



MATH TODAY



Grade 3, Module 7, Topic D

3rd Grade Math

Module 7: Geometry and Measurement Word Problems

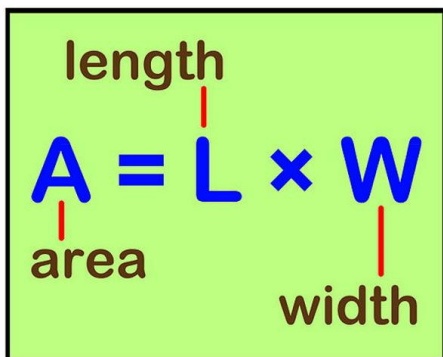
Math Parent Letter

This document is created to give parents and students a better understanding of the math concepts found in the Engage New York material which is taught in the classroom. Module 7 of Engage New York covers practice with word problems, as well as hands-on investigation experiences with geometry and perimeter. This newsletter will discuss Module 7, Topic D.

Topic D: Recording Perimeter and Area Data on Line Plots

Things to Remember!!!

Area = length x width

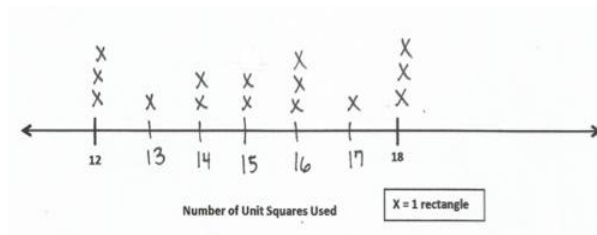


Focus Area- Topic D

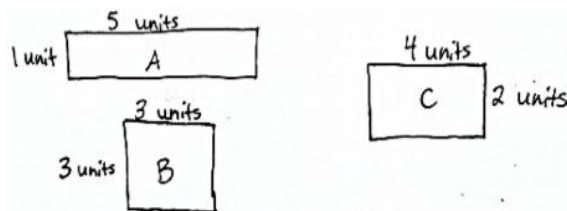
Recording Perimeter and Area Data on Line Plots

Vocabulary Words

- Area: the measurement of two-dimensional space in a bounded region
- Attribute: any characteristic of a shape, including properties and other characteristics.
- Perimeter: boundary or length of the boundary of a two-dimensional shape
- Polygon: a closed figure with three or more straight sides
- Tessellation: to tile a plane without gaps or overlaps
- Line Plot



Draw as many rectangles as you can with a perimeter of 12 units. Label the side lengths.



Determine the area of rectangles A, B, and C.

Area of A =
5 units x 1 unit = 5 square units

Area of B =
3 units x 3 units = 9 square units

Area of C =
2 units x 4 units = 8 square units

Home and School Connection Activities:

- 1 Construct rectangles from a given number of unit squares.
- 2 Measure the perimeter and area of the rooms in your home to determine which rooms are the smallest and largest
- 3 Use grid paper to make rectangles with the same perimeters. Determine the area of each rectangle