**CTRL + CLICK on the** Blue Links **to access tutoring materials.**

**1. Long Multiplication**

Video - [Long Multiplication](https://www.khanacademy.org/math/arithmetic/arith-review-multiply-divide/arith-review-multi-digit-mult/v/multiplication-6-multiple-digit-numbers)

Practice - [Long Multiplication](https://www.khanacademy.org/math/arithmetic/arith-review-multiply-divide/arith-review-multi-digit-mult/e/multiplication_4)

**2. Long Division**

Video - [Long Division](https://www.khanacademy.org/math/arithmetic/arith-review-multiply-divide/arith-review-mult-digit-div-2/v/dividing-by-a-two-digit-number)

Practice - [Long Division](https://www.khanacademy.org/math/arithmetic/arith-review-multiply-divide/arith-review-mult-digit-div-2/e/division_3)

**3. Rounding**

Video - [Place Value](https://www.khanacademy.org/math/arithmetic/arith-decimals/arith-review-decimals-intro/v/introduction-to-decimals)

Video - [Rounding Decimals](https://www.khanacademy.org/math/arithmetic/arith-decimals/arith-review-rounding-decimals/v/rounding-decimals)

Practice - [Rounding Numbers](https://www.khanacademy.org/math/arithmetic/arith-decimals/arith-review-rounding-decimals/e/rounding_numbers)

Practice - [Rounding Decimals](https://www.khanacademy.org/math/arithmetic/arith-decimals/arith-review-rounding-decimals/e/rounding-decimals)

**4. Operations with Integers**

Video - [Order of Operations](https://www.khanacademy.org/math/pre-algebra/pre-algebra-arith-prop/pre-algebra-order-of-operations/v/what-order-to-do-operations-in)

Practice - [Order of Operations](https://www.khanacademy.org/math/pre-algebra/pre-algebra-arith-prop/pre-algebra-order-of-operations/e/order-of-operations-3rd)

**5. Order of Operations with Exponents**

Video - [Order of Operations Example 1](https://www.khanacademy.org/math/pre-algebra/pre-algebra-arith-prop/pre-algebra-order-of-operations/v/order-of-operations)

Video - [Order of Operations Example 2](https://www.khanacademy.org/math/pre-algebra/pre-algebra-arith-prop/pre-algebra-order-of-operations/v/more-complicated-order-of-operations-example)

Practice - [Order of Operations w/ Exponents](https://www.khanacademy.org/math/pre-algebra/pre-algebra-arith-prop/pre-algebra-order-of-operations/e/order_of_operations_2)

**6. Reducing/Simplifying Fractions**

Video - [Learning About Equivalent Fractions and Factors](https://www.khanacademy.org/math/arithmetic/fraction-arithmetic/arith-review-visualizing-equiv-frac/v/equivalent-amount-of-pizza)

Video - [Reducing/Simplifying Fractions](https://www.khanacademy.org/math/arithmetic/fraction-arithmetic/arith-review-visualizing-equiv-frac/e/equivalent-fraction)

Practice - [Reducing/Simplifying Fractions](https://www.khanacademy.org/math/arithmetic/fraction-arithmetic/arith-review-visualizing-equiv-frac/e/simplifying_fractions)

**7. Comparing Fractions**

Video - [Comparing Fractions Example 1](https://www.khanacademy.org/math/arithmetic/fraction-arithmetic/arith-review-comparing-fractions/v/comparing-fractions)

Video - [Comparing Fractions Example 2](https://www.khanacademy.org/math/arithmetic/fraction-arithmetic/arith-review-comparing-fractions/v/comparing-fractions-2)

Practice - [Comparing Fractions](https://www.khanacademy.org/math/arithmetic/fraction-arithmetic/arith-review-comparing-fractions/e/comparing_fractions_2)

**8. Ordering Fractions**

Video - [Ordering Fractions](https://www.khanacademy.org/math/arithmetic/fraction-arithmetic/arith-review-comparing-fractions/v/order-fractions)

Practice - [Ordering Fractions](https://www.khanacademy.org/math/arithmetic/fraction-arithmetic/arith-review-comparing-fractions/e/ordering_fractions)

**9. Converting Between Improper and Mixed Fractions**

Video - [Changing a Mixed Number to an Improper Fraction](https://www.khanacademy.org/math/arithmetic/fraction-arithmetic/arith-review-mixed-number/v/changing-a-mixed-number-to-an-improper-fraction)

Video - [Changing an Improper Fraction to a Mixed Number](https://www.khanacademy.org/math/arithmetic/fraction-arithmetic/arith-review-mixed-number/v/changing-an-improper-fraction-to-a-mixed-number)

