**COSINE LAW**

The law of cosines can be used to solve oblique triangles when:

1. Two sides and the angle between them are known

OR

1. All three sides are known.



For triangle ABC, a2 = b2 + c2 – 2bccosA

 b2 = a2 + c2 – 2accosB

 c2 = a2 + b2 – 2abcosC

Also, cosA = 

 cosB and cos C can be solved in a similar fashion