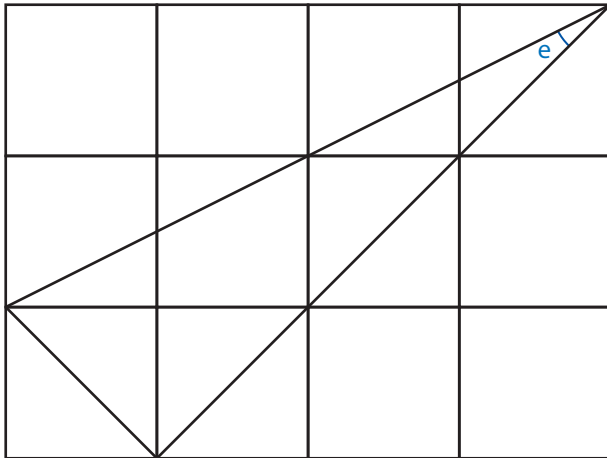


$b + e = c$,
 so $a + b = c$ if $a = e$



angle a is in a 1 by 3 right angled triangle;
 so is e ;
 ie the triangles are similar,
 so corresponding angles are equal,
 so $a = e$.

[or $\tan a = 1/3 = \tan e$]