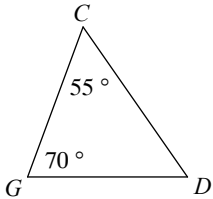
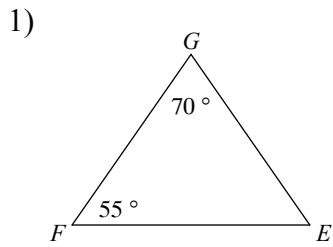
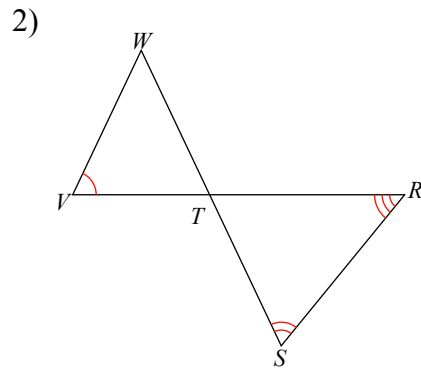


WS Similarity Practice

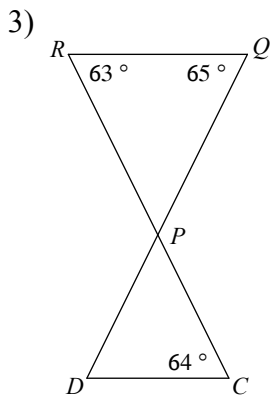
State if the triangles in each pair are similar. If so, state how you know they are similar and complete the similarity statement.



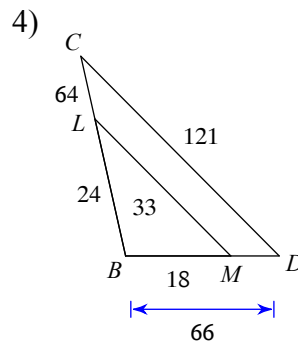
$\triangle GFE \sim$ _____



$\triangle TSR \sim$ _____

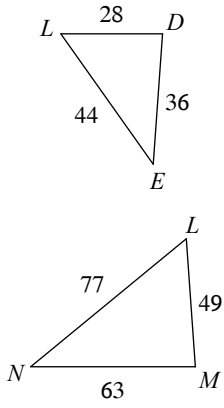


$\triangle PQR \sim$ _____



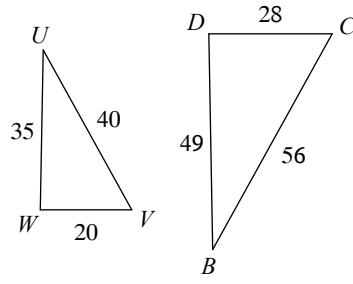
$\triangle CBD \sim$ _____

5)



$\triangle LMN \sim$ _____

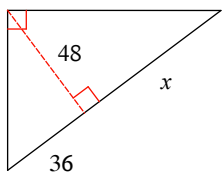
6)



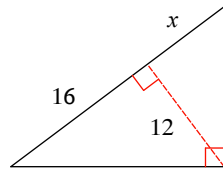
$\triangle BCD \sim$ _____

Find the missing length indicated. Leave your answer in simplest radical form.

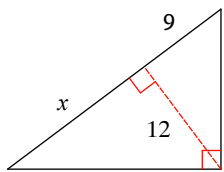
7)



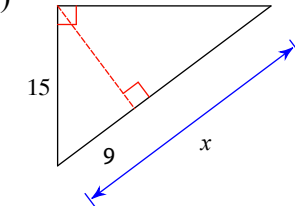
8)



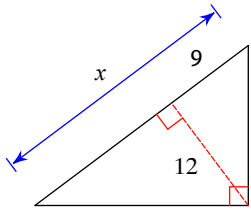
9)



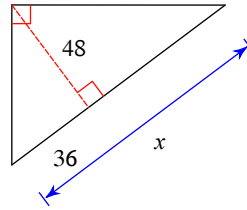
10)



11)

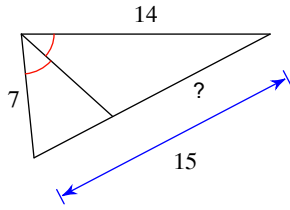


12)

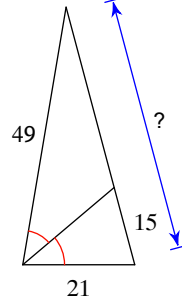


Find the missing length indicated.

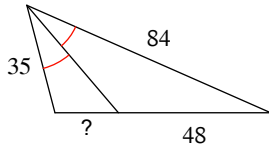
13)



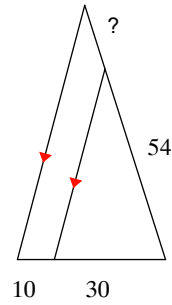
14)



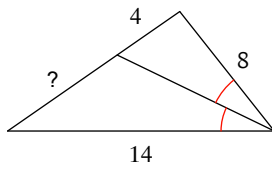
15)



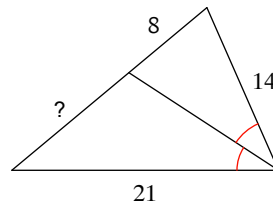
16)



17)



18)



Answers to WS Similarity Practice

- | | | |
|---|---|----------------|
| 1) similar; AA similarity; $\triangle GCD$ | 2) not similar | 3) not similar |
| 4) similar; SSS and SAS similarity; $\triangle BLM$ | 5) similar; SSS similarity; $\triangle LDE$ | |
| 6) similar; SSS similarity; $\triangle UVW$ | 7) 64 | 8) 9 |
| 9) 16 | 10) 25 | 11) 25 |
| 12) 100 | 13) 10 | 14) 50 |
| 15) 20 | 16) 18 | 17) 7 |
| 18) 12 | | |