

Hints / Background ~ 32 - 34 -Goal' prove Pythas. This fails under HAA Assume HAA, let DABC be any given trangle. 1. Take midpoints of AC, AB e, connect the midpts, W/l 3 Raise + lire from line l to B & C ß 4. given any A, you've created the corresp. 3 2 Ŧ Saccherri Quad н Р G S, $\overline{GF} \neq \overline{CB}$ by #31 #32 ! Show A

<1 + <2 + <3 = <GCB + < FBC