

Fifth Grade Unit 7-

Multi of Mixed Numbers, Geometry, Graphs

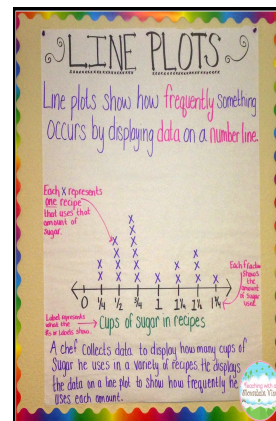
In this unit students will:

- Multiply mixed numbers by whole numbers, fractions, and mixed numbers.
- Find the areas of rectangles with fractional side lengths by multiplying.
- Represent fraction products as rectangular areas.
- Justify the area formula for a rectangle with fractional side lengths by tiling.
- Solve real-world problems involving division of unit fractions by whole numbers.
- Solve real-world problems involving division of whole numbers by unit fractions.
- Understand that shapes in a subcategory have all the attributes of shapes in a parent category.
- Classify 2-dimensional figures in a hierarchy based on properties.
- Solve number stories involving fraction addition and subtraction.
- Organize and represent data on line plots.
- Interpret coordinate values of points in context

Ideas for Home:

Have your child measure the length and width of rectangular objects to the nearest $\frac{1}{2}$ or $\frac{1}{4}$ inch and multiply the dimensions to find the area of the objects in square inches.

Have your child measure a set of objects (such as pens, pencils, or crayons) to the nearest $\frac{1}{2}$, $\frac{1}{4}$ or $1/8$ inch and organize the data on a line plot.



Please note: The activities above are not homework. They are suggestions for supporting learning at home. Please consult with your child's teacher for homework and specific suggestions related to your child's needs.

Websites:

- 1.) <http://www.sheppardsoftware.com/math.htm>
- 2.) <https://www.ixl.com/math/grade-5>
- 3.) <https://www.turtlediary.com/games/fifth-grade.html>
- 4) <https://cainc.i-ready.com>