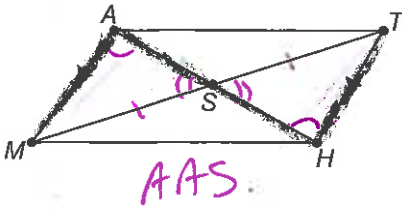


Complete 2 out of the 3 proofs. (2-column, flow, or paragraph)

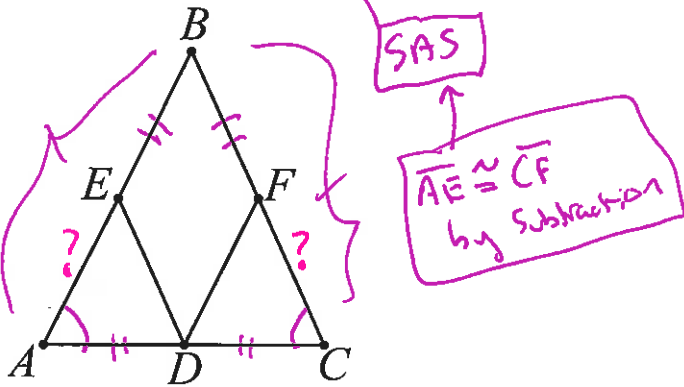
1. Given: \overline{AS} median of $\triangle MAT$ → midpoint → $2 \cong$ segs.
 $MA \parallel TH$ → Alt. int. \angle 's \cong

Prove: $\triangle MAS \cong \triangle THS$



2. Given: $\angle A \cong \angle C$ → $2 \cong$ sides
 $\overline{BE} \cong \overline{BF}$ → $2 \cong$ sides
 D midpoint of \overline{AC}

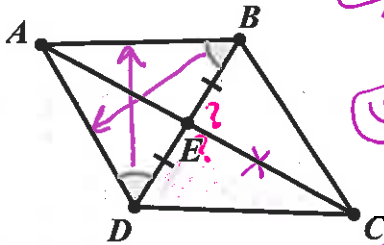
Prove: $\triangle AED \cong \triangle CFD$



3. Given: \overline{AC} and \overline{DB} intersect at E

$$\overline{DE} \cong \overline{BE}$$
$$\angle ADE \cong \angle ABE \rightarrow 2 \cong \text{sides}$$

Prove: $\triangle BCE \cong \triangle DCE$
(Hint: first prove $\overline{AC} \perp \overline{DB}$)



$\triangle ADE \cong \triangle ABE$
SAS

$\cong \angle$'s

transitive

vert \angle 's

$\cong \angle$'s

SAS