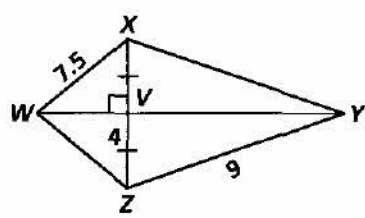


Practice 5-2

Bisectors in Triangles

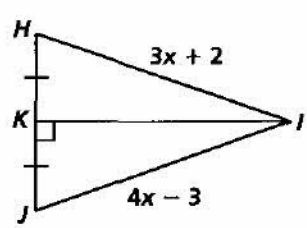
Use the figure at the right for Exercises 1–5.

- How is \overline{WY} related to \overline{XZ} ?
- Find XV .
- Find WZ .
- Find XY .
- What kind of triangle is $\triangle WXV$?



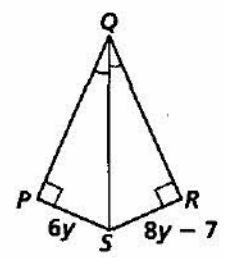
Use the figure at the right for Exercises 6–10.

- Find the value of x .
- Find HI .
- Find JI .
- If L lies on \overline{KI} , then L is ? from H and J .
- What kind of triangle is $\triangle HIJ$?



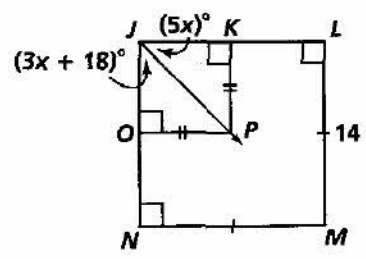
Use the figure at the right for Exercises 11–14.

- Find the value of y .
- Find PS .
- Find RS .
- What kind of triangle is $\triangle PQS$?



Use the figure at the right for Exercises 15–21.

- How is \overline{JP} related to $\angle LJN$?
- Find the value of x .
- Find $m\angle KJP$.
- Find $m\angle OJP$.
- Find NM .
- Write a conclusion about point M .
- What kind of triangle is $\triangle JOP$?



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