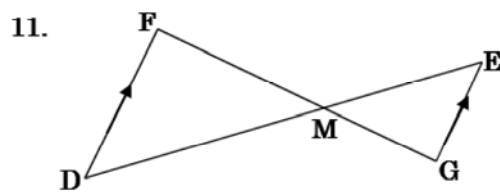
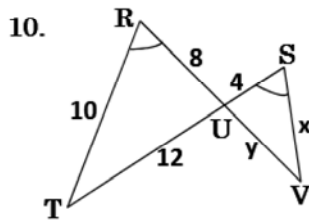
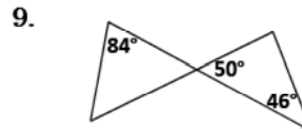
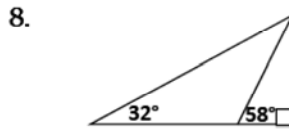
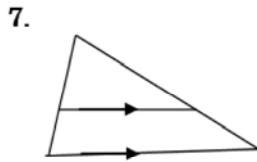
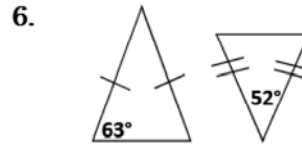
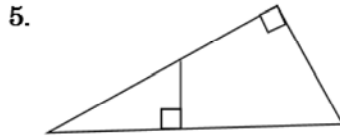
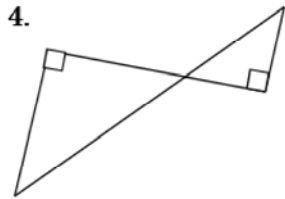
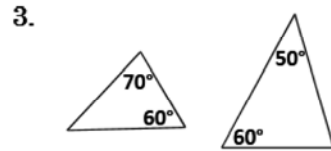
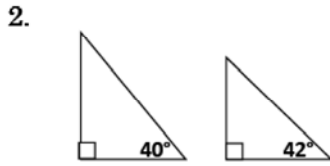
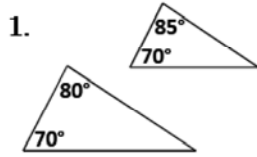


#1-9. State whether the triangles are or are not similar. Why or why not?  
Arrows indicate parallel lines.



a.  $\triangle RUT \sim \triangle$  \_\_\_\_\_

b.  $\frac{x}{10} = \frac{4}{12}$  and  $\frac{y}{12} = \frac{4}{10}$

c.  $x =$  \_\_\_ and  $y =$  \_\_\_

a.  $\triangle DMF \sim \triangle$  \_\_\_\_\_

b.  $\frac{DM}{MG} = \frac{FM}{GE} = \frac{DM}{EM}$