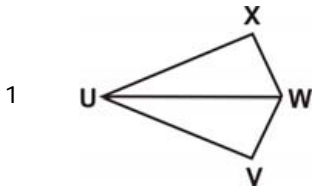
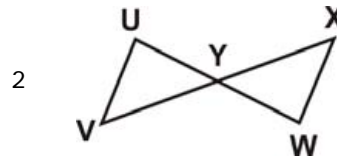


Quiz: Recognizing Congruent Triangles

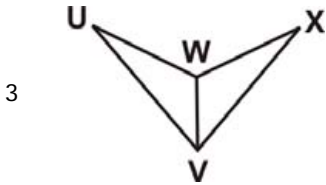
Name the method for proving triangles congruent based upon information given. If not enough information is given, write "Not Possible" (NP).



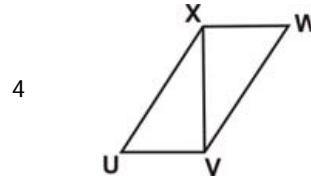
Given: $\square UVWX$
 $UX \perp WX, UV \perp VW$
 $XW \approx VW$
 Prove: $\triangle UVW \approx \triangle UXW$



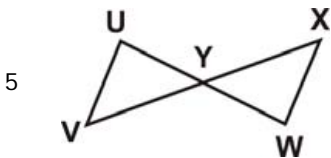
Given: $UY \approx WY, VY \approx XY, \angle UYV \approx \angle XYW$
 Prove: $\triangle UYV \approx \triangle XYW$



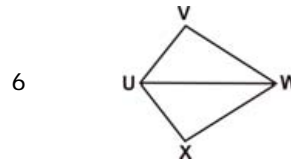
Given:
 $UW \approx XW, UV \approx XV$
 Prove: $\triangle UVW \approx \triangle XVW$



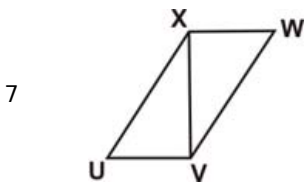
Given: $\square UVWX$ with
 $UV \approx WX; \angle W \approx \angle U,$
 $\angle VXU \approx \angle XVW$
 Prove: $\triangle UVW \approx \triangle XWV$



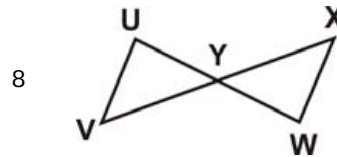
UW and XV
 intersect at $Y, \angle U \approx \angle W, \angle V \approx \angle X$
 Prove: $\triangle UYV \approx \triangle WXY$



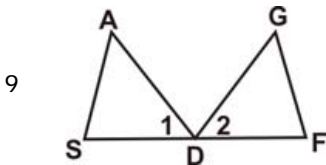
Given: $UV \approx UX$
 Prove: $\triangle UVW \approx \triangle UXW$



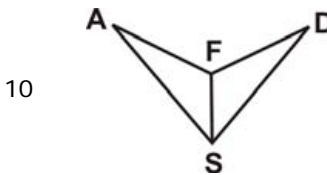
Given: $\square UVWX$ with
 $UV \approx WX; UX \approx WV$
 Prove: $\triangle UVX \approx \triangle WVX$



Given: $UY \approx WY,$
 $VY \approx XY, UV \approx XW,$
 Prove: $\triangle UYV \approx \triangle XWY$



Given: $\triangle ASD, \triangle GFD$
 $\angle 1 \approx \angle 2; AD \approx GD;$
 $\angle A \approx \angle G$
 Prove: $\triangle ASD \approx \triangle GFD$



Given: $\angle A \approx \angle D;$
 $AF \approx DF;$
 $\angle AFS \approx \angle DFS$
 Prove: $\triangle AFS \approx \triangle DFS$

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%