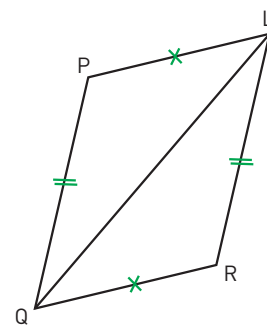


**YOU & MATHS** **Two triangles** In this figure  $PL \cong RQ$  and  $PQ \cong RL$ .  
Prove that  $\widehat{QPL} \cong \widehat{LRQ}$ .



Since side  $LQ$  is common to both triangles ( $PQL$  and  $QRL$ ), the triangles are congruent for the SSS criterion. This implies that all their angles are congruent, in particular  $\widehat{QPL} \cong \widehat{LRQ}$ .