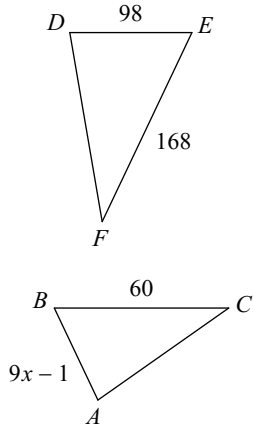


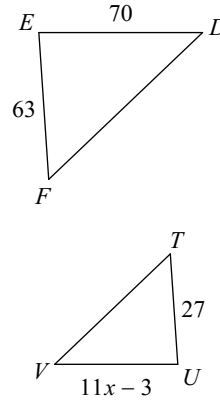
Unit 7.3 Similar Triangles EXAMPLES

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

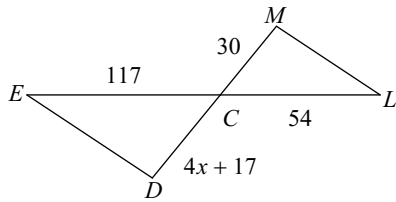
1) $\triangle DEF \sim \triangle ABC$



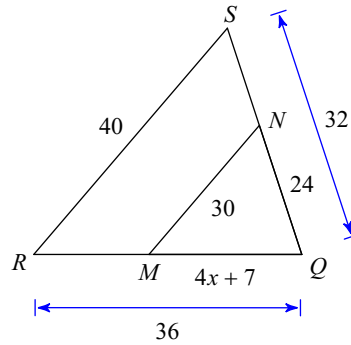
2) $\triangle FED \sim \triangle TUV$



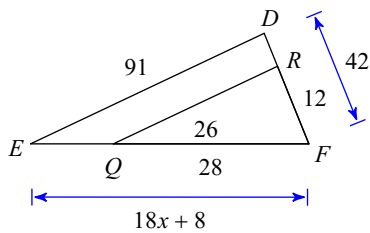
3) $\triangle CDE \sim \triangle CML$



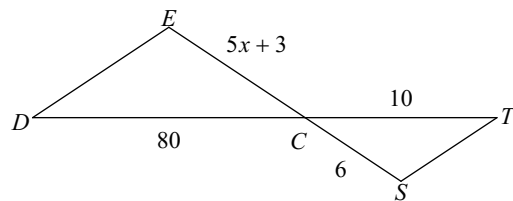
4)



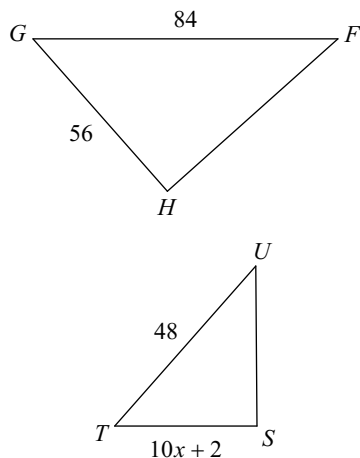
5)



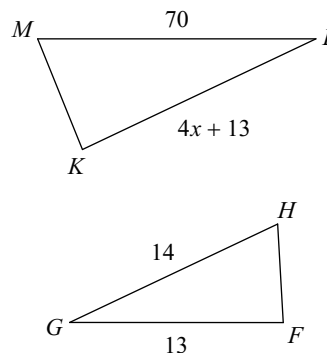
6) $\triangle CDE \sim \triangle CTS$



7) $\triangle HGF \sim \triangle STU$

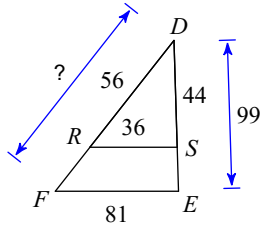


8) $\triangle KLM \sim \triangle FGH$

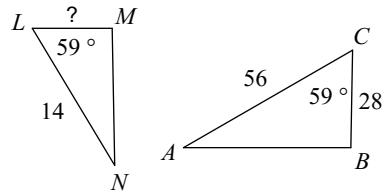


Find the missing length. The triangles in each pair are similar.

