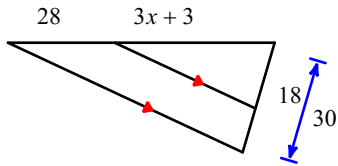


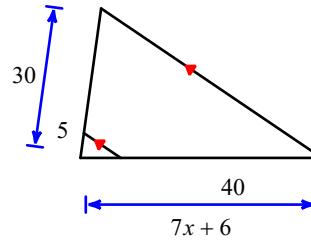
Unit 3A REVIEW

Solve for x .

1)

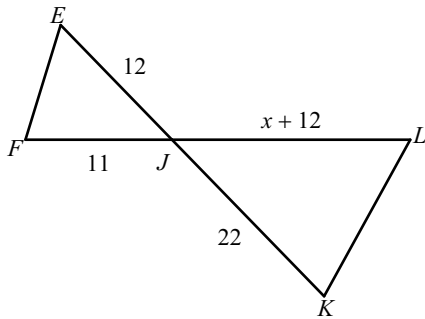


2)

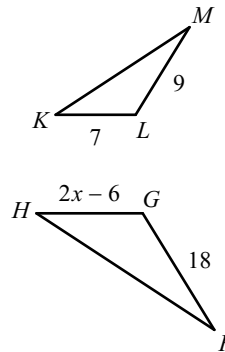


Solve for x .

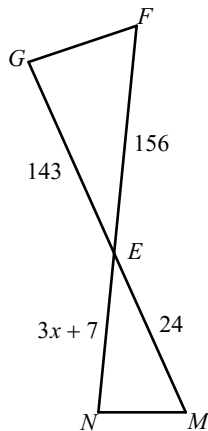
3) $\triangle JKL \sim \triangle JFE$



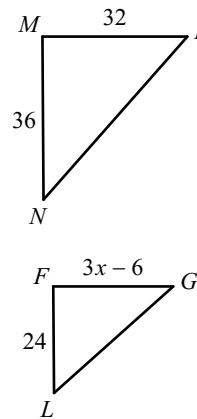
4) $\triangle FGH \sim \triangle MLK$



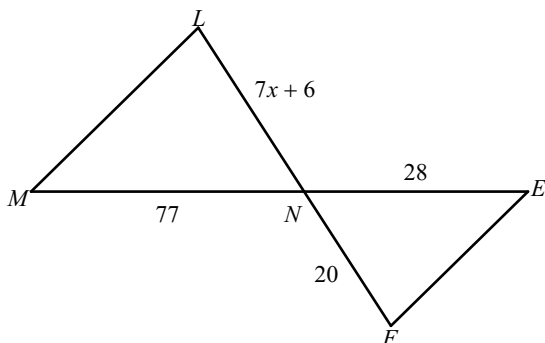
5) $\triangle EFG \sim \triangle EMN$



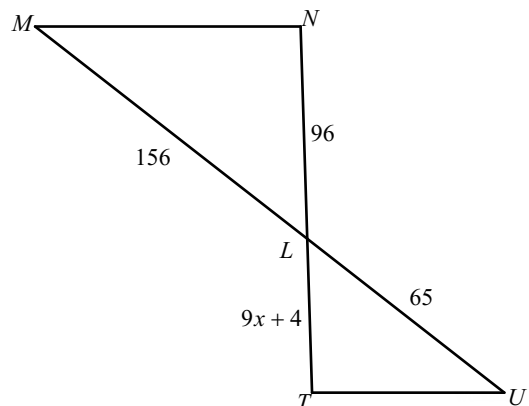
6) $\triangle LMN \sim \triangle LFG$



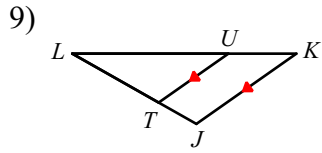
7) $\triangle NML \sim \triangle NEF$



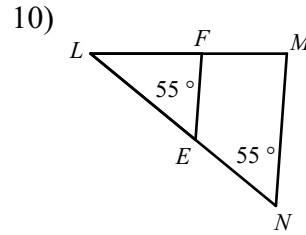
8) $\triangle LMN \sim \triangle LUT$



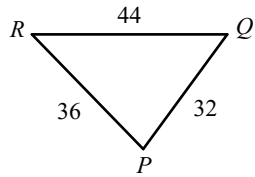
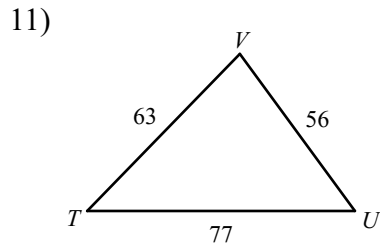
State if the triangles in each pair are similar. If so, state how you know they are similar and complete the similarity statement.



