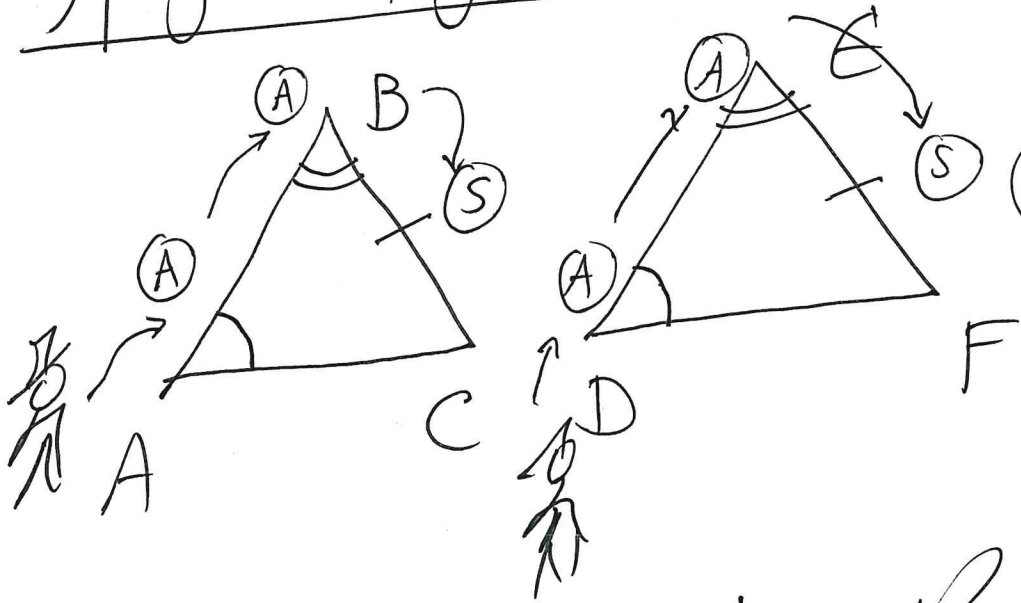


10/15 Lesson 25: AAS : HL 90°

Angle - Angle - Side (AAS)



$\triangle ABC \cong \triangle DEF$

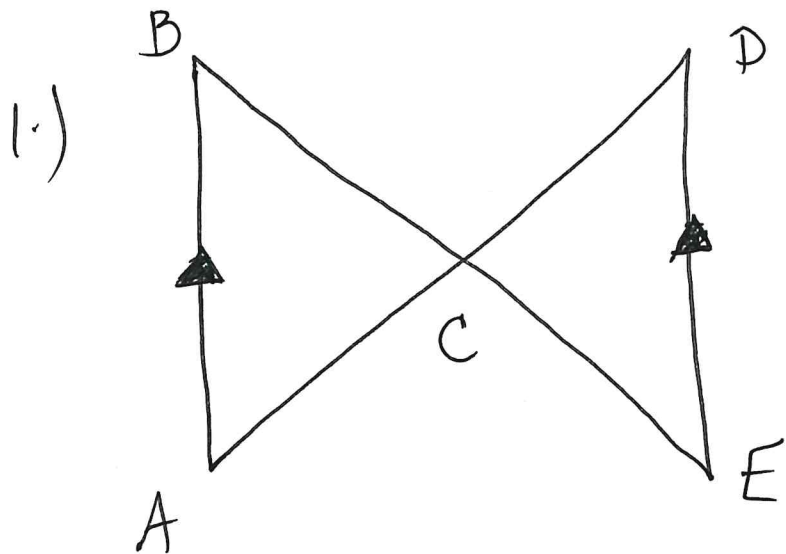
Statements	Reasons
① See Above	① Given
② $\angle A \cong \angle D$	② corr. $\angle$ 's ( $\cong$ )
③ $\angle B \cong \angle E$	③ corr. $\angle$ 's ( $\cong$ )
④ $\overline{BC} \cong \overline{EF}$	④ corr. sides ( $\cong$ )
⑤ $\triangle ABC \cong \triangle DEF$	⑤ AAS

①

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#1

Name: \_\_\_\_\_

HR: \_\_\_\_\_



Given  $\rightarrow \overline{BA} \parallel \overline{DE}$   
C is a midpoint  
of  $\overline{BE}$

prove  $\rightarrow \triangle ABC \cong \triangle DCE$

Statements

Reasons

① See Above

① Given

②

②

③

③

④

④

⑤  $\triangle ABC \cong \triangle DCE$

⑤ AAS