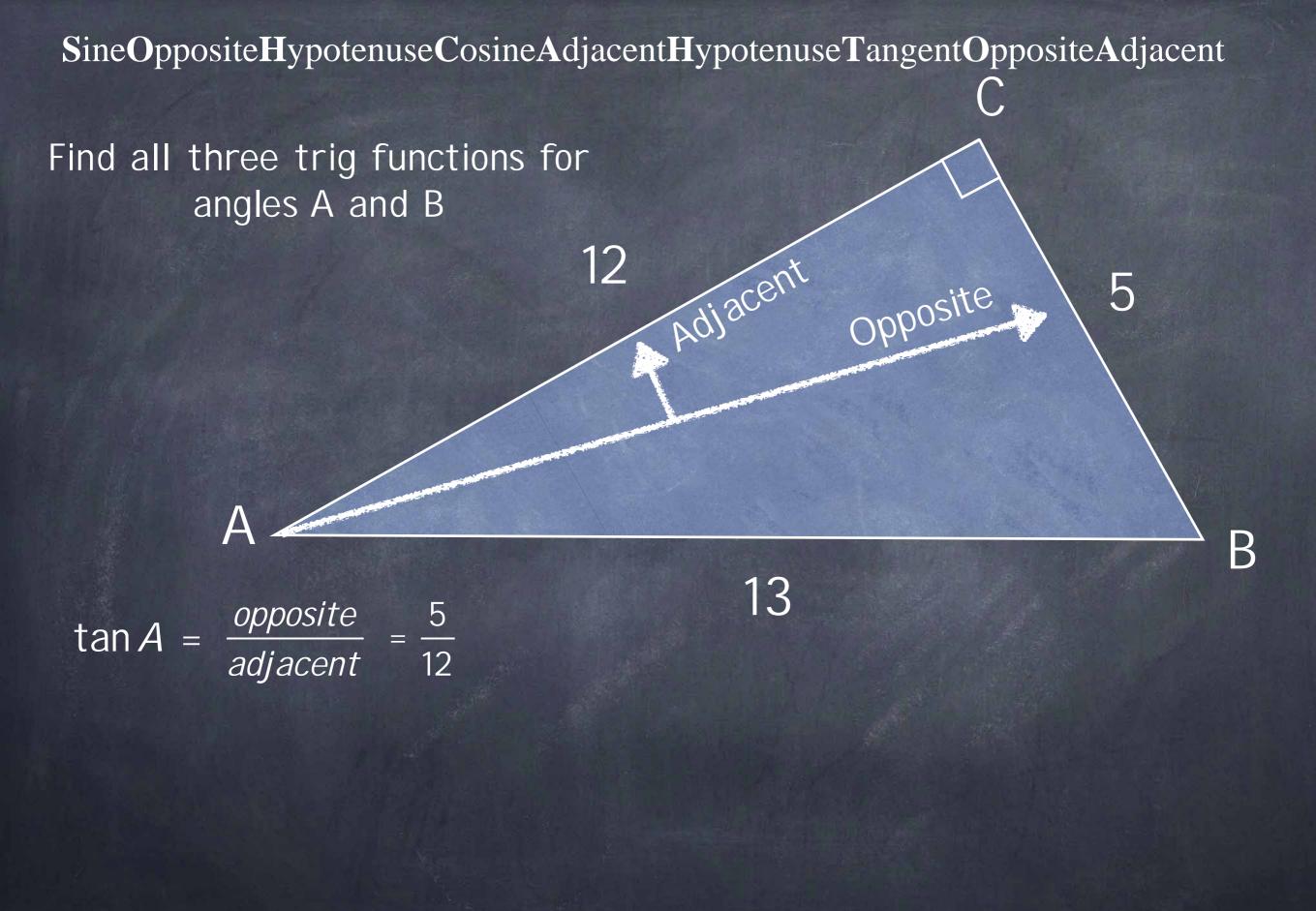
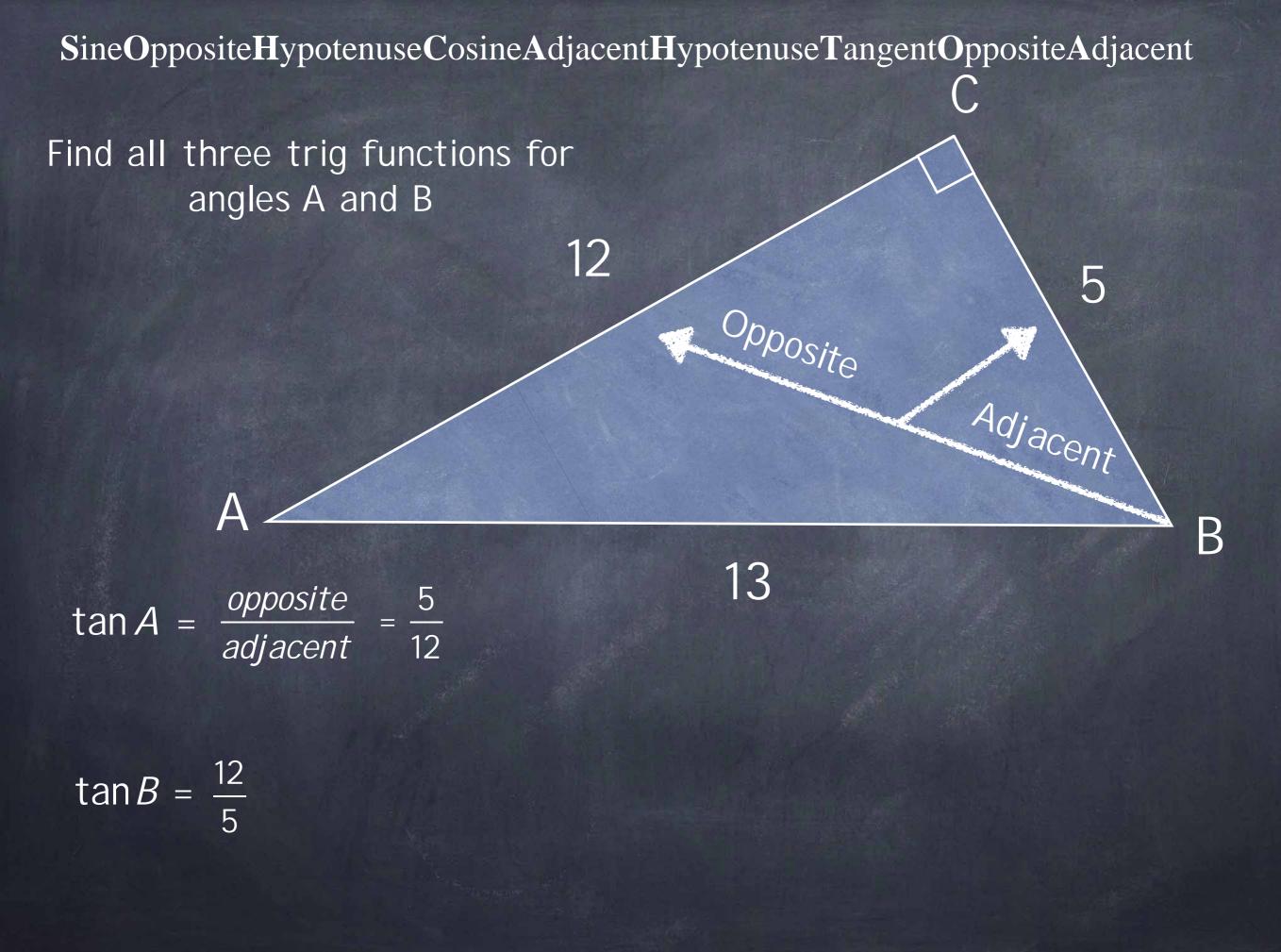
