

Practice Test for Eureka Math Mid Module 7 Assessment

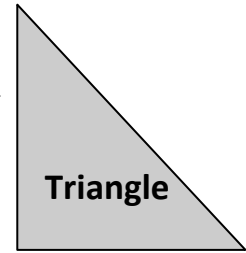
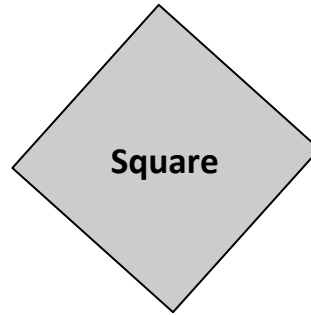
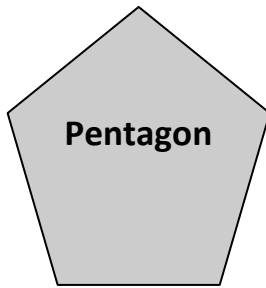
Geometry and Measuring

Name _____

Date _____

1. Use the shapes below to answer the following questions:

- Circle the shape(s) with only one pair of parallel sides.
- Cross out the shape(s) with two pairs of parallel sides.



- Which of these shapes are not quadrilaterals? Explain how you know.



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2. Use your ruler and protractor to draw the following shapes.
- a. Draw a shape with two pairs of parallel lines. Name your shape.



- b. Draw a shape with no right angles, no equal sides, and four sides. Label the side lengths.



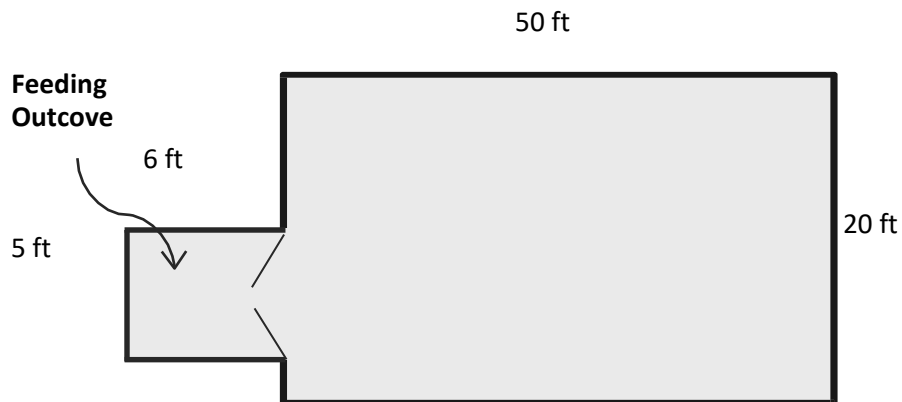
- c. Draw a trapezoid using two other shapes. Label the side lengths.



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3. Mrs. Avila is in the process of building a chicken coop. The coop is 6 meters long and 8 meters wide. How many meters of fence does Mrs. Avila need to use? Draw a picture and write an equation to show your thinking.

4. Julie wants to put a fence around her barn and feeding outcove. Her barn is 20 feet wide and 50 feet long. Her feeding outcove is 5 feet wide and 6 feet long.

