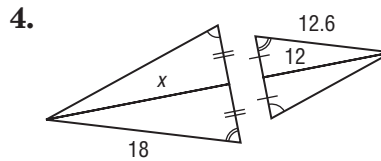
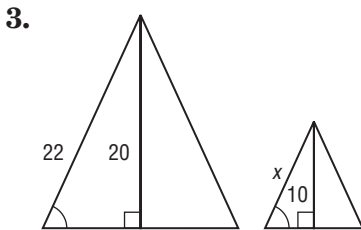
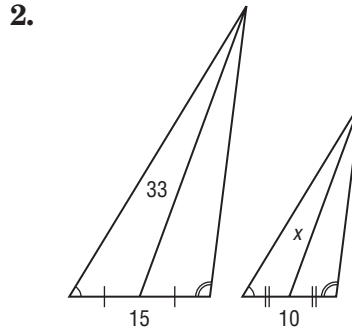
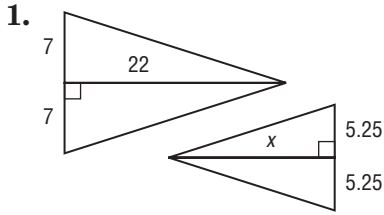


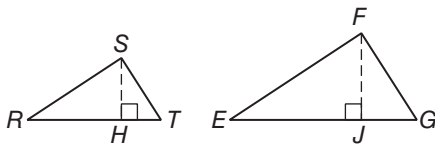
7-5 Skills Practice

Parts of Similar Triangles

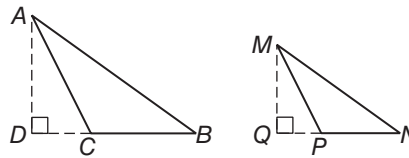
Find x .



5. If $\triangle RST \sim \triangle EFG$, \overline{SH} is an altitude of $\triangle RST$, \overline{FJ} is an altitude of $\triangle EFG$, $ST = 6$, $SH = 5$, and $FJ = 7$, find FG .



6. If $\triangle ABC \sim \triangle MNP$, \overline{AD} is an altitude of $\triangle ABC$, \overline{MQ} is an altitude of $\triangle MNP$, $AB = 24$, $AD = 14$, and $MQ = 10.5$, find MN .



Find the value of each variable.

