Trigonometry to commit to memory:
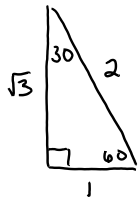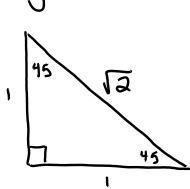
Ratio of side lengths for common triangles:

Radians to degrees:

$\pi = 180°$

$\dfrac{\pi}{2} = 90°$

$\dfrac{\pi}{3} = 60°$

$\dfrac{\pi}{4} = 45°$

$\dfrac{\pi}{6} = 30°$

Basic trig ratios:

SOH   CAH   TOA

$\csc x = \dfrac{1}{\sin x}$ ~~$\csc x$~~ $\color{red}{\sec(x)} = \dfrac{1}{\cos x}$ $\cot x = \dfrac{1}{\tan x}$

Basic trig identities:

$\tan x = \dfrac{\sin x}{\cos x}$ $\cot x = \dfrac{\cos x}{\sin x}$

$\sin^2 x + \cos^2 x = 1$

$1 + \cot^2 x = \csc^2 x$

$\tan^2 x + 1 = \sec^2 x$