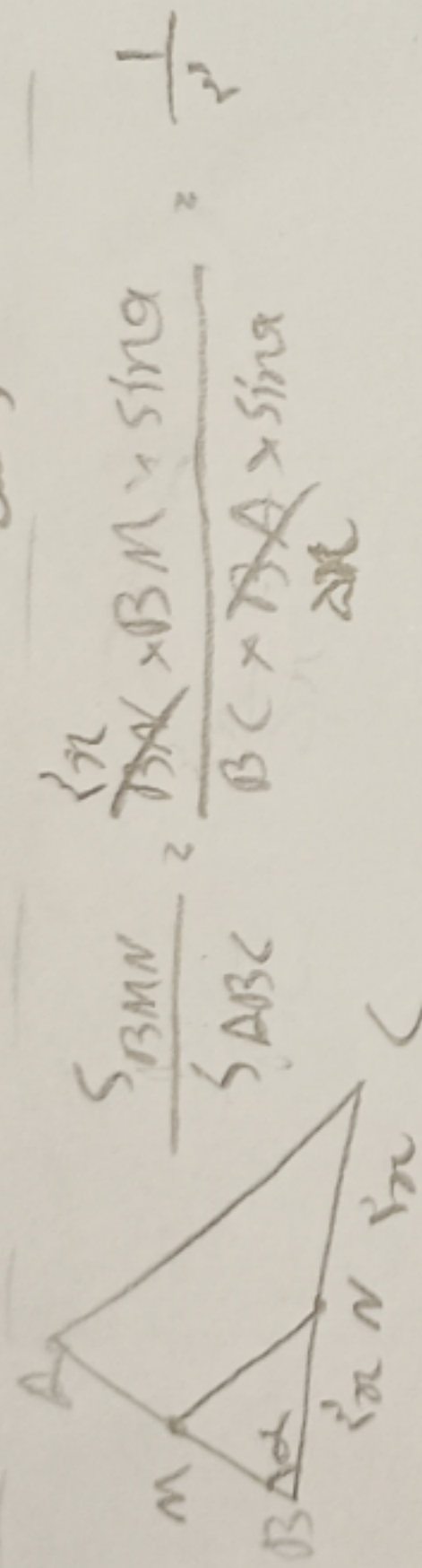
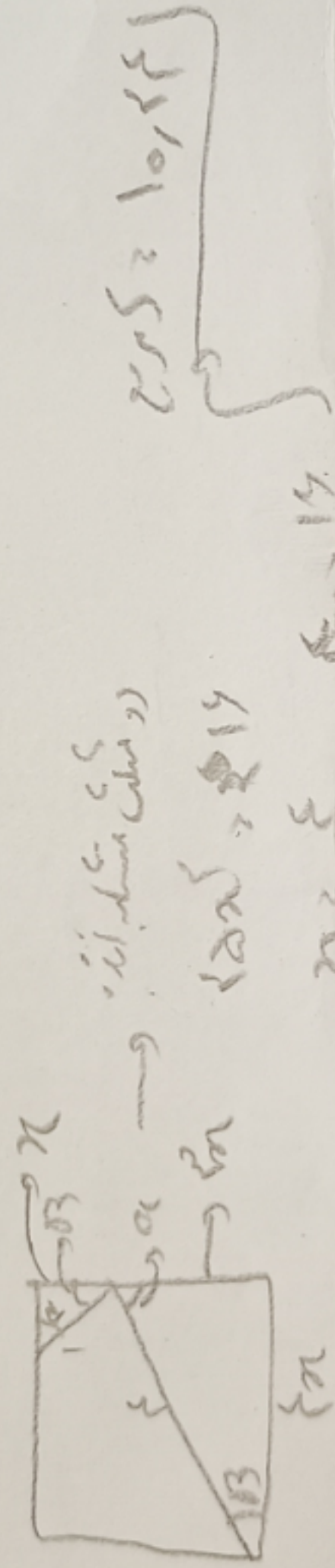


مستطیل
 $\frac{EF}{AC} = \frac{1}{2}$



$$\frac{BM}{BA} = \frac{CN}{CA} \Rightarrow \frac{BM}{BA - BM} = \frac{CN}{CA - CN}$$



$$x = \frac{EF}{AC} = \frac{1}{2}$$



مربع و مستطیل
 تقسیم می کنند

$$\{EF = FR\} \Rightarrow \{GD = HD\} \Rightarrow BG = GD$$

$$\Rightarrow BG = GR = RK$$

$$\{BG + GD = RK + GR = RK\}$$

$$\frac{BD}{ED} = \frac{RK}{EK} \quad (9)$$

