Prove Δ's

SSS
SAS
ASA
} Postulates

HL - Right
AAS
} Theorems

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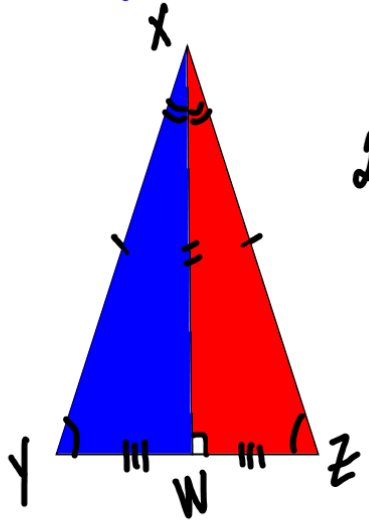

$\overline{XY} \cong \overline{XZ}$

21. hypotenuse

ΔXWZ	$\overline{XZ}$
ΔXWY	$\overline{XY}$

22. Congruent
$\overline{XZ} \cong \overline{XY}$

23. Reflexive Property
$\overline{XW} = \overline{XW}$

24. $\Delta XWZ \cong \Delta XWY$
HL
AAS
SSS
SAS
ASA

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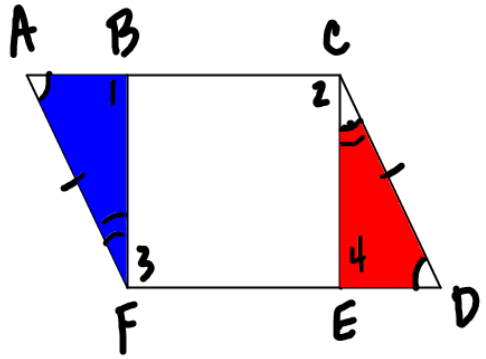
25.

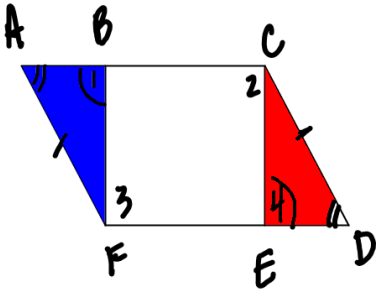


Given $\angle A \cong \angle D$ $\overline{AF} \cong \overline{DC}$ $\angle BFA \cong \angle ECD$

Prove $\triangle AFB \cong \triangle DCE$

Statements	Reasons
1. $\angle A \cong \angle D$, $\overline{AF} \cong \overline{DC}$, $\angle BFA \cong \angle ECD$	1. Given
2. $\triangle AFB \cong \triangle DCE$	2. ASA Post.

26.



Statements	Reasons
1. $\angle 1 \cong \angle 4$, $\overline{AF} \cong \overline{DC}$, $\angle A \cong \angle D$	1. Given
2. $\triangle AFB \cong \triangle DCE$	2. AAS Theorem

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$\triangle JKL \cong \triangle MKL$

$\triangle MKL \cong \triangle MNL$

$\triangle JKL \cong \triangle MNL$

Transitive Prop of $\cong$

If $a = b$

$b = c$

Then $a = c$