



**Geometry**

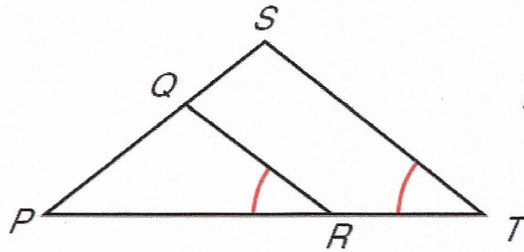
**Unit 4—similar aa, sas, sss**

**Day 3—entry task**

**Name:** \_\_\_\_\_

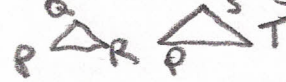
**Period:** \_\_\_\_\_

Key



We want to show that the two triangles shown are indeed similar.....

Step 1: see 2 triangles



Step 2: see  $\angle P = \angle P$  reflexive prop

Step 3:  $\angle P + \angle R + \angle Q = 180$   
 $\angle P + \angle T + \angle S = 180$

Step 4: All angles are equal so triangles are similar!  
 $PQR \sim PST$



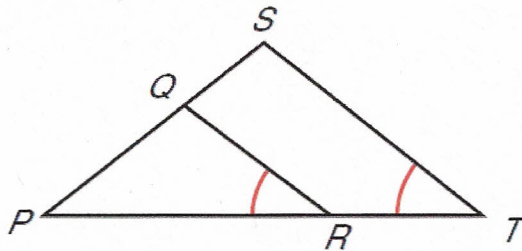
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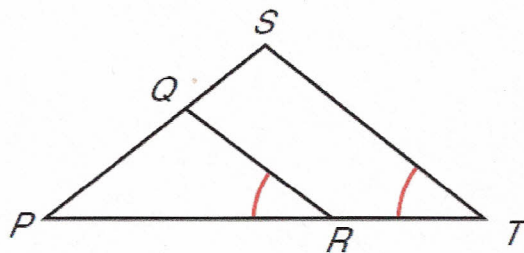
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