

Name:

Date:

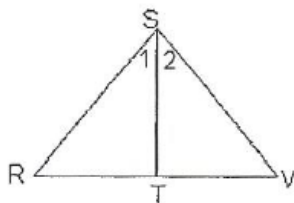
Period:

HW #6-7

1. On a separate sheet of paper, complete #1, 2, 7-10, 17-20 on page 333 of your textbook and submit through Big Ideas. Staple to this worksheet to turn in.
2. Write an indirect proof.

Given: $\overline{RS} \cong \overline{VS}$ and $m\angle 1 \neq m\angle 2$

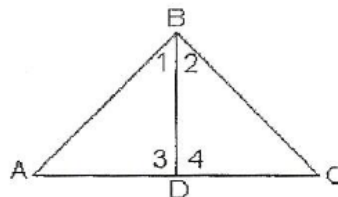
Prove: $RT \neq VT$



3. Write an indirect proof.

Given: $\overline{BD}$ bisects $\angle ABC$ and $\angle 3$ is not a right angle

Prove: $\overline{AB}$ is not congruent to $\overline{CB}$



4. Write an indirect proof.

Given: $\triangle ABC$ is isosceles and P is not the midpoint of $\overline{BC}$

Prove: $\overline{AP}$ does not bisect $\angle BAC$