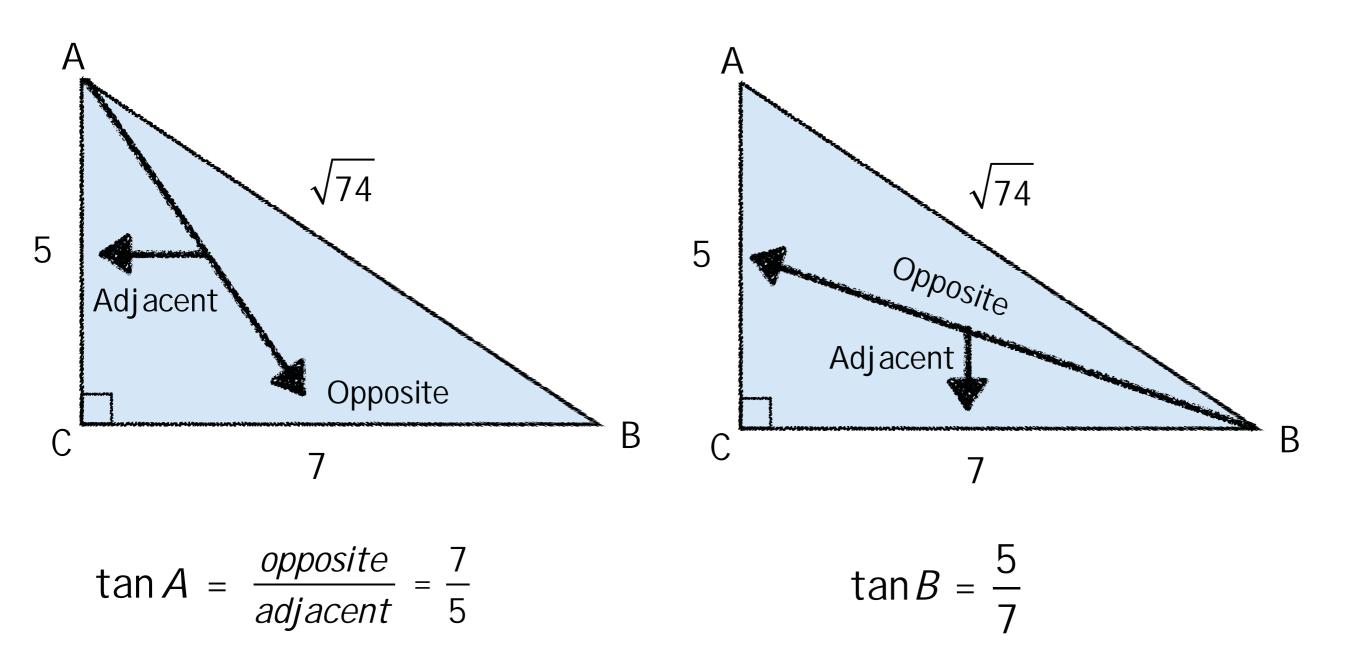
Using SOHCAHTOA The Tangent Ratio

