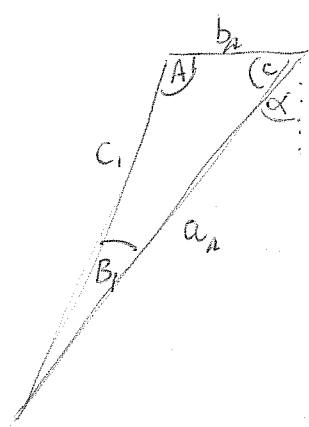
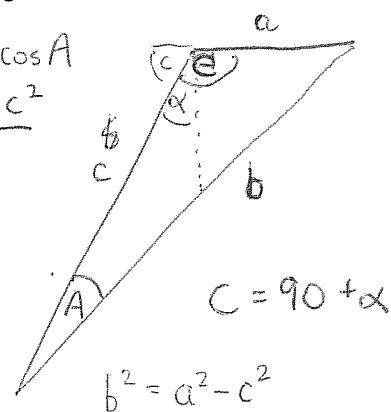
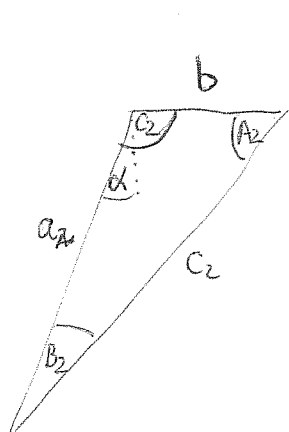


$C = 90^\circ - \alpha$   
 $c^2 = a^2 + b^2 - 2ab \cos C$   
 then  $a^2 = b^2 + c^2 - 2bc \cos A$   
 $\Rightarrow \cos A = \frac{a^2 - b^2 - c^2}{2bc}$   
 $\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$  3 eqns,  
 $\frac{a}{b} = \frac{\sin A}{\sin B} \Rightarrow A = \sin^{-1} \left( \frac{a \cdot \sin B}{\sin A} \right)$



$c_1^2 = a^2 + b^2 - 2ab \cos C$   
 $\cos B =$   
 $b^2 = c^2 + a^2 - 2ca \cos B$   
 $B_1 = \arccos \left( \frac{b^2 - c^2 - a^2}{-2ca} \right)$   
 $B_1 = \arccos \left( \frac{a^2 - b^2 + c^2}{2ac} \right)$



$b^2 = a^2 + c^2 - 2ac \cos B_2$   
 $B_2 = \arccos \left( \frac{a^2 - b^2 + c^2}{2ac} \right)$   
 $c_2^2 =$

