✓ Use when you get it right all by yourself

S Use when you did it all by yourself, but made a silly mistake

H Use when you could do it alone with a little help from teacher or peer

G Use when you completed the problem in a group

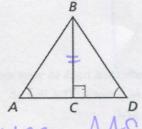
X Use when a question was attempted but wrong (get help)

NUse when a question was not even attempted

CONCEPTS	BASIC	INTERMEDIATE	ADVANCED
AAS Congruence Theorem	1 - 3, 7, 8	4, 9	6, 9
ASA Congruence Theorem	1 - 3, 7, 8	5, 9	6, 9
Proofs		10, 11, 12	10, 11, 12

Decide whether enough information is given to prove that the triangles are congruent. If so, state the theorem you would use.

1. ΔABC & ΔDBC

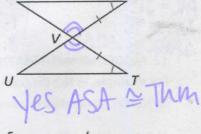


AAC > Thm

2. Δ*XYZ* & Δ*JKL*



3. ΔRSV & ΔUTV



F G M

State the third congruence statement that is needed to prove that $\Delta FGH \cong \Delta LMN$ using the given theorem.

- 4. Use the AAS Congruent Theorem. $\overline{GH}\cong\overline{MN}, \angle G\cong \angle M, \underline{\angle F}\cong \underline{\angle L}$
- 5. Use the ASA Congruent Theorem. $\overline{FG}\cong \overline{LM}, \angle G\cong \angle M, \underline{\angle F}\cong \underline{\angle L}$

Decide whether you can use the given information to prove that $\triangle ABC \cong \triangle DEF$. Explain your reasoning.

 $6. \angle C \cong \angle F, \overline{AB} \cong \overline{DE}, \overline{BC} \cong \overline{EF}$

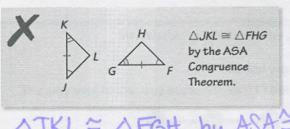
NO; 35A

 $7. \angle B \cong \angle E, \angle C \cong \angle F, \overline{AC} \cong \overline{ED}$

NO; AC \$ DE

Error Analysis: Describe and correct the error.

8.

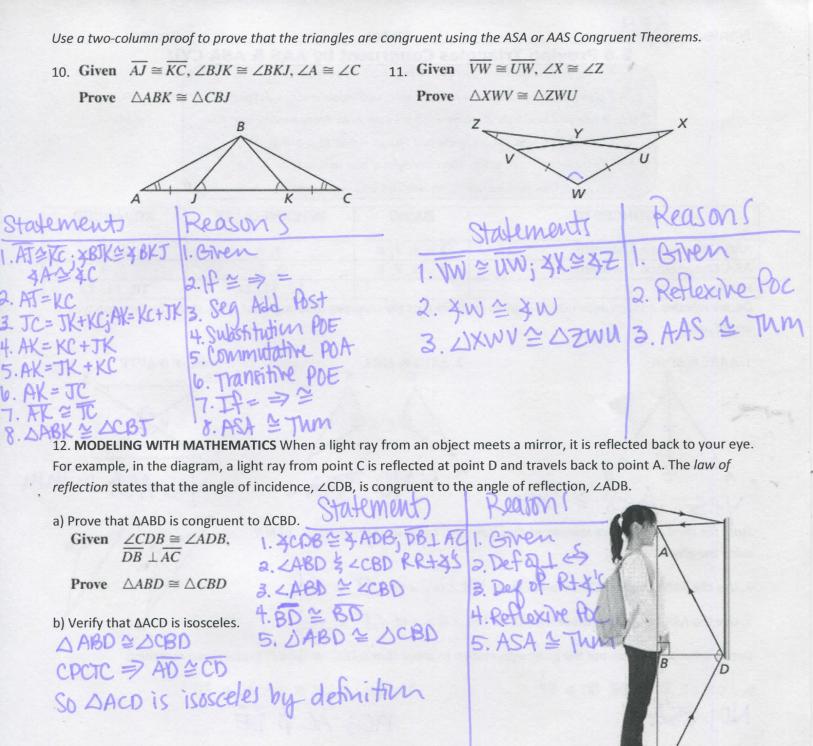


y ASA=

X & X

 \triangle QRS \cong \triangle VWX by the AAS Congruence Theorem.

DORS = DVUX by ASA = Thm



CYU Reflection: How far can you go: basic, intermediate, or advanced?

c) Does moving away from the mirror have any effect on the amount of his or her

reflection a person sees? Explain.

no, D is always Isosceles.

Rate your mastery level!

How confident are you with the skills this CYU covered? Circle the score you would give yourself.

