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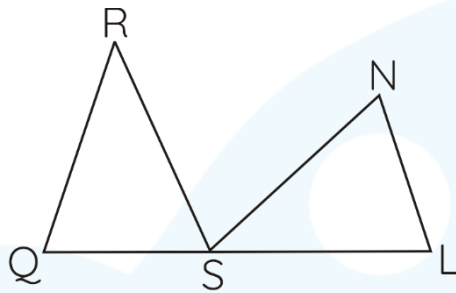
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Congruent Triangles Worksheet

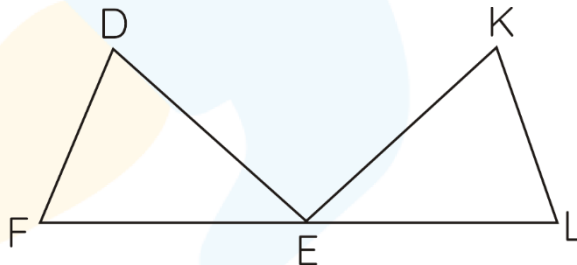
Questions

Follow these instructions for questions 1-3. Indicate the corresponding sides and angles for each congruence statement below:

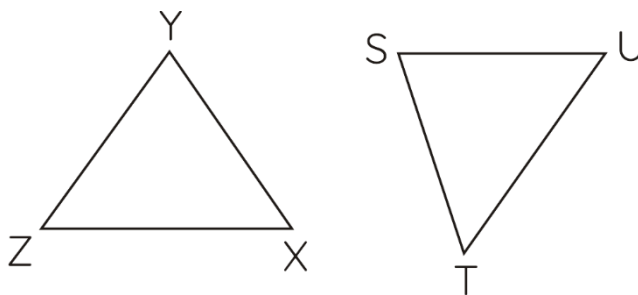
1. $\triangle QRS \cong \triangle LSN$



2. $\triangle FDE \cong \triangle KLE$



3. $\triangle YXZ \cong \triangle SUT$

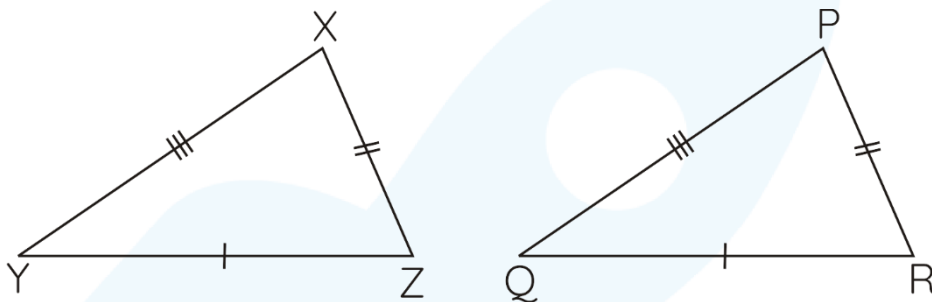


4. If the triangles UVT and CAB are congruent, what is the corresponding part of UV?
5. True or False - If three angles of a triangle are equal to the corresponding angles of another triangle then the triangles are congruent.

Follow these instructions for the question 6-8.

Complete each congruence statement.

6.



$$\underline{ZX} \cong \underline{\quad\quad}$$

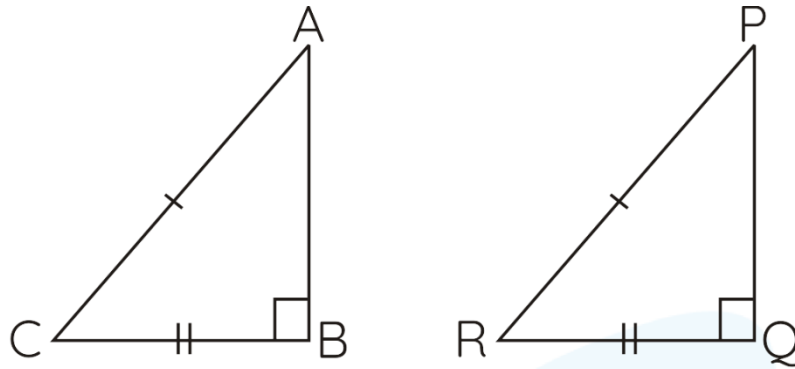
7. $\triangle WUV \cong \triangle KLM$

$$\underline{UV} \cong \underline{\quad\quad}$$

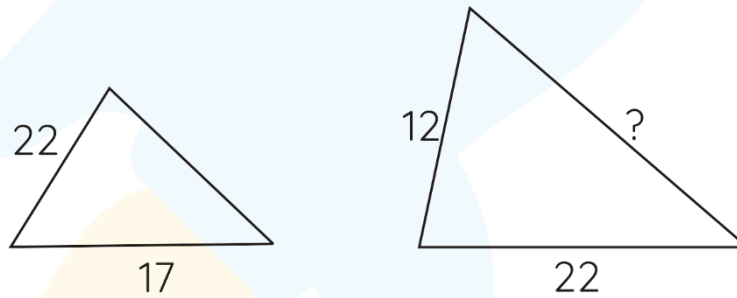
8. $\triangle ZAB \cong \triangle OPQ$

$$\angle B \cong \underline{\quad\quad}$$

9. State the property of congruence in the below congruent triangles



10. What is the missing dimension below, if the two triangles are congruent?



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- Gary Schwartz

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- Kirk Riley

"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

- Barbara Cabrera

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ANSWERS

1.	$QR \cong LS$ $\angle Q \cong \angle L$	$RS \cong SN$ $\angle R \cong \angle S$	$QS \cong LN$ $\angle S \cong \angle N$
2.	$FD \cong KL$ $\angle F \cong \angle K$	$DE \cong LE$ $\angle D \cong \angle L$	$FE \cong KE$ $\angle E \cong \angle E$
3.	$YX \cong SU$ $\angle Y \cong \angle S$	$XZ \cong UT$ $\angle X \cong \angle U$	$YZ \cong ST$ $\angle Z \cong \angle T$
4.	CA		
5.	False		
6.	<u>RP</u>		
7.	<u>LM</u>		
8.	$\angle Q$		
9.	RHS		
10.	17		