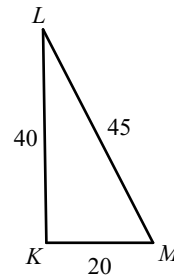
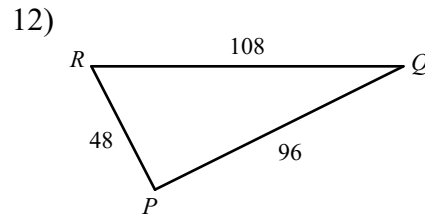
$\triangle LKJ \sim$ _____



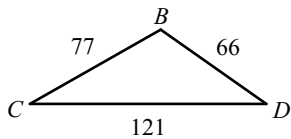
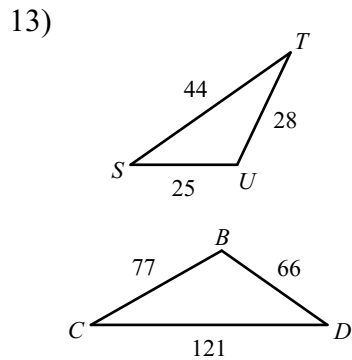
$\triangle LMN \sim$ _____



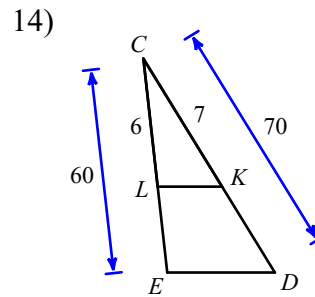
$\triangle TUV \sim$ _____



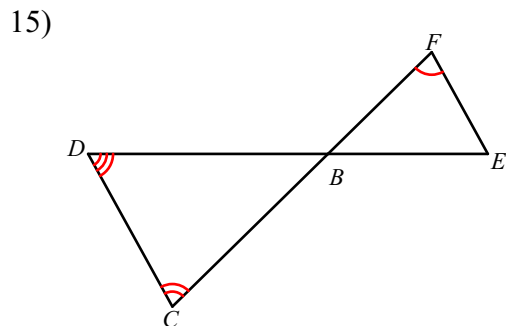
$\triangle PQR \sim$ _____



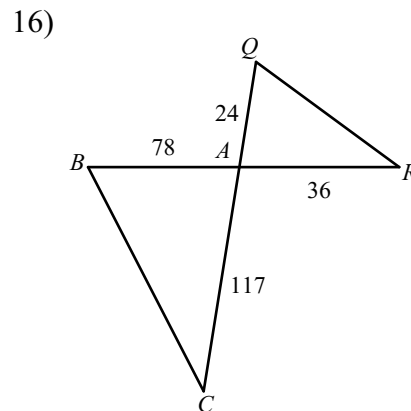
$\triangle DCB \sim$ _____



$\triangle CDE \sim$ _____



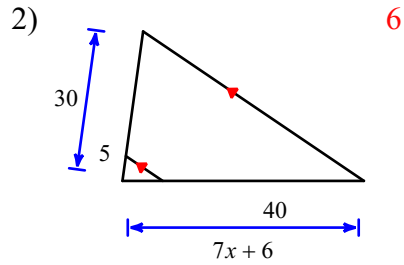
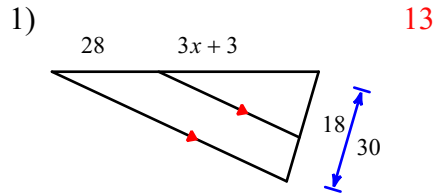
$\triangle BCD \sim$ _____



$\triangle ABC \sim$ _____

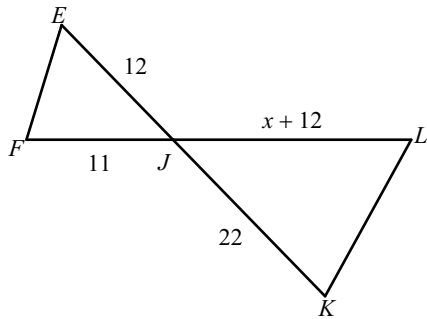
Unit 3A REVIEW

Solve for x .

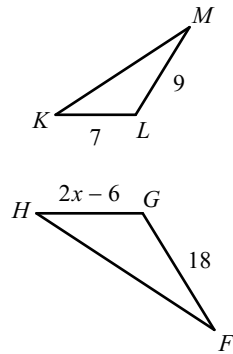


Solve for x .

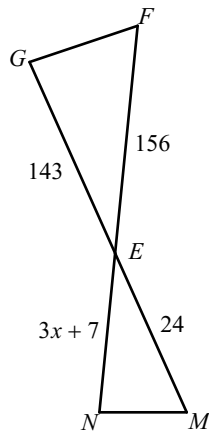
3) $\triangle JKL \sim \triangle JFE$ 12



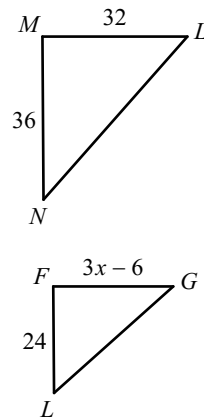
4) $\triangle FGH \sim \triangle MLK$ 10



