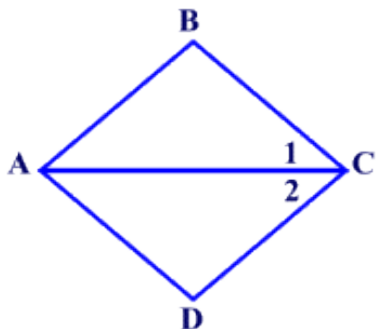


NOME DATA CLASSE

CONGRUENZA DEI TRIANGOLI

Con riferimento alle figure e alle ipotesi indicate, dimostrare la tesi di ciascuno dei seguenti esercizi.

1.

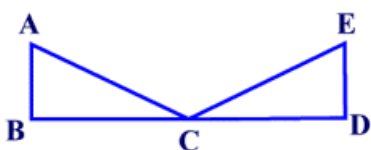


Ipotesi :

- $BC \cong CD$
- AC bisettrice di \widehat{BCD}

Tesi : $ABC \cong ADC$

2.

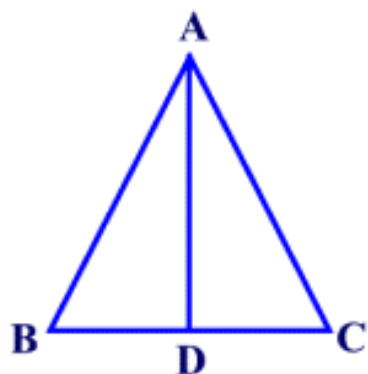


Ipotesi :

- $AB \cong ED$
- C punto medio di BD
- $AB \perp BD$
- $ED \perp BD$

Tesi : $ABC \cong EDC$

3.

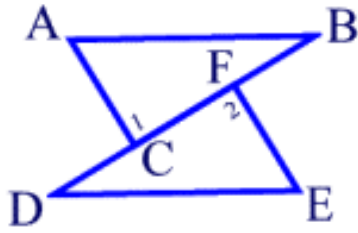


Ipotesi :

- $AB \cong AC$
- D punto medio di BC

Tesi : $ABD \cong ACD$

4.

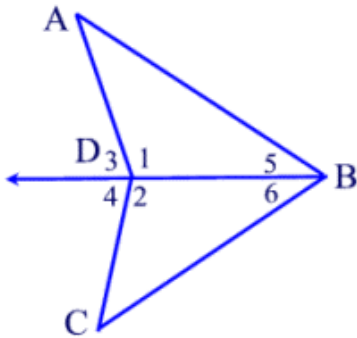


Ipotesi :

- $AC \cong EF$
- $\hat{A} \cong \hat{E}$
- $AC \perp BD$
- $EF \perp BD$

Tesi : $\hat{B} \cong \hat{D}$

5.

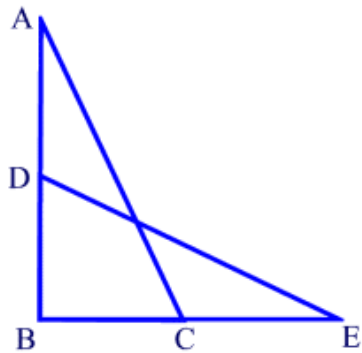


Ipotesi :

- $AD \cong CD$
- $\hat{3} \cong \hat{4}$

Tesi : DB bisettrice di \widehat{ABC}

6.

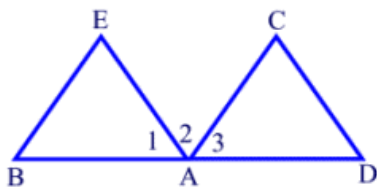


Ipotesi :

- $AB \cong EB$
- $\hat{A} \cong \hat{E}$

Tesi : $AD \cong EC$

7.

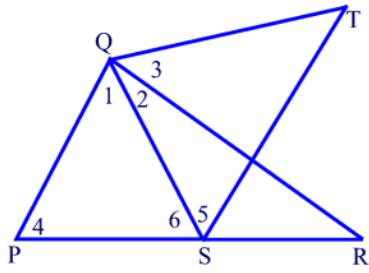


Ipotesi :

- $AE \cong AC$
- $\widehat{CAB} \cong \widehat{DAE}$
- A punto medio di BD

Tesi : $BEA \cong DCA$

8.

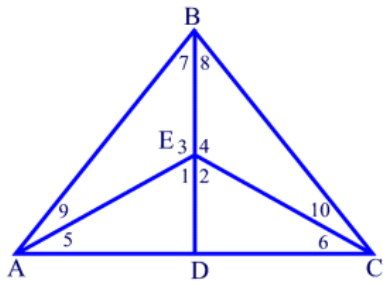


Ipotesi :

- $\widehat{4} \cong \widehat{6}$
- $\widehat{1} \cong \widehat{3}$
- $\widehat{4} \cong \widehat{5}$

Tesi : $\widehat{R} \cong \widehat{T}$

9.

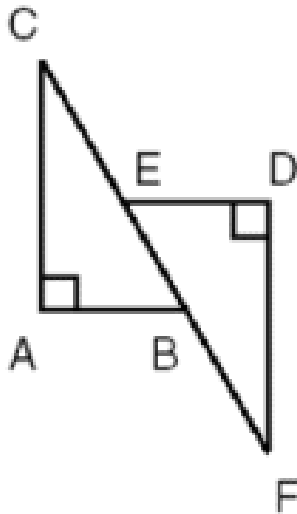


Ipotesi :

- $\widehat{1} \cong \widehat{2}$
- $\widehat{7} \cong \widehat{8}$

Tesi : $\widehat{5} \cong \widehat{6}$

10.



Ipotesi :

- $CE \cong BF$
- $AB \cong ED$
- $\widehat{CBA} \cong \widehat{FED}$
- $AC \perp BA$
- $ED \perp FD$

Tesi : $ABC \cong DEF$