

Mirror formula an equation

2) Concave



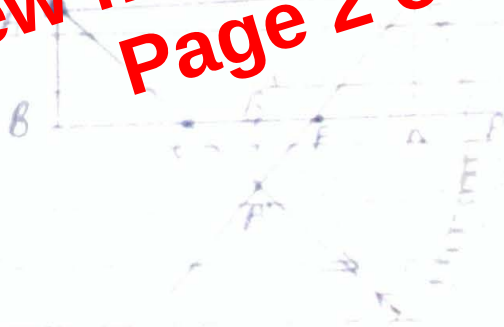
Now $\triangle ABC$ and $\triangle A'B'C$ are similar then

$$\frac{AB}{A'B'} = \frac{AC}{A'C}$$

Draw $MF \perp AB$

Also $\triangle MNF$ and $\triangle A'B'F$ are similar

(1) Concave



$\triangle ABC$ and $\triangle A'B'C$ are similar then

$$\frac{AB}{A'B'} = \frac{BC}{B'C}$$

Draw $MF \perp AB$

$\triangle MNF$ and $\triangle A'B'F$ are similar then

$$\frac{MN}{A'B'} = \frac{FN}{FB}$$

We write MN to AB because both are same base and same height