SineOppositeHypotenuseCosineAdjacentHypotenuseTangentOppositeAdjacent

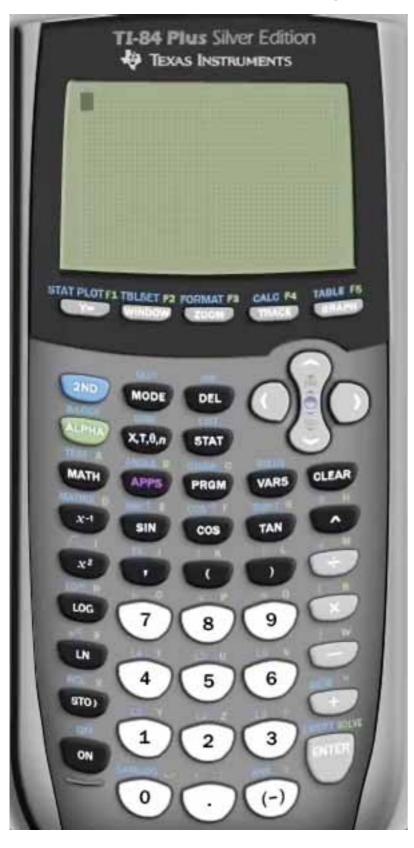


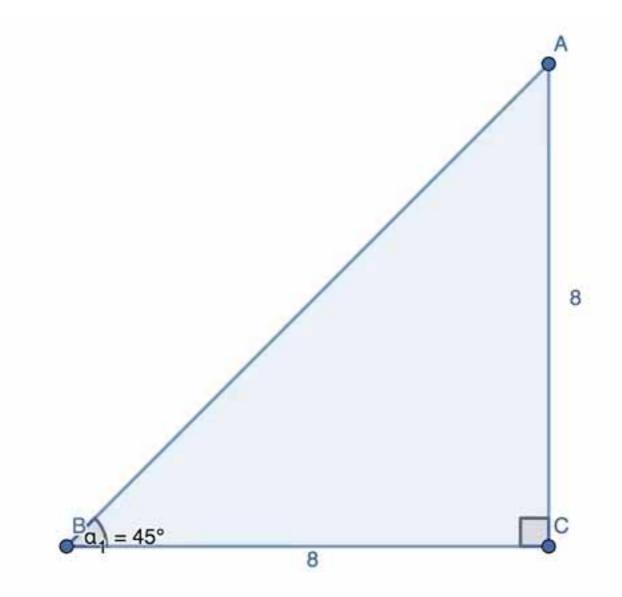


Find the tangent of angles A and B



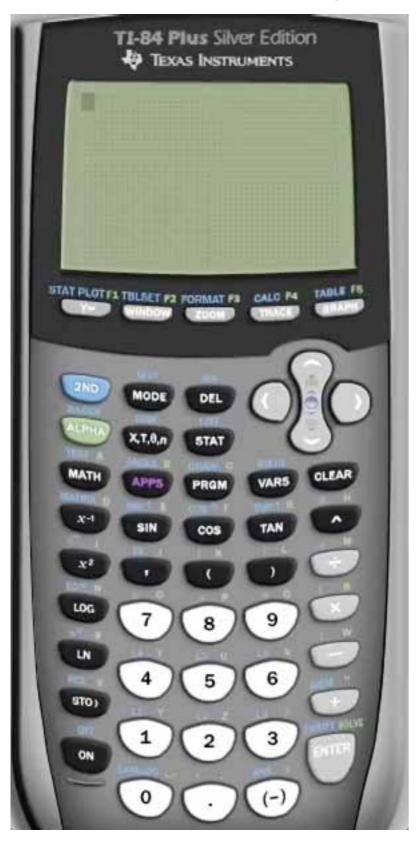
