Define an angle as follows

Divide a circle up into equal segments

Define the total of the internal angles to be 360⁰

If the circle is split into 5 segments, each internal angle will be 72⁰

In general, angle = 360/(number of segments)

Or, number of segments = 360/angle

2.

Right-angled triangle, angle a

Sine(a) = length of the distant side / length of the hypotenuse

Cosine(a) = length of the close side / length of the hypotenuse

Tangent(a) = length of the distant side / length of the close side