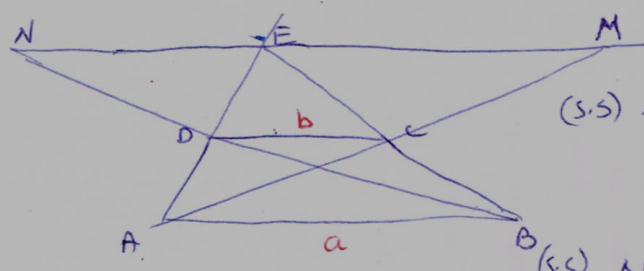


1.92
S



(S.S) $\triangle NED \sim \triangle BAD$

$$\frac{NE}{AB} = \frac{h}{H}$$

הי
אם
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האנ
האנ

(S.S) $\triangle EHC \sim \triangle BAC$

הי

$NE = EM$ $\frac{EM}{AB} = \frac{h}{H}$

$$\frac{b}{NE} = \frac{BC}{BE} = \frac{BE - EC}{BE} = 1 - \frac{EC}{BE} = 1 - \frac{b}{a} = \frac{a-b}{a}$$

$\triangle NBE$ (S.S)

$\triangle AEB$

$$\frac{b}{NE} = \frac{a-b}{a} \quad \text{/: } b$$

$$\frac{1}{NE} = \frac{a-b}{ab} = \frac{a}{ab} - \frac{b}{ab} = \frac{1}{b} - \frac{1}{a}$$