

TEXTBOOK:

p.311 #s 29, 30, 31

p. 312 #s 13, 14, 15, 16, 29-32, 43

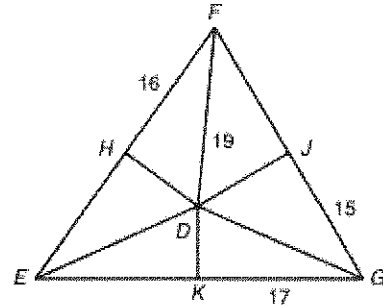
\overline{HD} , \overline{JD} , and \overline{KD} are the perpendicular bisectors of $\triangle EFG$.
Find each length.

1. DG

2. EK

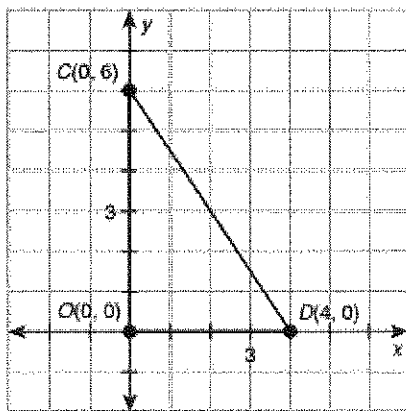
3. FJ

4. DE

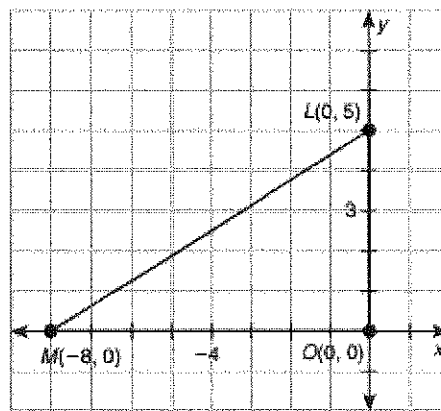


Find the circumcenter of each triangle.

5.



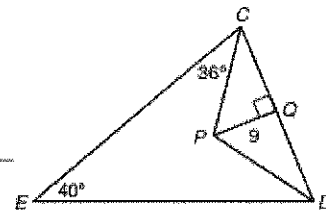
6.



\overline{PC} and \overline{PD} are angle bisectors of $\triangle CDE$. Find each measure.

7. the distance from P to \overline{CE}

8. $m\angle PDE$



\overline{KX} and \overline{KZ} are angle bisectors of $\triangle XYZ$. Find each measure.

9. the distance from K to \overline{YZ}

10. $m\angle KZY$

