

Fifth Grade Unit 6-

Measurement, Decimal Multiplication, Division

In this unit students will:

- Multiply or divide decimals by powers of 10; explain the decimal-point placement in the answer.
- Convert among measurement units within the same system.
- Use measurement conversions to solve multi-step, real-world problems.
- Add and subtract mixed numbers with unlike denominators.
- Solve number stories involving fraction addition and subtraction.
- Organize and represent data on line plots.
- Solve problems involving fractional data on line plots.
- Apply formulas to find volumes of rectangular prisms.
- Find volumes of figures composed of right rectangular prisms.
- Solve real-world problems involving volumes of figures composed of prisms.
- Recognize volume as an attribute of solid figures.
- Make and use estimates for decimal multiplication and division problems.
- Multiply and divide decimals using models and strategies.
- Fluently multiply multidigit whole numbers using the standard algorithm.
- Compare and order decimals.
- Add and subtract decimals using models and strategies.

Ideas for Home:

-Have your child design and conduct an informal survey. Help him or her collect and organize the data, and then describe the data using data landmarks. Challenge your child to create different ways to present the data.

Practice adding and subtracting mixed numbers with unlike denominators. Watch this video for a lesson on how to do this:

<https://www.khanacademy.org/math/in-seventh-grade-math/rational-numbers/copy-of-addition-subtraction-fractions/v/adding-mixed-numbers-with-unlike-denominators>

<https://www.khanacademy.org/math/arithmetic/fraction-arithmetic/arith-review-add-sub-mix-num-w-unlike-den/v/adding-subtracting-mixed-numbers-1-ex-2>

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>