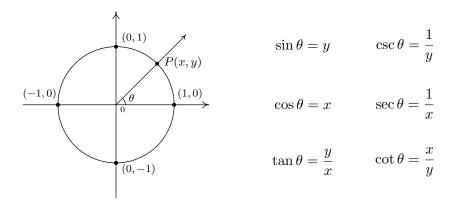
MATH 11022: Circular Functions

Definition. Consider the unit circle $x^2 + y^2 = 1$ (r = 1). Then the terminal side of any angle θ in standard position intersects the unit circle at a point P(x, y). Hence, the six trigonometric functions of θ are



Note. With the above definition, the trigonometric functions are called **circular functions**. When discussing circular functions, the angle θ is always measured in *radians*.

