



Fifth Grade Unit 8 Review, Mastery, and Extend

Volume 8 Issue 1

References

Helpful Links:

Links for Parents to build background knowledge to preview 6th Grade:

(6.NS.1)

<https://www.youtube.com/watch?v=IzICX9X8Ff0>

(6.NS.1)

https://learnzillion.com/lesson_plans/7615-computing-quotients-using-the-fractions-division-rule

(6.NS.3)

<https://learnzillion.com/resources/72552-perform-operations-with-decimals-using-the-standard-algorithm-6-ns-b-3>

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
 $2\frac{1}{2} \div \frac{1}{4} = \underline{\hspace{2cm}}$
- 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

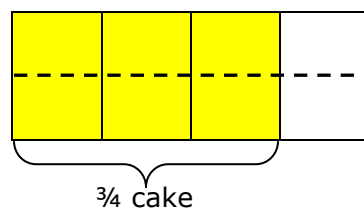
Georgia Math Grade 5 Textbook

Textbook Online:

connected.mcgraw-hill.com

Ask your teacher for the online passcode

Six friends share $\frac{3}{4}$ of a cake. How much of the cake does each friend get?



$$6 \div \frac{3}{4} \text{ cake} = 1/8 \text{ piece of cake}$$

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.

$$\begin{array}{r} 2 \\ 6 \\ 6 \\ x \ 3 \ .7 \\ \hline 6 \ 0 \ 3 \\ + \ 2 \ 0 \ 1 \\ \hline 8 \ 0 \ .4 \end{array}$$

- 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?