Note how the tangent ratio changes with the shape of the triangle

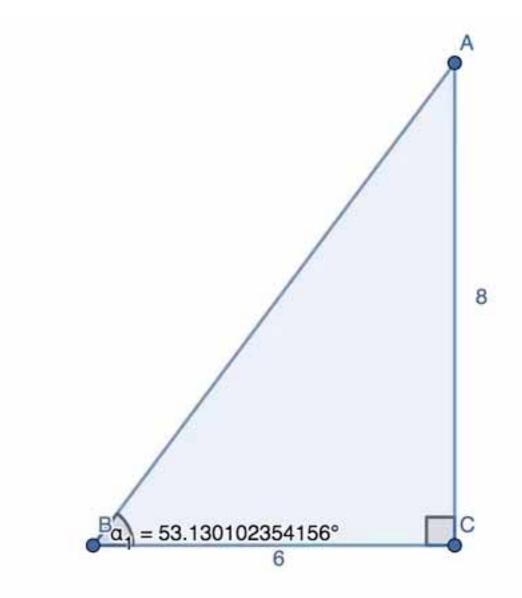




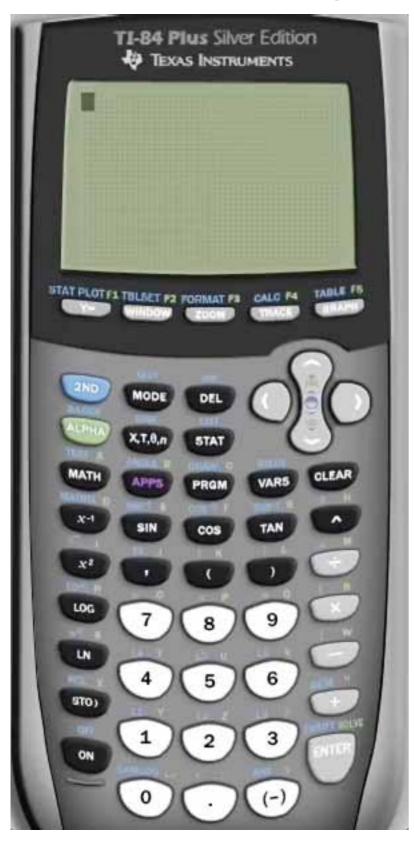
Tangent of $a_1 = 1$

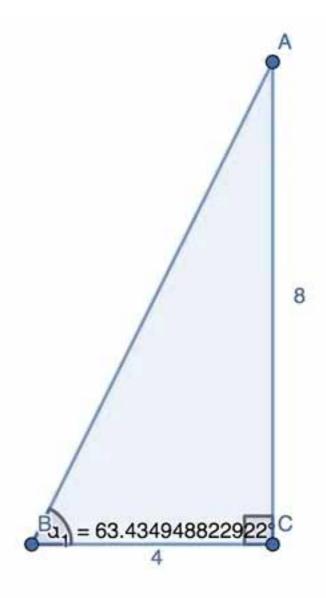
Note how the tangent ratio changes with the shape of the triangle





