7.6 Apply the Sine and Cosine Ratios

**Sine and Cosine Ratios**

\[
\sin A = \frac{\text{leg opposite } \angle A}{\text{hypotenuse}} \quad \cos A = \frac{\text{leg adjacent to } \angle A}{\text{leg}}
\]

**Angle of Elevation and Depression**

Both are measured from the _________

Since they are measured to _________ lines, they are _________

The angle of elevation of a plane as seen from the airport is 50°. If the plane’s 1000 ft away, how high is plane?

Assignment: 477 #2-30 even, 34, 36, 42-48 even = 21