

**Quiz: Congruent Triangles**

Indicate whether the following statements are true or false.

1	$\Delta PQR \cong \Delta LMN$ and the perimeter of $\Delta LMN$ is 270 cm. If the sum of two sides of $\Delta PQR$ is 130 cm, what is the length of the third side of $\Delta LMN$ ?		2	$\Delta PQR \cong \Delta LMN$ with $PQ \cong LM$ and $PQ = 20X - 8$ . If $LM = 92$ cm, find the value of $x$ ?	
3	$\Delta PQR$ is congruent to $\Delta LMN$ If the sum of the measures of $\angle P$ and $\angle R$ is 135 degrees, what is the degree measure of $\angle M$ ?		4	$\Delta PQR \cong \Delta LMN$ and the perimeter of $\Delta LMN$ is 95 cm. If the sum of two sides of $\Delta PQR$ is 65 cm, what is the length of the third side of $\Delta LMN$ ?	
5	$\Delta PQR \cong \Delta LMN$ with $PQ \cong LM$ and $PQ = 7X + 2$ . If $LM = 44$ cm, find the value of $x$ ?		6	$\Delta JKL$ is congruent to $\Delta MNO$ If the sum of the measures of $\angle J$ and $\angle L$ is 155 degrees, what is the degree measure of $\angle N$ ?	
7	$\Delta JKL \cong \Delta MNO$ and the perimeter of $\Delta MNO$ is 60 cm. If the sum of two sides of $\Delta JKL$ is 54 cm, what is the length of the third side of $\Delta MNO$ ?		8	$\Delta PQR \cong \Delta LMN$ with $\angle P \cong \angle L$ and $\angle R \cong \angle N$ . If $LN = 18$ cm, which side of $\Delta PQR$ has the same measure?	
9	$\Delta PQR$ is congruent to $\Delta LMN$ If the sum of the measures of $\angle P$ and $\angle R$ is 48 degrees, what is the degree measure of $\angle M$ ?		10	$\Delta ABC \cong \Delta XYZ$ and the perimeter of $\Delta ABC$ is 470 cm. If the sum of two sides of $\Delta XYZ$ is 385 cm, what is the length of the third side of $\Delta ABC$ ?	

circle # correct	0	1	2	3	4	5	6	7	8	9	10
Percentage Score	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%