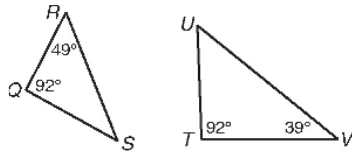


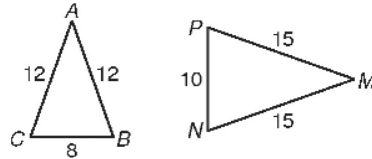
Day 2 – Proving Triangles Similar

Explain why the triangles are similar (SSS~, SAS~, or AA~) and write a similarity statement.

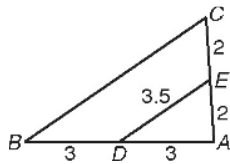
1) $\triangle RQS \sim$ _____ by _____



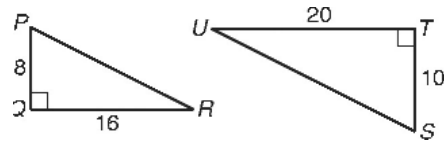
2) $\triangle ABC \sim$ _____ by _____



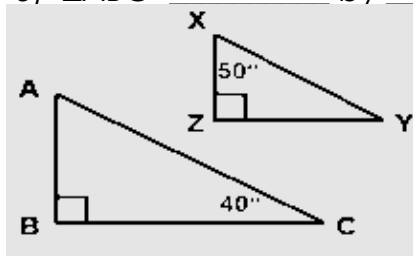
3) $\triangle ADE \sim$ _____ by _____



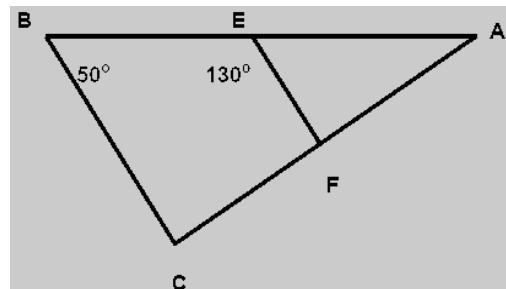
4) $\triangle QPR \sim$ _____ by _____



5) $\triangle ABC \sim$ _____ by _____

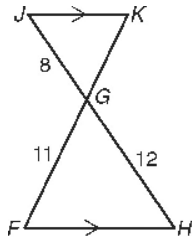


6) $\triangle AEF \sim$ _____ by _____

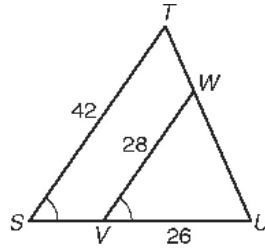


Explain why the triangles are similar ($SSS\sim$, $SAS\sim$, or $AA\sim$) and find each length.

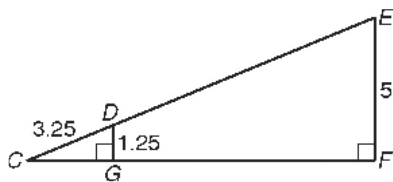
9) Similar by _____ and $GK =$ _____



10) Similar by _____ and $SU =$ _____



11) Similar by _____ and $DE =$ _____



12) Similar by _____ and $RQ =$ _____

