

Math Placement Exam Study Links

Most students will need to review some concepts before they take the placement exam. The attached pdf gives you examples of problems that are on the test. This document gives you links of where you can review those concepts. No calculators are allowed.

Fractions

Make sure you can add, subtract, multiply and divide fractions. You should also be able to convert a mixed number to a fraction and convert an improper fraction to a mixed number.

<https://www.khanacademy.org/math/arithmetic/fraction-arithmetic/arith-review-add-sub-fractions/v/visually-adding-fractions-with-unlike-denominators>

https://www.khanacademy.org/math/algebra-basics/basic-alg-foundations/alg-basics-fractions/e/multiplying_fractions

When dividing fractions, make sure you flip the second fraction.

<https://www.khanacademy.org/math/arithmetic/fraction-arithmetic#arith-review-dividing-fractions>

Decimals

Rounding and converting to percentages or fractions. Putting numbers in order from smallest to greatest

<https://www.khanacademy.org/math/arithmetic/arith-decimals>

<https://www.purplemath.com/modules/percents2.htm>

Using the operations

<https://www.mathsisfun.com/multiplying-decimals.html>

<https://www.mathsisfun.com/numbers/decimals-dividing-animation.html>

Percentages

<https://www.khanacademy.org/math/pre-algebra/pre-algebra-ratios-rates/pre-algebra-percent-problems/v/finding-percentages-example>

Exponents

https://www.khanacademy.org/math/pre-algebra/pre-algebra-exponents-radicals/pre-algebra-exponents/e/positive_and_zero_exponents

Order of Operations

<https://www.khanacademy.org/math/pre-algebra/pre-algebra-arith-prop/pre-algebra-order-of-operations/v/introduction-to-order-of-operations>

Finding area and perimeter of a shape

<https://www.exp11.com/t/perimeter-vs-area-10352>

<https://www.khanacademy.org/math/basic-geo/basic-geo-area-and-perimeter/area-triangle/v/intuition-for-area-of-a-triangle>

Find the missing angle on a triangle

<https://www.khanacademy.org/math/basic-geo/basic-geometry-shapes/triangle-angles/a/triangle-angles-review>

<https://www.mathsisfun.com/triangle.html>

Reading circle graphs

<https://www.khanacademy.org/math/pre-algebra/pre-algebra-math-reasoning/pre-algebra-picture-bar-graphs/v/reading-pie-graphs-circle-graphs>

Reading bar graphs

<https://www.khanacademy.org/math/pre-algebra/pre-algebra-math-reasoning/pre-algebra-picture-bar-graphs/v/reading-bar-graphs>

<https://www.mathsisfun.com/data/bar-graphs.html>

Finding mean, median and mode

<https://www.youtube.com/watch?v=5C9LBF3b65s>

Negative numbers

<https://www.mathsisfun.com/multiplying-negatives.html>

<https://www.purplemath.com/modules/negative2.htm>

Scientific Notation

<https://www.purplemath.com/modules/exponent3.htm>

<https://www.mathsisfun.com/numbers/scientific-notation.html>