

<http://www.mathmistakes.info/facts/TrigFacts/learn/vals/sum.html> (quiz yourself on the values of the 3 main trig functions at the standard angles)

Be able to define and understand the following:

Angle

Initial side

Terminal side

Angle in Standard Position

Coterminal Angles

Radians and Degrees

Unit Circle

List of Standard Angles

Arc Length

Area of a Sector

Reference Angle

Reference Triangle

Understand how to define the trigonometric functions, their values at the standard angles, and what their graphs look like:

Sine

Cosine

Tangent

Amplitude

Period

Phase Shift

See: <https://www.mathsisfun.com/algebra/trig-interactive-unit-circle.html>

Reciprocal trig functions: Cosecant, Secant, Cotangent (and their graphs)

Right triangle trig: the relationship of the ratio of the sides to the angles

SohCahToa

Complimentary angles

Supplementary Angles

Types of triangles: Right, Non-right, Isosceles, Equilateral, Scalene, Obtuse, Acute

Law of Sines

Law of Cosines

Trig Identities

Sum and Difference formulas for Sine, Cosine, and Tangent

Double Angle Formulas

Solving Trig Equations

Inverse Trig Functions