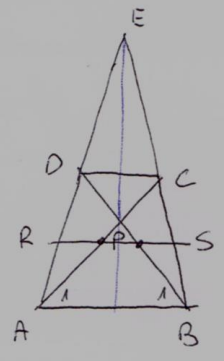


0.30
4



(3.2.3) $\sphericalangle A = \sphericalangle B$.c

\Downarrow
ע"מ $\triangle AEB$

(3.5.3) $\triangle ADB \cong \triangle BCA$

$AP = BP \iff \sphericalangle A_1 = \sphericalangle B_1$

(3.3.3) $\triangle AEP \cong \triangle BEP$

\Downarrow
 $\triangle AEB$ \triangleright EP חוצה AB במרכז
ולכן P מרכז AB

$DC \parallel AB$ $\therefore \triangle ADC \cong \triangle BDC$.d
 $\triangle ADC \cong \triangle BDC$ $\implies \sphericalangle DAC = \sphericalangle CBD$
 $\triangle ADC \cong \triangle BDC$ $\implies \sphericalangle ACD = \sphericalangle BCD$

$\sphericalangle A = \sphericalangle ERS = \sphericalangle B = \sphericalangle ES_2 \iff AB \parallel RS$.c

$\cdot RS$ δ EP מרכז AB ולכן EP חוצה AB במרכז $\triangle ERS \iff$