Olympic Revenge 2008

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by Melina_1535

- (Olympic Revenge 2008) Let ABC be a triangle and M the midpoint of BC. Let D and E be points such that ABC, DBA and EAC are similar (in this order). The symmedians of D with respect to DBA and E with respect to EAC meet at K. Suppose that AM/BC=3/2 Prove that KAB and KCA are similar (in this order).