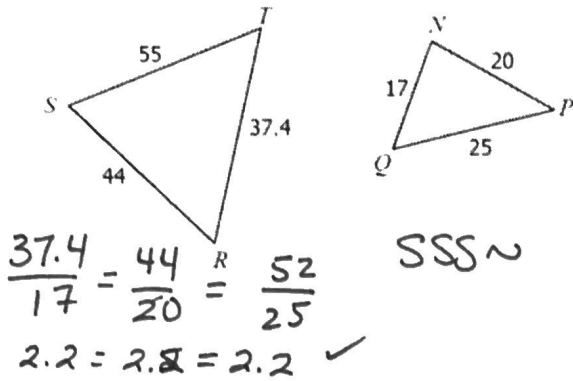
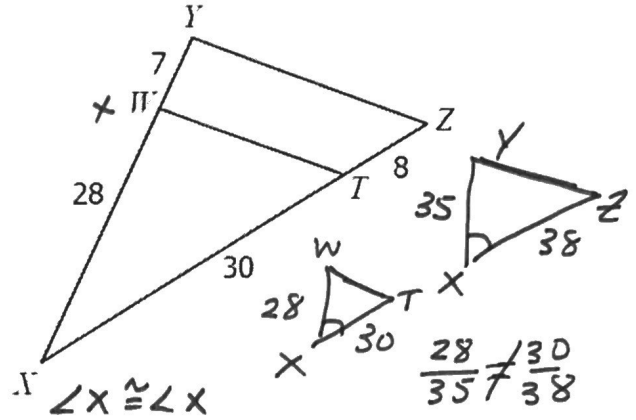


## Similar Triangle Practice:

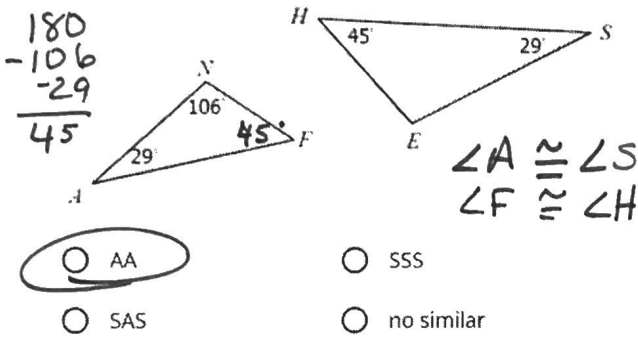
1. Determine whether the triangles are similar by AA~, SSS~, SAS~, or not similar.



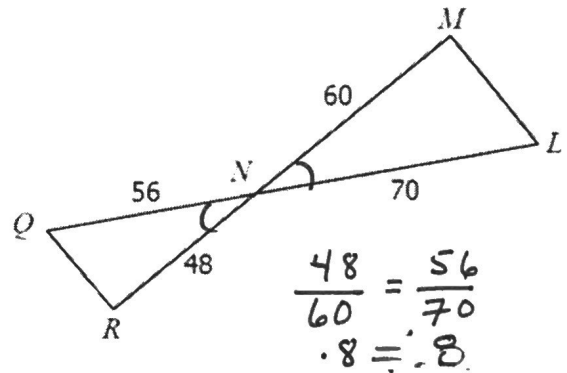
2. Determine whether the triangles are similar by AA~, SSS~, SAS~, or not similar.



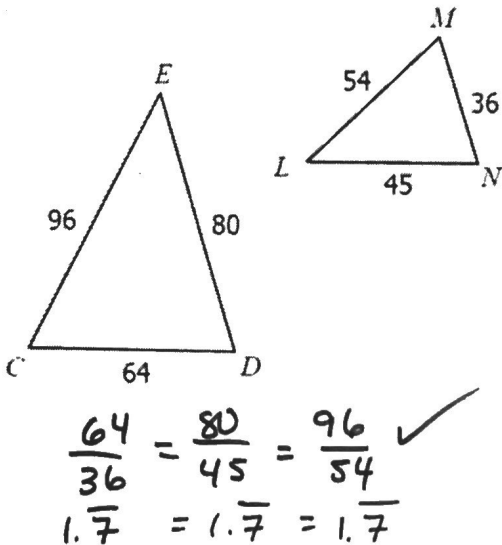
3. Determine whether the triangles are similar by AA~, SSS~, SAS~, or not similar.



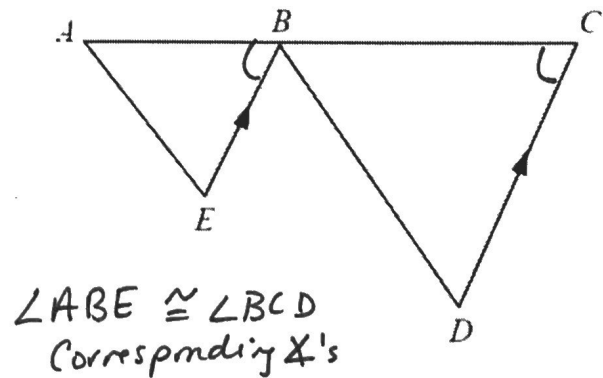
4. Determine whether the triangles are similar by AA~, SSS~, SAS~, or not similar.



