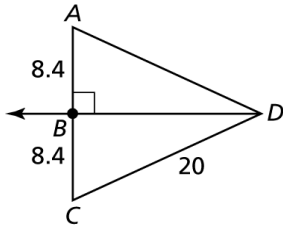


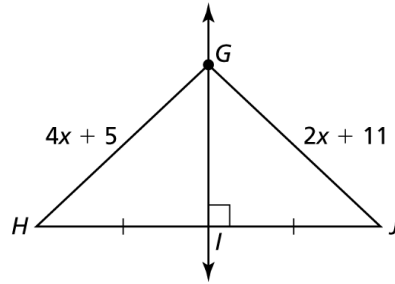
CHAPTER 6 STUDY GUIDE

In Exercises 1-4, find the indicated measure. Explain your reasoning.

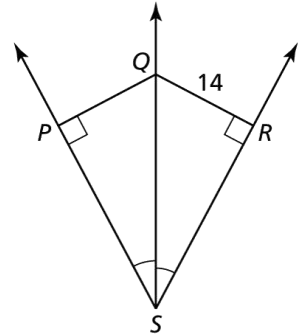
1. AD 5.



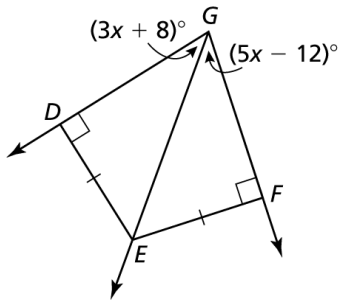
2. GJ



3. PQ



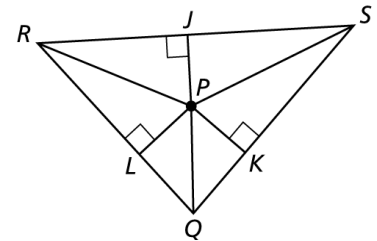
4. $m\angle DGF$



5.) Find the coordinates of the circumcenter of the triangle with the given vertices. $J(6, 0)$, $K(0, 0)$, $L(0, 4)$

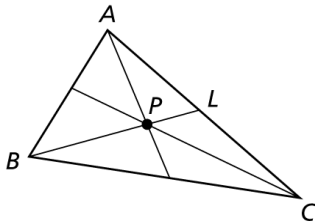
In Exercise 6, P is the incenter of triangle QRS . Use the given information to find the indicated measure.

6. $PJ = 4x - 8$, $PL = x + 7$
Find PK .

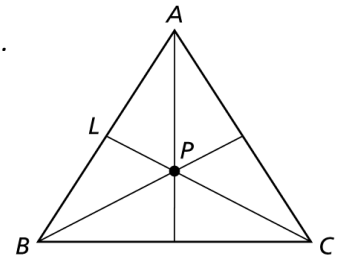


In Exercises 7-8, point P is the centroid of triangle ABC . Use the given information to find the indicated measures.

7. $BL = 12$
Find BP and PL .



8. $CP = 16$
Find PL and CL .



9) Find the coordinates of the centroid: $Q(-2, 6)$, $R(4, 0)$, $S(10, 6)$

