Unit 5: Triangle Congruence	Name	•
roving Triangles Congruent: ASA,	AAS, SAS, SSS Per	· ·
For each problem give the correct	naming order of the congruent	triangles. Write that name in order
on the lines for the problem number	er (see box at bottom). Also, indi	icate which postulate or meorem is
being used.	2. A S H	3.
1. B I	2. A s   H	, c e
/ \ * /		
$A \xrightarrow{H} C$	B C . E	B N
ΔABC≅Δ by	ΔABC ≅ Δ by	ΔABC≅Δ by
4. J R A	5. B S	6. A E H 17H
A Y /	A X X I	A. \","
	/ \ \ /	
G <u>√ // H</u> E	C A D	C B Y
ΔGHJ ≅ Δ by	ΔABC≅ Δ by	ΔABC ≅ Δ by
7.	8.	9.
) /, B I H	F S Λ	J T A
\\\ \\\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		
C A L	b <sub>2,2</sub> E N	l K <del>√                                   </del>
ΔABC ≅ Δ by	ΔDEF≅ Δ by	ΔJKL≅Δ by
10 -	11. B Y E	12. M K 5
DI. C G A A A	A Z	Ä 'Y Y
/ \ \ \ /	* \ *_/	/ \ \ \ /
$_{\rm B}$ $\stackrel{\bigwedge}{\bigwedge}$ $_{\rm K}$	$A \stackrel{\bigwedge}{\bigcirc} C \stackrel{\bigvee}{\bigcirc} D$	$\circ$ $\wedge$ $\wedge$ $\wedge$ $\wedge$
ΔABC ≅ Δ by	ΔABC ≅ Δ by	ΔMNO ≅ Δ by
T		
<u>4 4 4 8 8 8 8 12 12 12 2 2 2 5 5 5 9 9 9 7 6</u>		
4		
E E O N U T T E I I .  6 6 10 10 10 1 1 1 3 3 3 7 7 7 11 11 11 .  (When you are done with the puzzle, there are: 3 SAS, 5 AAS, 2 ASA, and 2 SSS instances.)		
(when you are done with the puzzle, there are a start and a start		

For each figure, which triangles are congruent? Write the "proof parts" accurately that would lead to showing the congruence and give the correct reason why the triangles are congruent.