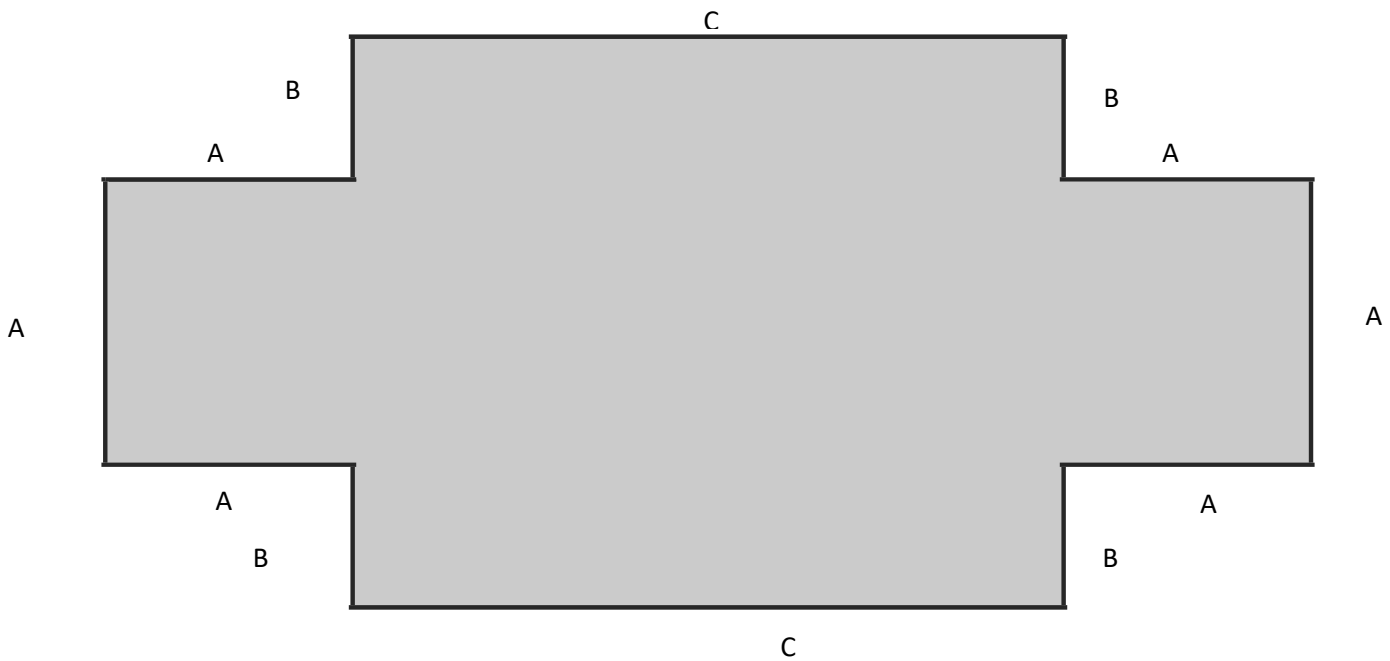


- a. Fencing is sold by the foot. How many feet of fencing does Julie need to go around her barn and feeding outcove? Show your work.
- b. How much more fencing does Julie need for her barn and feeding outcove? Write and solve an equation. Use a letter to represent the unknown.

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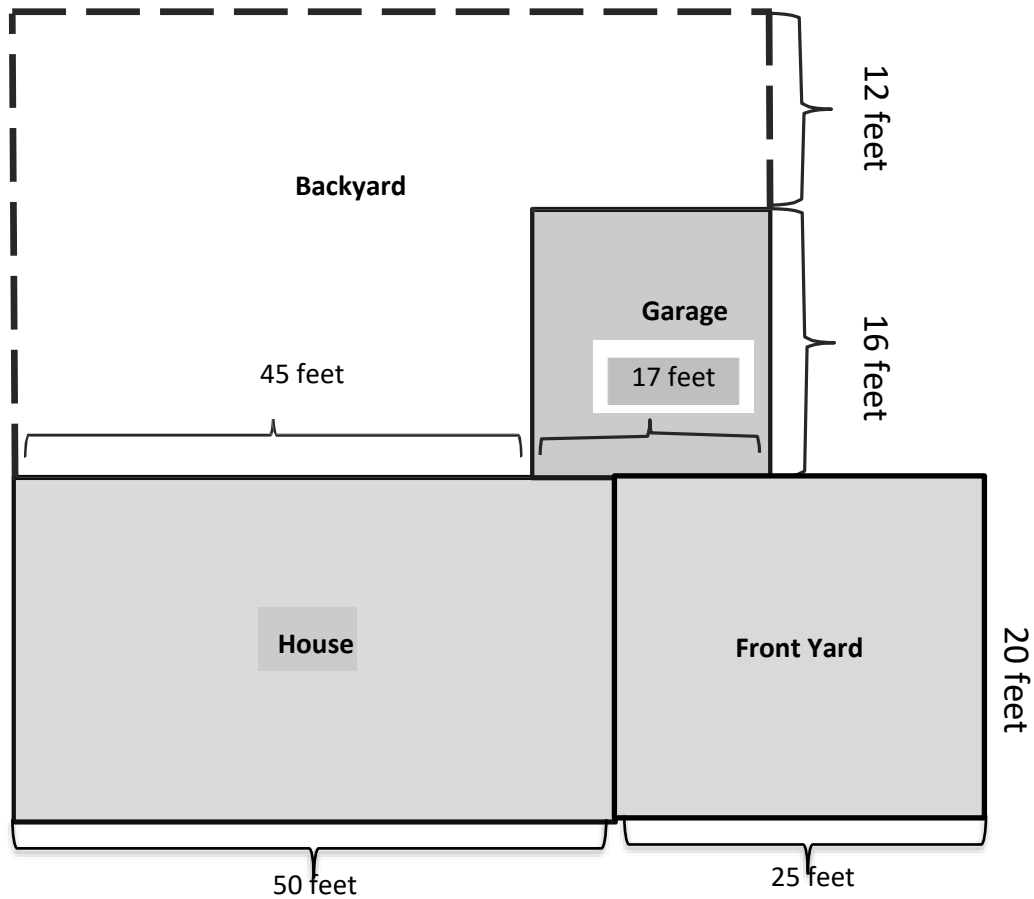
5. The figure below is composed of rectangles. Use the picture and the descriptions to find the perimeter of the shape. Show your work.

- Each side labeled with **A** is 7 inches.
- Each side labeled with **B** is 4 inches.
- Each side labeled with **C** is 12 inches.



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6. Mrs. Rodriguez's property is shown below.



Mr. Rodriguez wants to build a fence along the dotted lines up to the garage. How many feet of fence does Mr. Rodriguez need in order to build the fence? Show your work.