



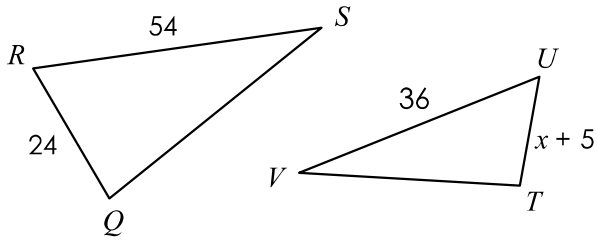
more practice with

# SIMILAR FIGURES

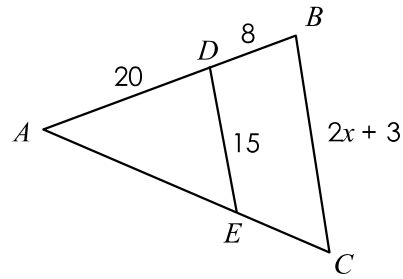


USE THE SIMILARITY RELATIONSHIP TO FIND THE INDICATED VALUE.

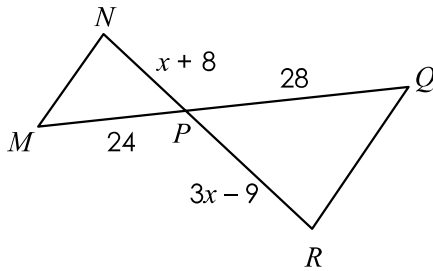
1.  $\triangle QRS \sim \triangle TUV$ ; find  $x$



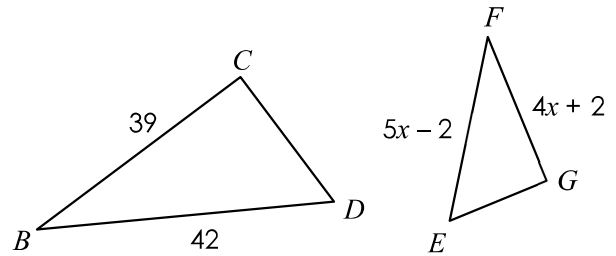
2.  $\triangle ABC \sim \triangle ADE$ ; find  $x$



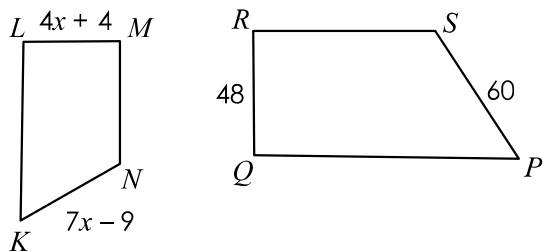
3.  $\triangle MNP \sim \triangle QRP$ ; find  $PR$



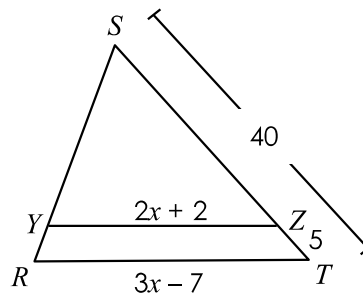
4.  $\triangle ABCD \sim \triangle FGE$ ; find  $FE$



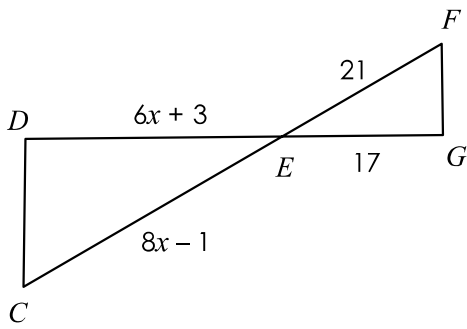
5.  $KLMN \sim PQRS$ ; find  $x$



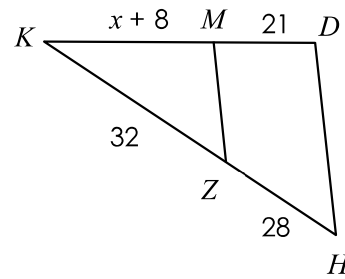
6.  $\triangle RST \sim \triangle YSZ$ ; find  $YZ$



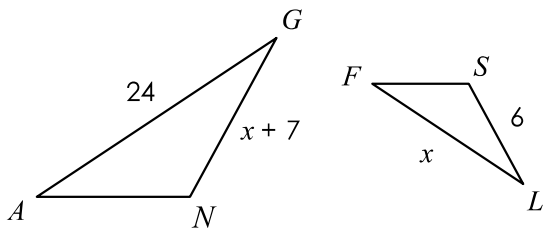
7.  $\triangle CDE \sim \triangle FGE$ ; find  $CE$



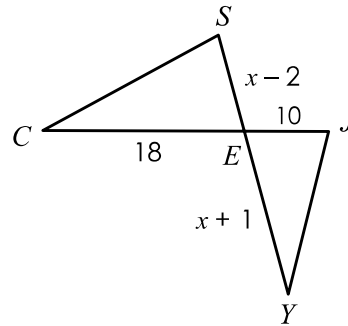
8.  $\triangle KMZ \sim \triangle KDH$ ; find  $x$



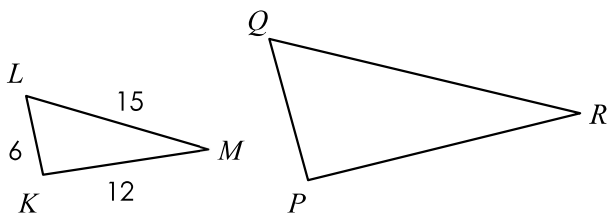
9.  $\triangle AGN \sim \triangle FLS$ ; find  $x$



10.  $\triangle CSE \sim \triangle YJE$ ; find  $EY$



11. If  $\triangle KLM \sim \triangle PQR$  with a scale factor of 3:5, find the perimeter of  $\triangle PQR$ .



12. If  $\triangle TSR \sim \triangle TFE$ , find the perimeter of  $\triangle TFE$ .

