Dear Parents,

Fifth Grade is coming to an end! At this time, students are reviewing standards learned, mastering standards, and possibly previewing standards for sixth grade. The fifth-grade focus was to:

- Compute with fractions and decimals
- Understanding volume
- Applying the understanding of the coordinate plane

Concepts students may preview for 6th Grade

- 6.NS.1 Interpret and compute quotients of fractions using the traditional algorithm
  \[ \frac{\frac{3}{4}}{\frac{1}{4}} = \frac{3}{1} = 3 \]
- 6.NS.3 Fluently add, subtract, multiply, and divide multi-digit decimals using the standard algorithm for each operation.

Vocabulary

- **Quotient**: answer to a division problem
- **Fluently**: accurately and efficiently
- **Reciprocal**: two numbers whose product is 1

Example 1

Six friends share ¾ of a cake. How much of the cake does each friend get?

\[ 6 \div \frac{3}{4} = \frac{1}{8} \text{ piece of cake} \]

**Solution**: Each friend gets 1/8 piece of the cake.
Example 2

Henry plans to purchase 39 games that cost $6.70 each. Henry determined that he would need $80.40. Review Henry's calculations to determine what error he made.

\[
\begin{array}{c}
2 \\
6 \\
6 .7 \\
\times 3 9 \\
\hline 6 0 3 \\
+ 2 0 1 \\
8 0 .4 \\
\end{array}
\]

A. basic fact mistake
B. error in regrouping
C. error in addition
D. place value error

Example 3

Sophia’s dad paid $43.25 for 12.5 gallons of gas. What is the cost of one gallon of gas?

Home Activities

- When grocery shopping, have your child figure out the cost for multiple items.
- Have your child figure out the mileage from place to place as you drive.
- When at the gas station, have your child figure out how much your bill will be based on the number of gallons of gas.
- Children may measure a length of something at home and then divide in half and thirds.
- Give children scenarios to discover: you make this amount of money and work so many hours, how much money do you make per hour?; a horse eats about 5.75 lbs. of grain twice a day, how much grain do they eat in 30 days?