Practice - [Converting Mixed Number and Improper Fractions](https://www.khanacademy.org/math/arithmetic/fraction-arithmetic/arith-review-mixed-number/e/converting_mixed_numbers_and_improper_fractions)

**10. Fraction Multiplication/Division**

Video - [Multiplying Fractions](https://www.khanacademy.org/math/arithmetic/fraction-arithmetic/arith-review-multiply-fractions/v/multiplying-fractions)

Practice - [Multiplying Fractions](https://www.khanacademy.org/math/arithmetic/fraction-arithmetic/arith-review-multiply-fractions/e/multiplying_fractions_0.5)

Article - [Multiplying Fractions Review](https://www.khanacademy.org/math/arithmetic/fraction-arithmetic/arith-review-multiply-fractions/a/multiplying-fractions-review)

Video - [Dividing Fractions](https://www.khanacademy.org/math/arithmetic/fraction-arithmetic/arith-review-dividing-fractions/v/dividing-fractions-example)

Practice - [Dividing Fractions](https://www.khanacademy.org/math/arithmetic/fraction-arithmetic/arith-review-dividing-fractions/e/dividing_fractions_1.5)

Article - [Dividing Fractions Review](https://www.khanacademy.org/math/arithmetic/fraction-arithmetic/arith-review-dividing-fractions/a/dividing-fractions-review)

**11. Fraction Addition/Subtraction**

Video - [Adding Small Fractions with Unlike Denominators](https://www.khanacademy.org/math/arithmetic/fraction-arithmetic/arith-review-add-sub-fractions/v/adding-small-fractions-with-unlike-denominators)

Practice - [Adding Fractions with Unlike Denominators](https://www.khanacademy.org/math/arithmetic/fraction-arithmetic/arith-review-add-sub-fractions/e/adding_fractions)

Video - [Subtracting Small Fractions with Unlike Denominators](https://www.khanacademy.org/math/arithmetic/fraction-arithmetic/arith-review-add-sub-fractions/v/subtracting-small-fractions-with-unlike-denominators)

Practice - [Subtracting Fractions with Unlike Denominators](https://www.khanacademy.org/math/arithmetic/fraction-arithmetic/arith-review-add-sub-fractions/e/subtracting_fractions)

Video - [Adding and Subtracting Mixed Numbers Example 1](https://www.khanacademy.org/math/arithmetic/fraction-arithmetic/arith-review-add-sub-mix-num-w-unlike-den/v/adding-subtracting-mixed-numbers-1-ex-1)

Video - [Adding and Subtracting Mixed Numbers Example 2](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)

Practice - [Adding and Subtracting Mixed Numbers](https://www.khanacademy.org/math/arithmetic/fraction-arithmetic/arith-review-add-sub-mix-num-w-unlike-den/e/adding_subtracting_mixed_numbers_1)

**12. Decimal Addition/Subtraction**

Video - [Adding Decimals Example](https://www.khanacademy.org/math/arithmetic/arith-decimals/arith-review-add-decimals/v/adding-decimals-example-2)

Practice - [Adding Decimals](https://www.khanacademy.org/math/arithmetic/arith-decimals/arith-review-add-decimals/e/adding_decimals_2)

Video - [Subtracting Decimals Example](https://www.khanacademy.org/math/arithmetic/arith-decimals/arith-review-sub-decimals/v/subtracting-decimals-up-to-thousandths-place)

Practice - [Subtracting Decimals](https://www.khanacademy.org/math/arithmetic/arith-decimals/arith-review-sub-decimals/e/subtracting_decimals_2)

**13. Decimal Multiplication**

Video - [Decimal Multiplication](https://www.khanacademy.org/math/arithmetic/arith-decimals/arith-review-multiplying-decimals/v/more-involved-multiplying-decimals-example)

Practice - [Multiplying Decimals](https://www.khanacademy.org/math/arithmetic/arith-decimals/arith-review-multiplying-decimals/e/understand-multiplying-decimals)

Practice - [Multiplying Larger Decimals](https://www.khanacademy.org/math/arithmetic/arith-decimals/arith-review-multiplying-decimals/e/multiply-decimals--up-to-4-digit-factors-)

**14. Decimal Division**

Video - [Decimal Long Division](https://www.khanacademy.org/math/arithmetic/arith-decimals/arith-review-dividing-decimals/v/long-division-with-decimals)

Practice - [Decimal Long Division](https://www.khanacademy.org/math/arithmetic/arith-decimals/arith-review-dividing-decimals/e/dividing_decimals_3)