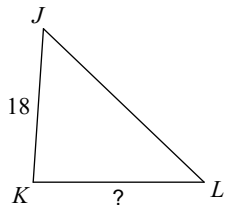
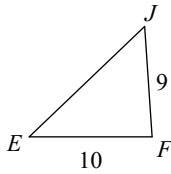
9)



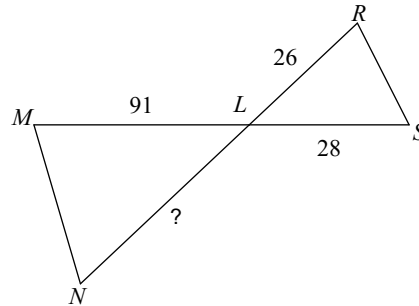
10) $\triangle CBA \sim \triangle LMN$



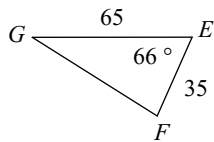
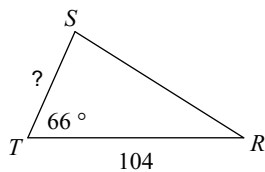
11) $\triangle JKL \sim \triangle JFE$



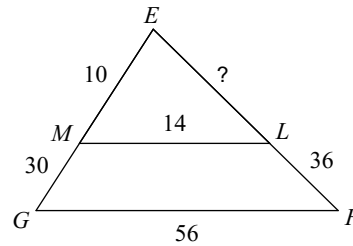
12) $\triangle LMN \sim \triangle LRS$



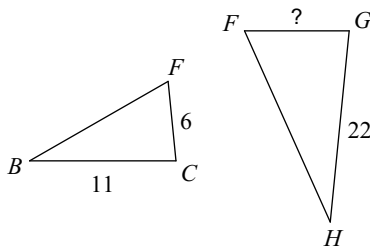
13) $\triangle TSR \sim \triangle EFG$



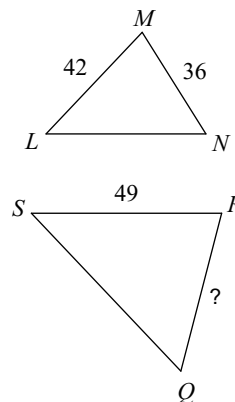
14)



15) $\triangle FGH \sim \triangle FCB$



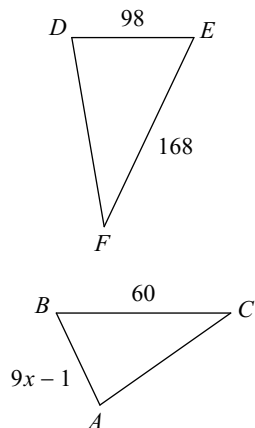
16) $\triangle SRQ \sim \triangle LMN$



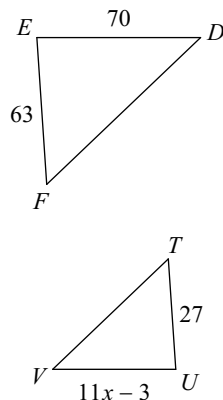
Unit 7.3 Similar Triangles EXAMPLES

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

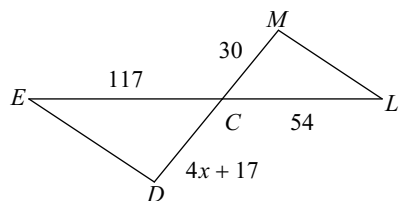
1) $\triangle DEF \sim \triangle ABC$ 4



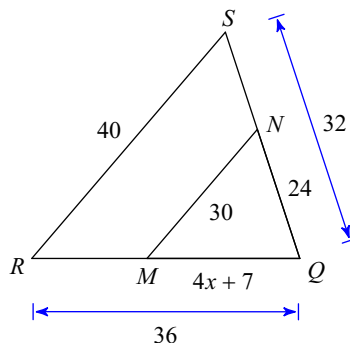
2) $\triangle FED \sim \triangle TUV$ 3



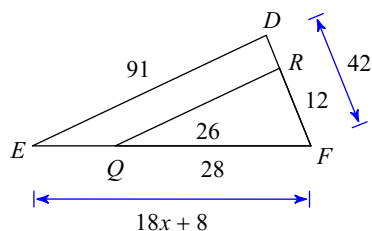
3) $\triangle CDE \sim \triangle CML$ 12



