

# TOP 7 MATH SKILLS TO MASTER BEFORE 5TH GRADE

Make sure your student is ready for 5th grade using this guide. It covers all the prerequisite skills that are going to be most important for success in 5th grade math, so make sure they are comfortable with all of them!

1

## MULTIPLICATION

By the time a student walks into 5th grade they should be able to multiply up to a 3 digit number by a 3 digit number. Students not comfortable with multi digit multiplication will struggle with 5th grade math.

2

## LONG DIVISION

Every student entering 5th grade should be able to use long division to divide a 4 digit number by a one digit number easily. Long division will be more difficult this year and this foundation is essential.

3

## DECIMALS

By 5th grade, teachers expect their students to have a firm grasp of decimal place value and the relationship between decimals and fractions. Students should be able to identify place values and compare decimals to the hundredths.

4

## AREA AND PERIMETER

In 5th grade students will learn about volume. To succeed they will need to be able to fluently calculate area and perimeter for rectangles and shapes composed of rectangles.

5

## CONVERTING FRACTIONS

The ability to fluently work with fractions in different forms is a fundamental skill in the upcoming year. Students must be able to simplify fractions, use equivalent fractions, and convert between improper fractions and mixed numbers.

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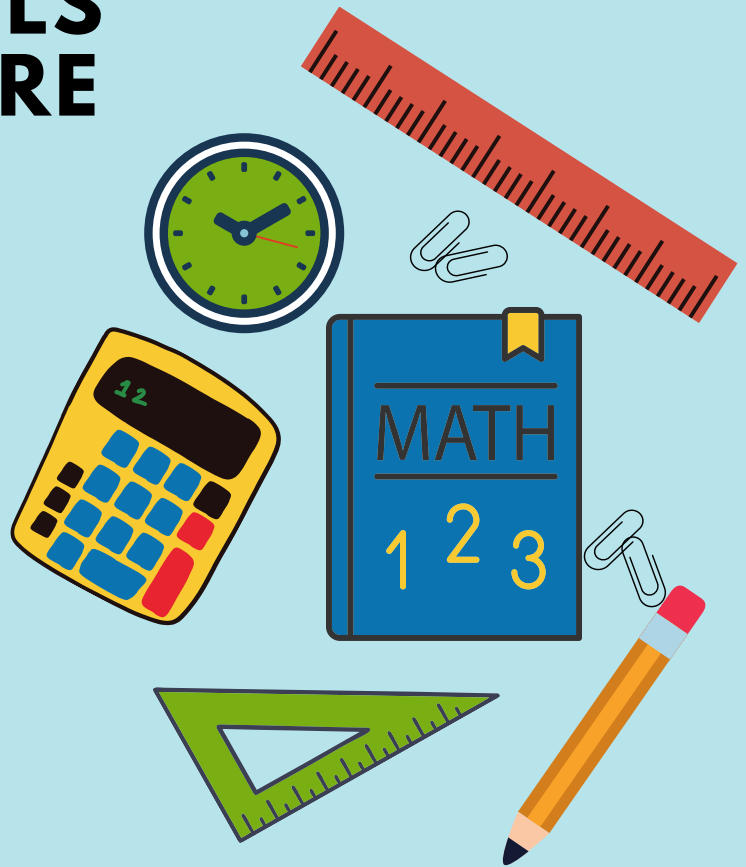
## ADDING AND SUBTRACTING FRACTIONS

Students must be able to add and subtract fractions as well as mixed numbers with like denominators. They should be comfortable with regrouping and borrowing with fractions. Without these skills adding and subtracting with unlike denominators will be impossible next year.

7

## UNIT CONVERSIONS

Every student entering 5th grade should be able to solve multi-step unit conversion word problems using standard units for length, volume and weight. They will be expected to use these skill in problems from every topic this year.





# **MATHEASE TUTORING**

**Worried your student's skills don't stack up?**

**We'll teach your child the way that makes sense to them.**

**Help Your Child Thrive in 5th Grade**

**Call 702-436-6964 or Email [mathease@me.com](mailto:mathease@me.com)**