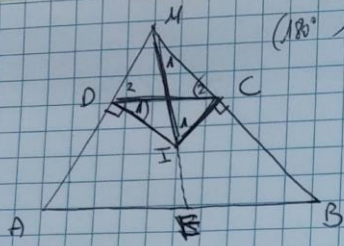


1.56  
2



(180°) קרטר (180°) קרטר (180°) קרטר

$$KD_1 = KM_1$$

קרטר קרטר קרטר

$$\angle B + \angle ADC = 180^\circ$$

$$\angle AOC + \angle D_2 = 180^\circ$$

$$\angle B = \angle D_2$$

$$\angle A = \angle C_2$$

$$\angle I_1 = \angle D_2 = \angle B$$

$$\angle I_1 = \angle B \text{ (S.S.) } \triangle MIC \sim \triangle MEB$$

$$\angle MEB = 90^\circ = \angle ICH$$

$$\triangle AMB \sim \triangle CMD$$

$$\angle C_2 = \angle A$$

$$\angle D_2 = \angle B$$

$$\frac{MD}{MB} = \frac{MC}{MA}$$

$$\rightarrow MD \cdot MA = MB \cdot MC$$

$$MI \cdot ME = MB \cdot MC$$

$$\frac{MI}{MB} = \frac{MC}{ME}$$

המשפט