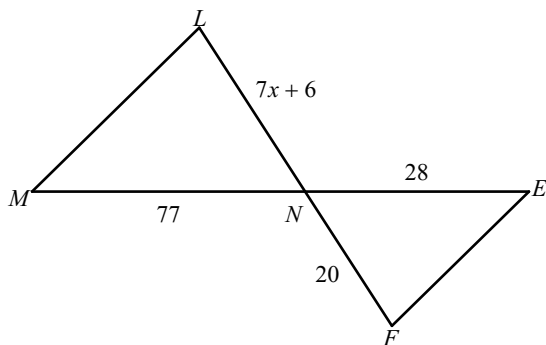
5) $\triangle EFG \sim \triangle EMN$ 5



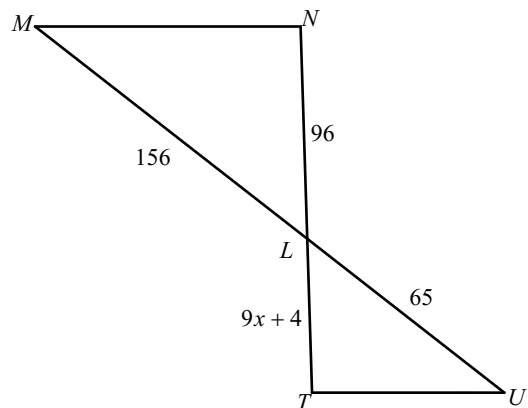
6) $\triangle LMN \sim \triangle LFG$ 11



7) $\triangle NML \sim \triangle NEF$ 7

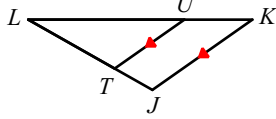


8) $\triangle LMN \sim \triangle LUT$ 4



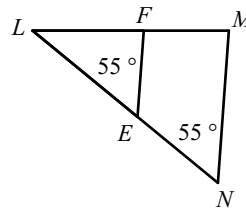
State if the triangles in each pair are similar. If so, state how you know they are similar and complete the similarity statement.

9) similar; AA similarity; $\triangle LUT \sim \triangle IJK$



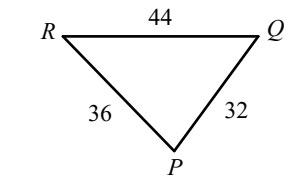
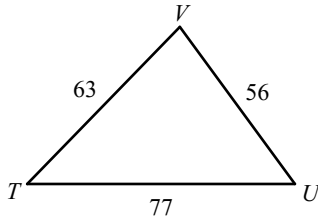
$\triangle LJK \sim$ _____

similar; AA similarity; $\triangle LFE \sim \triangle MNE$



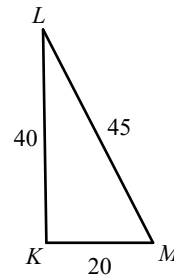
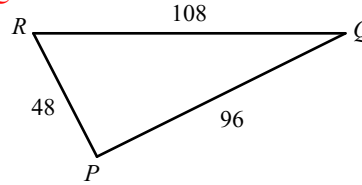
$\triangle LMN \sim$ _____

11) similar; SSS similarity; $\triangle TUV \sim \triangle RQP$



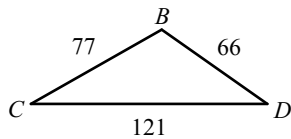
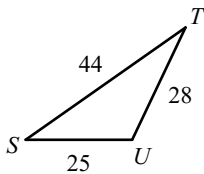
$\triangle TUV \sim$ _____

similar; SSS similarity; $\triangle PQR \sim \triangle LMK$



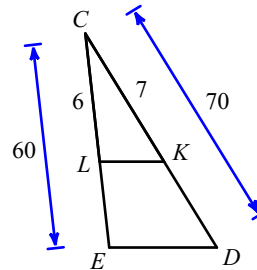
$\triangle PQR \sim$ _____

13) not similar



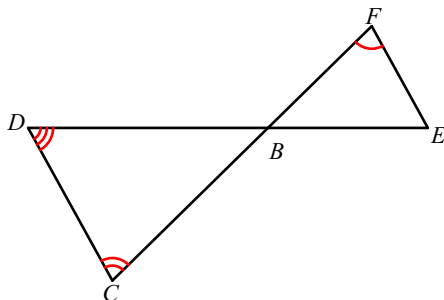
$\triangle DCB \sim$ _____

14) similar; SAS similarity; $\triangle CDE \sim \triangle CKL$



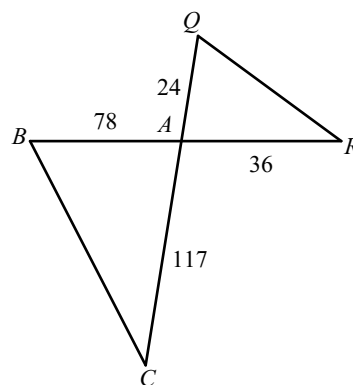
$\triangle CDE \sim$ _____

15) not similar



$\triangle BCD \sim$ _____

16) similar; SAS similarity; $\triangle ABC \sim \triangle QAR$



$\triangle ABC \sim$ _____