7.5 Tangent Ratio

A ratio of the lengths of the two legs in a right triangle.

Tan A =

Opposite and adjacent are relative to the angle used.

For Tan B the opposite and adjacent legs switch.

Tan B=

If a single angle measurement (not the right angle) and a single side length are known, every angle and side can be known.

 If a two side lengths are known, every angle and side can be known.