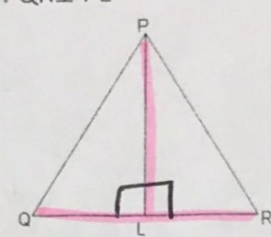
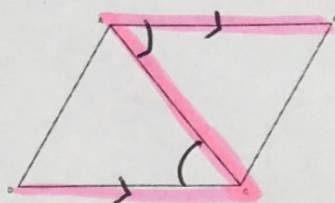
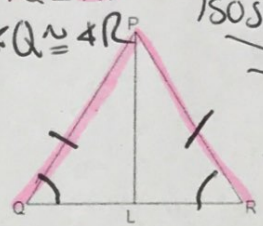
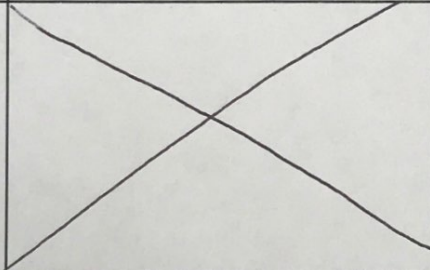
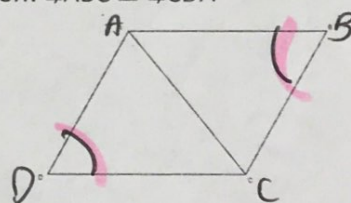
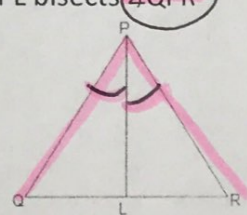


## PROOFS CHEAT SHEET

SYMBOL/ WORD	MEANING	PRODUCES	MARKING THE DIAGRAM
$\perp$	Perpendicular	congruent Right $\angle$ 's	Given: $QR \perp PL$ 
$\parallel$	Parallel	congruent Alt. int. $\angle$ 's	Given: $AB \parallel CD$ 
$\cong$	congruent	Angles/sides of equal measure	Given: $PQ \cong PR$ $\angle Q \cong \angle R$ <u>ISOSCELES!</u> 
$\angle ABC$	Angle ABC		Given: $\angle ABC \cong \angle CDA$ 
BISECTS	cut an angle or segment in half	two $\cong$ angles/ segments	Given: PL bisects $\angle QPR$ 
MIDPOINT	cut a segment in half	two $\cong$ segments	Given: L is the midpoint of QR 