February News

What We Are Learning

Math
Equivalent Fractions, Adding and Subtracting Fractions

Social Studies
Constitution, War of 1812, James Madison

Science
Sound and Light

Reading
Mythology, Story Elements, Text Connections, Hypothesizing, Written Responses to Questions

Language
Informational Writing, Using Quotation Marks, Written Responses to Questions

Reminders

- Accelerated Math is homework **every night in math.** Your child should be completing 2 scans of 80% or higher each week.
- Read at least 30 minutes a night to reach your weekly reading goals for AR.

Important Dates

February 14 - Progress Report 3 Issued

February 14 - Valentine's Party at 12:45

February 20-24 - Mid Winter Break (No School)

Please remember you can always find resources for math and other areas on our 4th grade website.

4thgradewestern.weebly.com

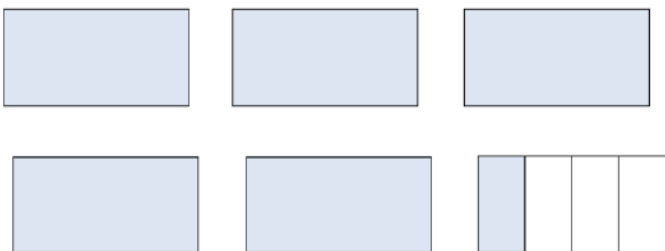## Examples to Help Your Child with Math

Example of word problem:

Mary and Lacey decide to share a pizza. Mary ate $\frac{3}{6}$ and Lacey ate $\frac{2}{6}$ of the pizza. How much of the pizza did the girls eat together?

Possible solution: The amount of pizza Mary ate can be thought of a $\frac{3}{6}$ or $\frac{1}{6} + \frac{1}{6} + \frac{1}{6}$. The amount of pizza Lacey ate can be thought of a $\frac{1}{6} + \frac{1}{6}$. The total amount of pizza they ate is $\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$ or $\frac{5}{6}$ of the pizza. A fraction with a numerator of one is called a unit fraction. When students investigate fractions other than unit fractions, such as 2/3, they should be able to join (compose) or separate (decompose) the fractions of the same whole.
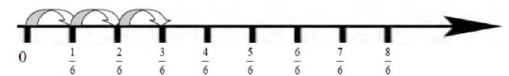
Example: $\frac{2}{3} = \frac{1}{3} + \frac{1}{3}$

While solving the problem, $3\frac{3}{4} + 2\frac{1}{4}$, students could do the following:
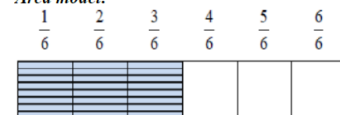

Example: $\frac{3}{6} = \frac{1}{6} + \frac{1}{6} + \frac{1}{6} = 3 \times \frac{1}{6}$

Number line:

Area model:

$\frac{1}{6}$ $\frac{2}{6}$ $\frac{3}{6}$ $\frac{4}{6}$ $\frac{5}{6}$ $\frac{6}{6}$

There are more on our website