Note how the tangent ratio changes with the shape of the triangle

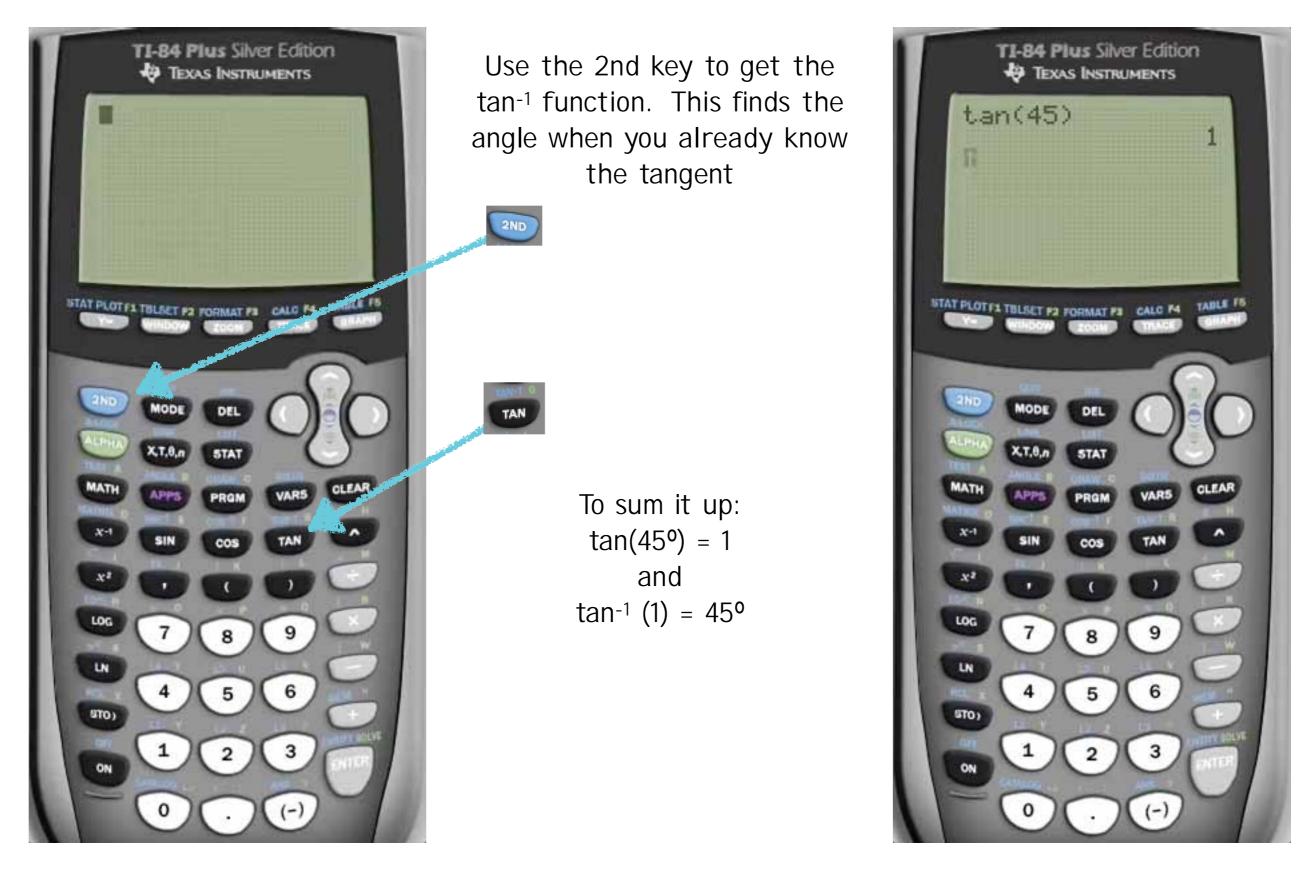




Tangent of $a_1 = 2$

SineOppositeHypotenuseCosineAdjacentHypotenuseTangentOppositeAdj

Note how tan-1 finds the angle when you already know the tangent



Find the missing lengths

