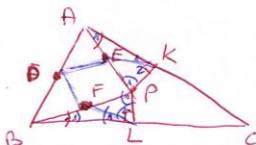


0.42
4



DE || BP לפי ΔAPB \Rightarrow פיתגורס δ DE
 DF || AP לפי ΔAPB \Rightarrow " " DF
 אלוהי אלג'ס δ אלג'ס 2 δ \Rightarrow דמיון ΔDEF
 'אלג'ס δ לפי אלג'ס δ

$AE = EK \Leftrightarrow \Delta AKP$ סימ' δ ΔAK ' δ
 $BL = FL \Leftrightarrow \Delta BPL$ " " " FL

(1) $\angle B_1 = \angle A_1$
 $\angle A_1 = \angle K_1$ } $\angle K_1 = \angle L_1$
 $\angle B_1 = \angle L_1$ }
 $\angle K_2 = \angle P_1$
 $\angle L_2 = \angle P_2$ } δ δ δ δ

$\angle DEK =$
 $\angle DFL$

$\angle PFL = \angle KEP$
 (180 $^\circ$ - δ δ δ δ)

(2) $\angle DEP = \angle DFP$

$DE = EP = EL$
 $FL = FP = DE$, $\angle DEK = \angle DFL$

$\Delta DEK \cong \Delta DFL$
 (3.5.3)
 \Downarrow
 $DK = DL$