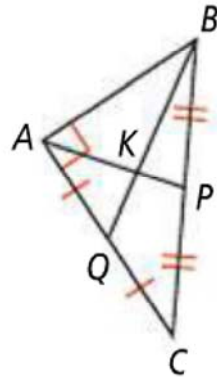


Homework: p.312: 1-5, 8-10, 24-27

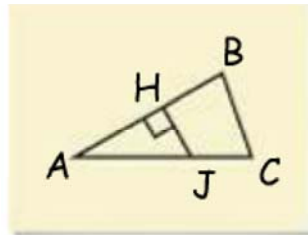
Do you know HOW?

Use $\triangle ABC$ for Exercises 1-4.

1. Is \overline{AP} a *median* or an *altitude*?
2. If $AP = 18$, what is KP ?
3. If $BK = 15$, what is KQ ?
4. Which two segments are altitudes?

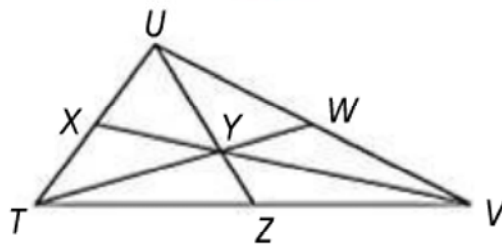


- © 5. **Error Analysis** Your classmate says she drew \overline{HJ} as an altitude of $\triangle ABC$. What error did she make?



In $\triangle TUV$, Y is the centroid.

8. If $YW = 9$, find TY and TW .
9. If $YU = 9$, find ZY and ZU .
10. If $VX = 9$, find VY and YX .



In Exercises 24-27, name each segment.

24. a median in $\triangle ABC$
25. an altitude in $\triangle ABC$
26. a median in $\triangle BDC$
27. an altitude in $\triangle AOC$