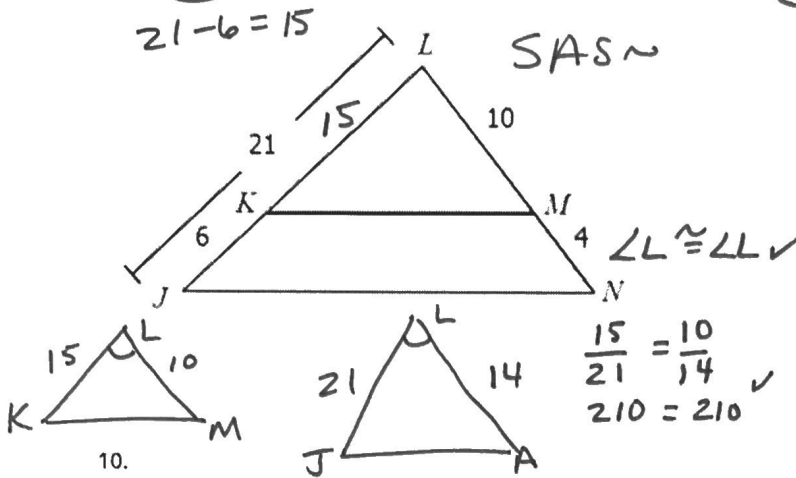
5. Determine whether the triangles are similar by AA~, SSS~, SAS~, or not similar.



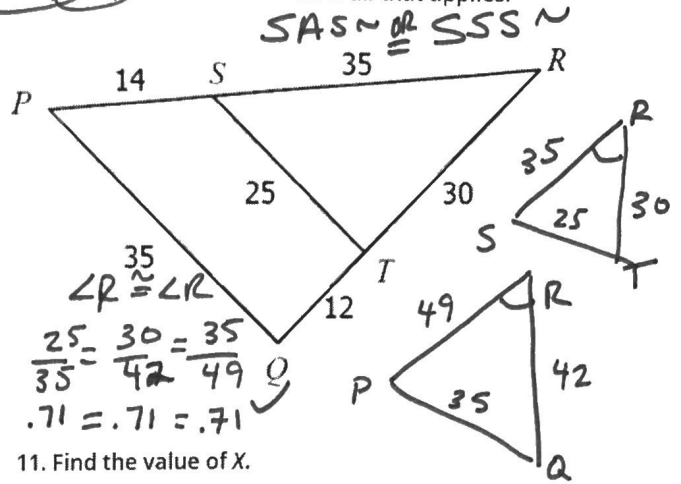
6. Determine whether the triangles are similar by AA~, SSS~, SAS~, or not similar.



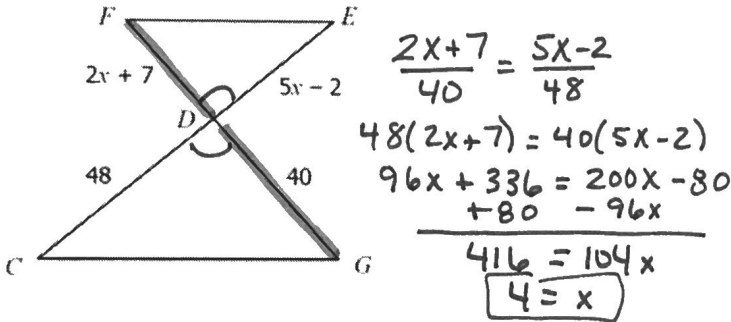
7. Determine whether the triangles are similar by AA~, SSS~, SAS~, or not similar.



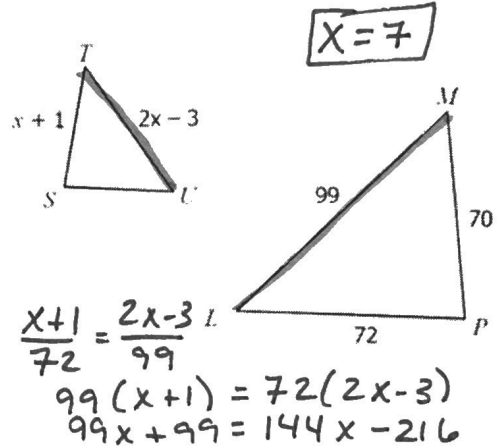
8. Determine whether the triangles are similar by AA~, SSS~, SAS~, or not similar. Select all that applies.



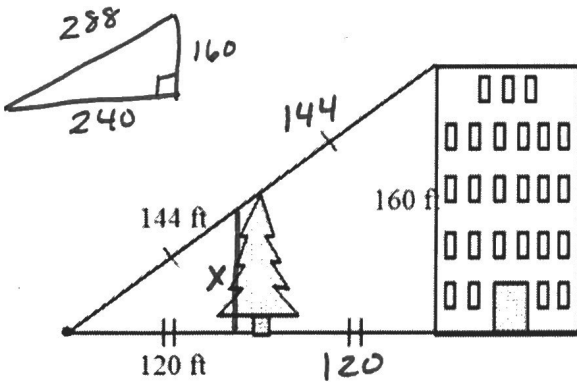
If  $\triangle CDG \sim \triangle EDF$ , find the value of  $x$ .



If  $\triangle STU \sim \triangle PLM$ , find the value of  $x$ .



14. Use the information in the diagram to determine the height of the tree.



- 80 feet       320 feet  
 40 feet       160 feet

$$\frac{120}{240} = \frac{x}{160}$$

$$19200 = 240x$$

$$80 = x$$

15. Determine whether the triangles are similar by AA~, SSS~, SAS~, or not similar.

