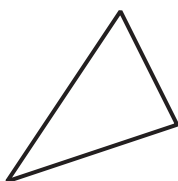
a. Which shapes have 5 angles? _____

b. Which shapes have all side lengths the same size? _____

(From Unit 7, Lesson 1.)

6.

A



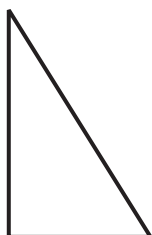
B



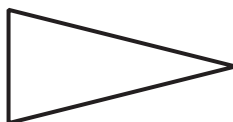
C



D



E



F



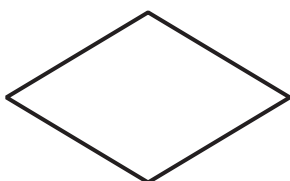
a. Which triangles have one right angle? _____

b. Which triangles have two sides that are the same length? _____

(From Unit 7, Lesson 2.)

7. One of these quadrilaterals is Diego's mystery quadrilateral.

A



B



C



D

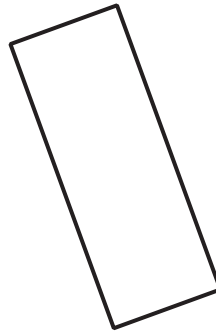


List some questions you would ask to figure out Diego's mystery quadrilateral.
How would the answers help you figure out which quadrilateral it is?

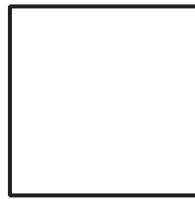
(From Unit 7, Lesson 3.)

8. Select **all** of the quadrilaterals that are rectangles.

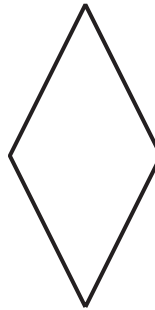
A.



B.



C.



D.

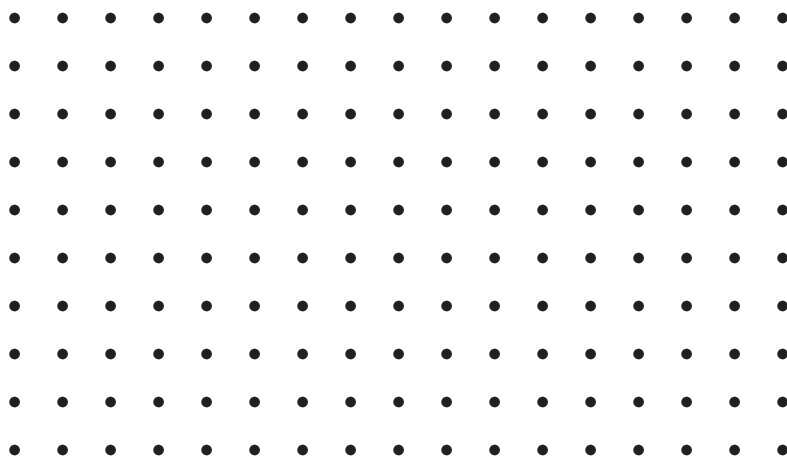


E.



(From Unit 7, Lesson 4.)

9.



- a. Draw a quadrilateral that is *not* a rhombus and label it A. Explain why your shape is not a rhombus.

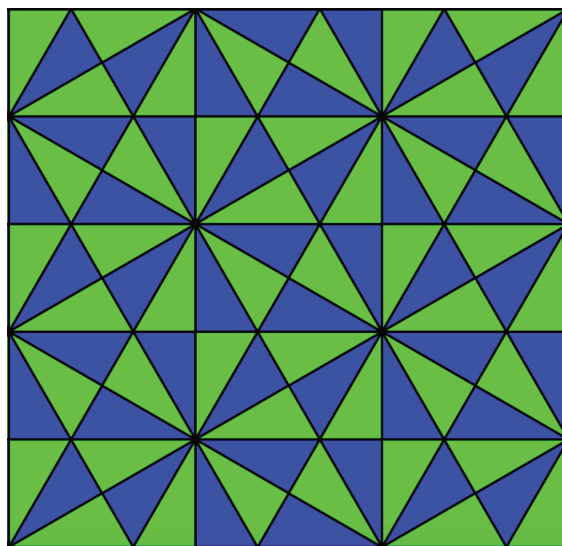
- b. Draw a quadrilateral that is *not* a rectangle and label it B. Explain why your shape is not a rectangle.

(From Unit 7, Lesson 5.)

10. Exploration

Find one of each of the following shapes in the image.

- a. A triangle with a right angle
- b. A triangle with 3 equal sides
- c. A rhombus
- d. A rectangle
- e. A square

**11. Exploration**

Do any of the triangles have:

- a. a right angle?
- b. two equal sides?
- c. three equal sides?

