







b) RITIP: CAFE EBA are cong. tr. Proof

AFC & ABE are oright triangles at FEE ( sp.

(A) = CA = AB = Hyp ( 2 sides in an isos. tri
(S) • FC = BE (oph sides in a rect. are = ) c) AE AF honolog elevents -) (AJ) // (BC) since (EF) // (BC) ( J, E, A, A E
Thus AJCB is a parall (opp. rides are x1) But AB = AC (provod) (4) Thus ABKC 15 (AK) h (RC) (Dieg) in a shorters

(A) R mder of [AC] (dang in a parall

(A) TABII len [BR] & [CN] are He they catersed my

