UNIT CIRCLE WORKSHEET

Calculate the angles for the following sine values using the inverse sine function

- $sin^{(-1)}\frac{1}{2}$
- $sin^{(-1)}\frac{-1}{2}$
- $sin^{(-1)}\frac{\sqrt{3}}{2}$

A surveyor uses an angle of elevation measured from the ground level to the top of a building and finds the tangent of the angle to be 1.732. Use arctan to find the angle of elevation.

_____

_____

_____

_____

_____

Calculate the cosine inverse values for 0.5 and -0.5.

_____

_____

_____