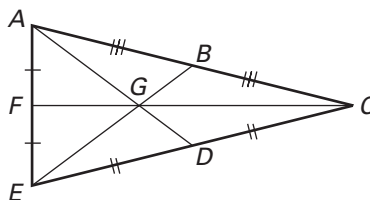


Practice A

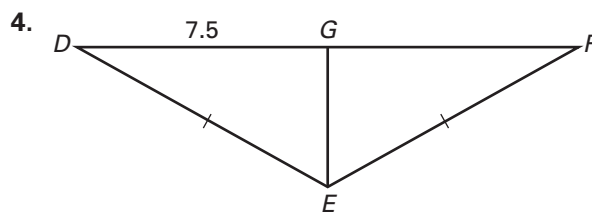
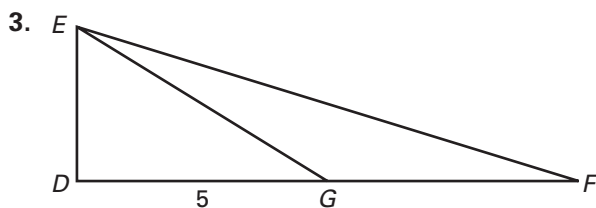
For use with pages 206–211

Use the diagram at the right.

1. Identify the medians in $\triangle ACE$.
2. Identify the centroid in $\triangle ACE$.



\overline{EG} is a median of $\triangle DEF$. Find the length of \overline{GF} .

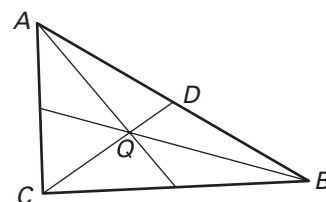
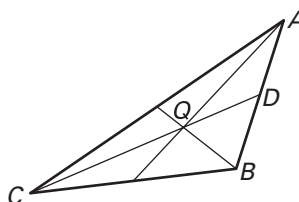
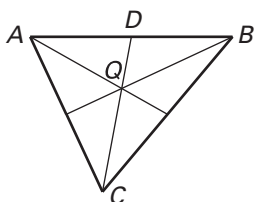


Q is the centroid of $\triangle ABC$. Find CQ and QD .

5. $CD = 12$

6. $CD = 18$

7. $CD = 6$

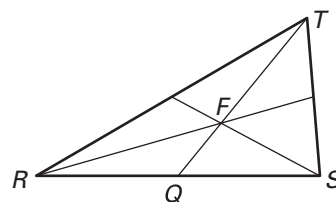
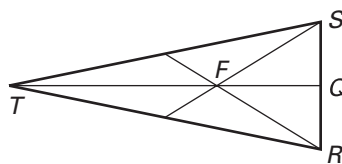
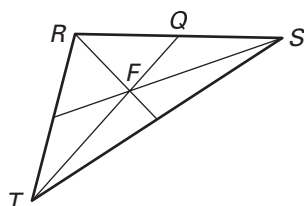


F is the centroid of $\triangle RST$. Find TF and TQ .

8. $FQ = 4$

9. $FQ = 7$

10. $FQ = 2$



11. The figure at the right shows five towns in New York. Schenectady is approximately the centroid between the towns of Amsterdam, Greenwich, and Ravena. The distance between Greenwich and Altamont is 39 miles. What is the distance between Greenwich and Schenectady?

