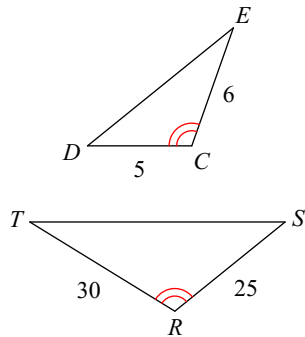


Extra Practice on Similar Triangles

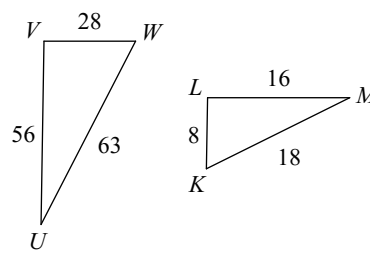
State if the triangles in each pair are similar. If so, complete the similarity statement.

1)



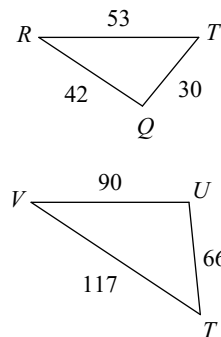
$\triangle RST \sim$ _____

2)



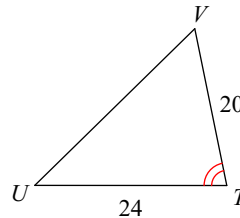
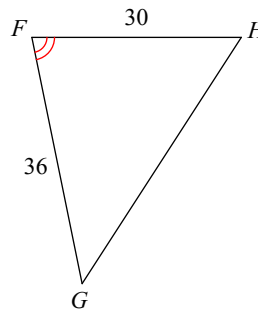
$\triangle WVU \sim$ _____

3)



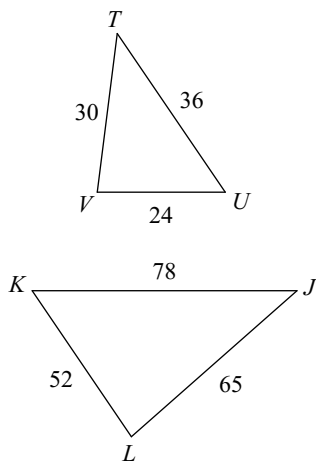
$\triangle TUV \sim$ _____

4)



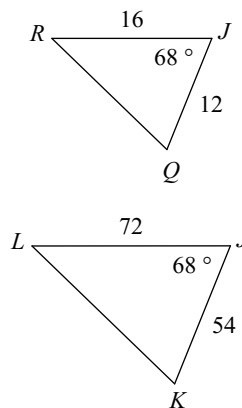
$\triangle FGH \sim$ _____

5)



$\triangle JKL \sim$ _____

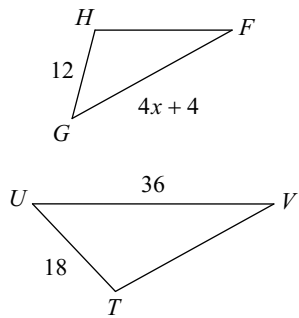
6)



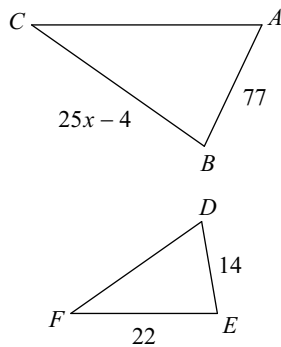
$\triangle JKL \sim$ _____

Solve for x . The triangles in each pair are similar.

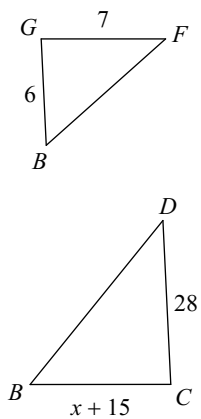
7) $\triangle VUT \sim \triangle FGH$



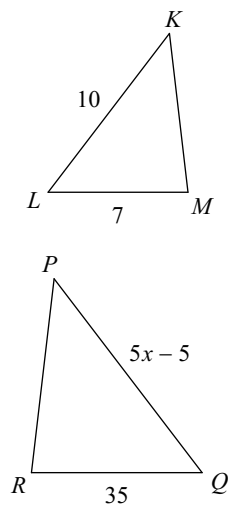
8) $\triangle ABC \sim \triangle DEF$



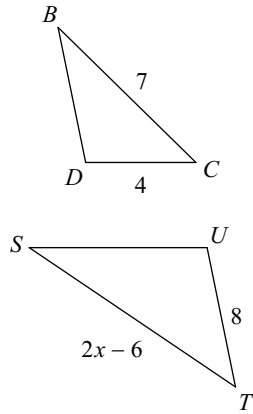
9) $\triangle BCD \sim \triangle BGF$



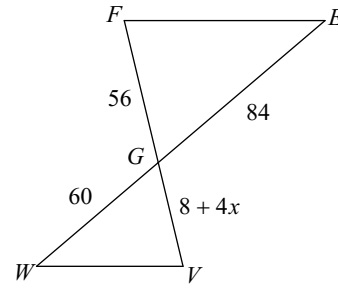
10) $\triangle RQP \sim \triangle MLK$



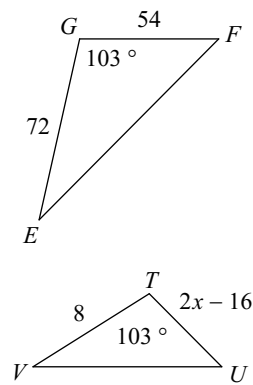
11) $\triangle STU \sim \triangle BCD$



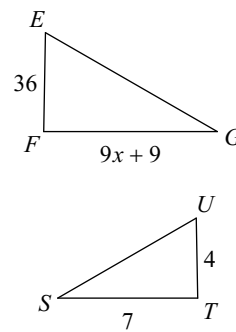
12) $\triangle GFE \sim \triangle GVW$



13) $\triangle GFE \sim \triangle TUV$



14) $\triangle EFG \sim \triangle UTS$



Answers to Extra Practice on Similar Triangles (ID: 1)

- | | | | |
|-----------------------------|-----------------------------|----------------|-----------------------------|
| 1) similar; $\triangle CDE$ | 2) similar; $\triangle KLM$ | 3) not similar | 4) similar; $\triangle TUV$ |
| 5) similar; $\triangle TUV$ | 6) similar; $\triangle JQR$ | 7) 5 | 8) 5 |
| 9) 9 | 10) 11 | 11) 10 | 12) 8 |
| 13) 11 | 14) 6 | | |