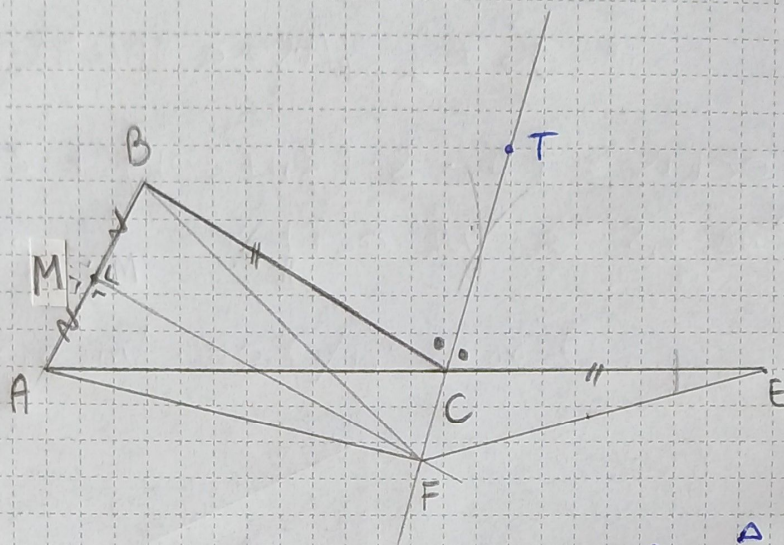


Traccia dimostrazioni



Hp:

$$\overline{CE} \cong \overline{CB}$$
$$B\hat{C}T \cong T\hat{C}E$$
$$\overline{AM} \cong \overline{MB}$$

$FM \perp AB$ (\perp perpendicular)

Hh

I) $\overset{\Delta}{BFM} \overset{\Delta}{\approx} \overset{\Delta}{AFM}$

II) $\triangle CEF \cong \triangle BCF$

III) $\triangle AEF$ isoscele

TRACCA DIM:

I) Considero BFM e AFM. Essi hanno:

$\overline{AM} \dots \overline{MB}$ für \dots

FM

$\hat{A} \hat{M} F \quad F \hat{M} B$ perché

$$\Rightarrow \overset{\Delta}{BFM} \cong \overset{\Delta}{AFM} \text{ per il.}$$

II) Considero $\hat{C}EF$ e $\hat{B}CF$. Essi hanno

$\overline{BC} \dots \overline{CE}$ per \dots

FC

$\hat{BCF} \dots \hat{FCE}$ perché...

$$\Rightarrow \triangle CEF \cong \triangle BCF \text{ per il } \dots\dots\dots$$

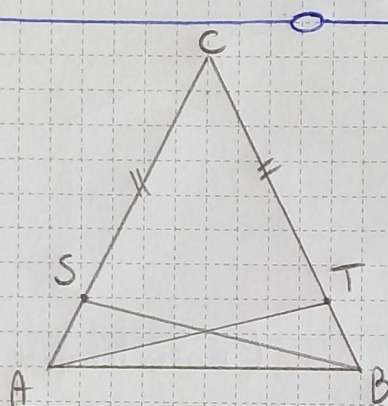
III) Dimostrare che $\overline{AF} \cong \overline{FE}$:

$$\overline{AF} \cong \overline{FB} \text{ per } \dots\dots\dots$$

$$\overline{BF} \cong \overline{FE} \text{ per } \dots\dots\dots$$

$$\Rightarrow \overline{AF} \cong \overline{FE} \text{ perché } \dots\dots\dots$$

$$\Rightarrow \triangle AFE \text{ isoscele.}$$



Hip:

$$\overline{AC} \cong \overline{CB}$$

$$\overline{CS} \cong \overline{CT}$$

Th:

$$\text{I) } \triangle SBC \cong \triangle ACT$$

$$\text{II) } \triangle ABT \cong \triangle ABS$$

TRACCIA DIM :

I) Considero $\triangle SBC$ e $\triangle ACT$. Essi hanno

$$\overline{CS} \dots \overline{CT} \text{ per } \dots\dots\dots$$

$$\overline{AC} \dots \overline{CB} \text{ per } \dots\dots\dots$$

$$\angle SCB \dots \angle TCA \text{ perché } \dots\dots\dots$$

$$\Rightarrow \triangle SBC \cong \triangle ACT \text{ per il } \dots\dots\dots$$

II) Considero $\triangle ABT$ e $\triangle ABS$. Essi hanno

$$\overline{AB} \dots\dots\dots$$

$$\overline{AS} \dots \overline{BT} \text{ perché } \dots\dots\dots$$

$$\angle SAB \dots \angle ABT \text{ perché } \dots\dots\dots$$

$$\Rightarrow \triangle ABT \cong \triangle ABS \text{ per il } \dots\dots\dots$$