

# 1.8 CPCTC - Corresponding Parts of Congruent Triangles are Congruent

9/30/20

## 1 CPCTC

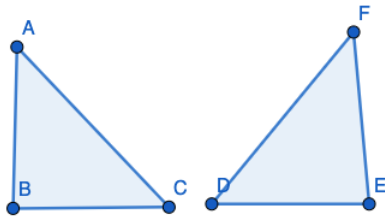
Given  $\triangle ABC \cong \triangle DEF$

$\angle B \cong \angle E$

$\angle C \cong \angle D$

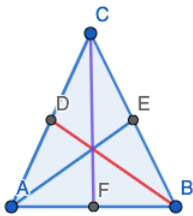
$\angle A \cong \angle F$

$AB \cong FE$ , etc



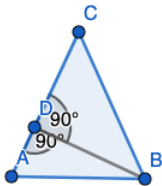
## 2 Medians

A segment drawn from a vertex to the **midpoint** of the opposite side



## 3 Altitude

A segment drawn from a vertex. Perpendicular on the opposite side.



## 4 Auxiliary Line

A line added to a diagram (could be to enhance clarity)