

# Challenge Problems

## 8.6

NAME \_\_\_\_\_

Module 8 Points, Lines, Angles, and Triangles  
Lesson 6 Similar Triangles

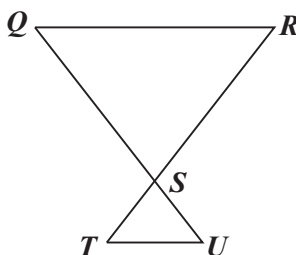
### Set 1

1

Explain why all congruent triangles are similar, but not all similar triangles are congruent.

2

Explain why  $\triangle QRS \sim \triangle UTS$ , given that  $\overline{QR} \parallel \overline{TU}$ .



# Additional Work Area