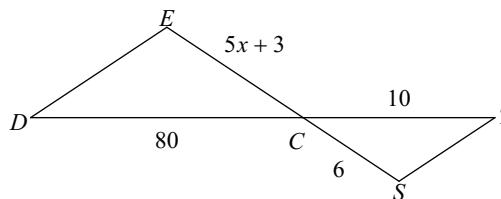
4) 5



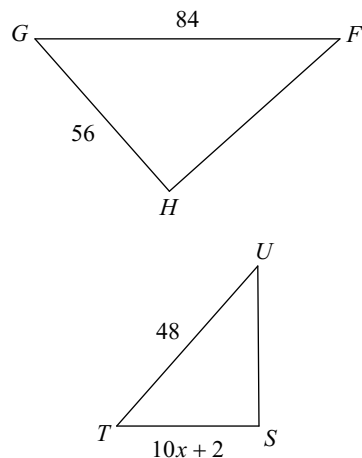
5) 5



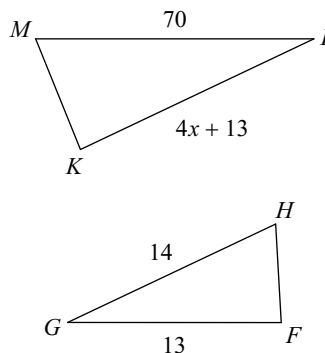
6) $\triangle CDE \sim \triangle CTS$ 9



7) $\triangle HGF \sim \triangle STU$ 3

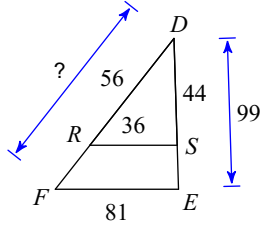


8) $\triangle KLM \sim \triangle FGH$ 13



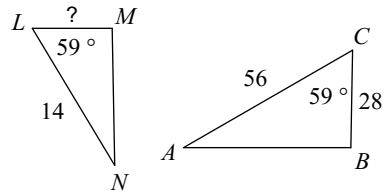
Find the missing length. The triangles in each pair are similar.

9)



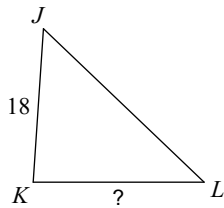
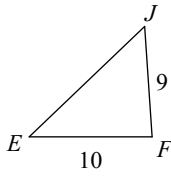
126

10) $\triangle CBA \sim \triangle LMN$



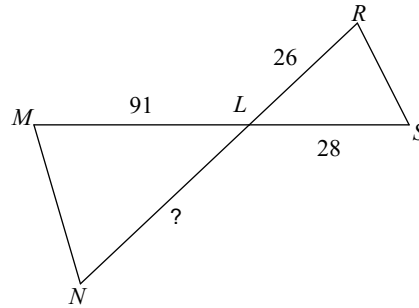
7

11) $\triangle JKL \sim \triangle JFE$



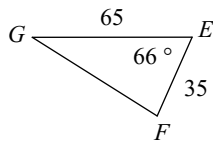
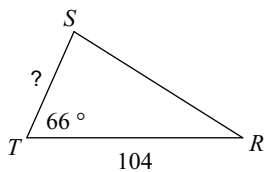
20

12) $\triangle LMN \sim \triangle LRS$



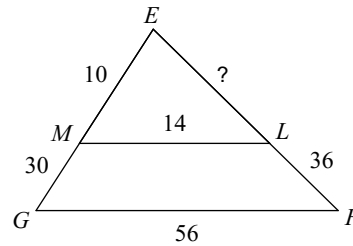
98

13) $\triangle TSR \sim \triangle EFG$



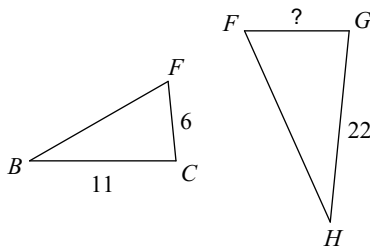
56

14)



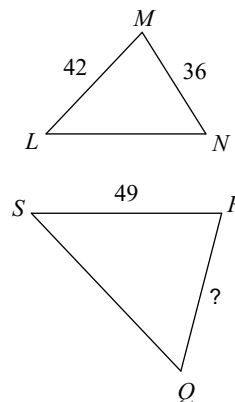
12

15) $\triangle FGH \sim \triangle FCB$



12

16) $\triangle SRQ \sim \triangle LMN$



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