**15. Converting Between Fractions, Decimals, and % (Percents)**

**Decimals --> Fractions**

Video - [Converting Decimals to Fractions Example 1](https://www.khanacademy.org/math/arithmetic/arith-decimals/arith-review-decimals-to-fractions/v/converting-decimals-to-fractions-1-ex-1)

Video - [Converting Decimals to Fractions Example 2](https://www.khanacademy.org/math/arithmetic/arith-decimals/arith-review-decimals-to-fractions/v/converting-decimals-to-fractions-1-ex-2)

Video - [Converting Decimals to Fractions Example 3](https://www.khanacademy.org/math/arithmetic/arith-decimals/arith-review-decimals-to-fractions/v/converting-decimals-to-fractions-1-ex-3)

Practice - [Converting Decimals to Fractions](https://www.khanacademy.org/math/arithmetic/arith-decimals/arith-review-decimals-to-fractions/e/converting_decimals_to_fractions_1)

**Fractions --> Decimals**

Video - [Converting Fractions to Decimals Example 1](https://www.khanacademy.org/math/arithmetic/arith-decimals/arith-review-decimals-to-fractions/v/converting-fractions-to-decimals-ex2)

Video - [Converting Fractions to Decimals Example 2](https://www.khanacademy.org/math/arithmetic/arith-decimals/arith-review-decimals-to-fractions/v/converting-fractions-to-decimals-example)

Practice - [Converting Fractions to Decimals](https://www.khanacademy.org/math/arithmetic/arith-decimals/arith-review-decimals-to-fractions/e/converting_fractions_to_decimals)

**Decimals --> Percent**

Video - [Converting Decimals to Percent Example 1](https://www.khanacademy.org/math/pre-algebra/pre-algebra-ratios-rates/pre-algebra-percent-decimal-conversions/v/converting-decimals-to-percents-ex-1)

Video - [Converting Decimals to Percent Example 2](https://www.khanacademy.org/math/pre-algebra/pre-algebra-ratios-rates/pre-algebra-percent-decimal-conversions/v/converting-decimals-to-percents-ex-2)

Practice - [Converting Decimals to Percents](https://www.khanacademy.org/math/pre-algebra/pre-algebra-ratios-rates/pre-algebra-percent-decimal-conversions/e/converting_decimals_to_percents)

**Percent --> Decimal**

Video - [Converting Percents to Decimals Example 1](https://www.khanacademy.org/math/pre-algebra/pre-algebra-ratios-rates/pre-algebra-percent-decimal-conversions/v/converting-percents-to-decimals-ex-1)

Video - [Converting Percents to Decimals Example 2](https://www.khanacademy.org/math/pre-algebra/pre-algebra-ratios-rates/pre-algebra-percent-decimal-conversions/v/converting-percents-to-decimals-ex-2)

Practice - [Converting Percents to Decimals](https://www.khanacademy.org/math/pre-algebra/pre-algebra-ratios-rates/pre-algebra-percent-decimal-conversions/e/converting_percents_to_decimals)

Article - [Converting Between Fractions, Decimals, and Percents (%) Review](https://www.khanacademy.org/math/pre-algebra/pre-algebra-ratios-rates/pre-algebra-percent-decimal-conversions/a/converting-between-percents-fractions-decimals)

**16. % of a number**

Video - [Finding % Example 1](https://www.khanacademy.org/math/pre-algebra/pre-algebra-ratios-rates/pre-algebra-percent-word-problems/v/solving-percent-problems-2)

Video - [Finding % of Number Example 2](https://www.khanacademy.org/math/pre-algebra/pre-algebra-ratios-rates/pre-algebra-percent-word-problems/v/solving-percent-problems-3)

Practice - [Finding % of a Number](https://www.khanacademy.org/math/pre-algebra/pre-algebra-ratios-rates/pre-algebra-percent-problems/e/finding_percents)

Video - [Finding % Word Problem Example 1](https://www.khanacademy.org/math/pre-algebra/pre-algebra-ratios-rates/pre-algebra-percent-word-problems/v/another-percent-word-problem)

Video - [Finding % Word Problem Example 2](https://www.khanacademy.org/math/pre-algebra/pre-algebra-ratios-rates/pre-algebra-percent-word-problems/v/percent-word-problems-1-example-2)

Practice - [Finding % Word Problems](https://www.khanacademy.org/math/pre-algebra/pre-algebra-ratios-rates/pre-algebra-percent-word-problems/e/percentage_word_problems_1)