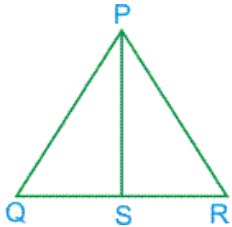


Quiz: Geometric Constructions – Congruence

Identify whether the statements are true or false.

1	Triangle LMN is congruent to triangle L'M'N'. If MN is represented by $5x+70$ and M'N' is represented by $15x-20$ , find the value of x.		2	Polygon ABCD is congruent to polygon A'B'C'D'. If $\angle A = \angle A'$ , the value of angle A' is $2x+95$ and the value of angle A is $3x+50$ , find angle A.	
3	Triangle PQR is congruent to triangle UVW with $PQ \cong UV$ . If $PQ = 3x+52$ , and $UV = 6x-8$ , find the value of x.		4	Triangle ABC is congruent to triangle A'B'C'. If angle C is represented by $4x+34$ and angle C' is represented by $2x+50$ , find the measure of angle C.	
5	Triangle LMN is congruent to triangle L'M'N'. If MN is represented by $12x-120$ and M'N' is represented by $x+1$ , find the value of x.		6	Polygon ABCD is congruent to polygon A'B'C'D'. If $\angle A = \angle A'$ , the value of angle A' is $6x-70$ and the value of angle A is $7x-85$ , find angle A.	
		7	If $QS=SR$ , $PQ \cong PR$ then $\angle QPS$ will be Congruent to $\angle RPS$ .		
		8	If $PQ \cong PR$ and $QS \cong SR$ , $PQ$ will be equal to $PS$ .		
9	Two triangles are congruent when their shape and size will be same.		10	AAS can be used in proving triangles congruent?	

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%