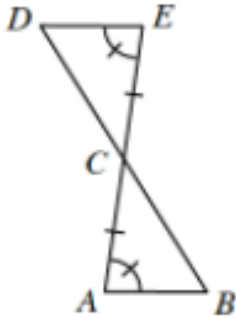


HOMEWORK HELP Website: HOMEWORK.CPM.ORG

- 7-59 For each pair of triangles below, determine if the triangles are congruent. If the triangles are congruent, make a flowchart that justifies your conclusion. Make sure your flowchart states the triangle congruence condition that justifies your conclusion. If you cannot conclude that the triangles are congruent, explain why not. (HINT: one IS congruent and one IS NOT. You must have 1 flowchart diagram below).

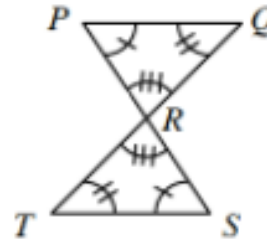
a. $\triangle CAB \cong \triangle$ _____



Congruent? YES NO

If YES – do a FLOWchart diagram showing your reasoning.

d. $\triangle PRQ \cong \triangle$ _____



Congruent? YES NO

If YES – do a FLOWchart diagram showing your reasoning.

- 7-63 Solve for the indicated variable by rewriting each equation. SHOW all steps.

a. $V = LWH$ (for W)

b. $y = \frac{x}{2} + 3$ (for x)

c. $\frac{E}{R} = I$ (for R)

d. $2x + \frac{1}{y} = 3$ (for y)