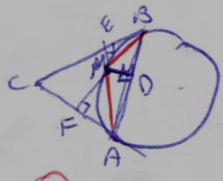


1.111
5



$\angle MDB = 90^\circ = \angle MFA$ \checkmark
 (זווית ישרה וזווית חיצונית) $\angle MAF = \angle MBA$

(S.S) $\triangle MDB \sim \triangle MFA$ \Leftarrow

(S.S) $\triangle MEB \sim \triangle MDA$ \checkmark \checkmark \checkmark \checkmark

$$\frac{MD}{MF} = \frac{DB}{FA} = \frac{MB}{MA} = \frac{MB}{MA} = \frac{ME}{MD} = \frac{EB}{AD} \rightarrow MD^2 = ME \cdot MF$$