Practice 5-2
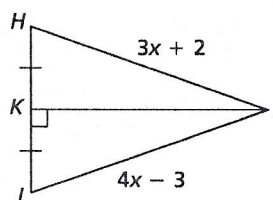
Use the figure at the right for Exercises 1–5.

1. How is $\overline{WY}$ related to $\overline{XZ}$?

2. Find XV.

3. Find WZ.

4. Find XY.

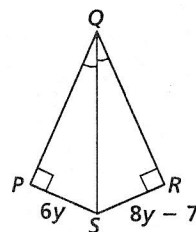5. What kind of triangle is $\triangle WXV$?
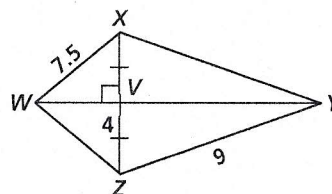
Use the figure at the right for Exercises 6–10.

6. Find the value of x.

7. Find HI.

8. Find JL.

9. If L lies on $\overline{KI}$, then L is __?__ from H and J.

10. What kind of triangle is $\triangle HIJ$?

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

11. Find the value of y.

12. Find PS.

13. Find RS.

14. What kind of triangle is $\triangle PQS$?

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

15. How is $\overrightarrow{JP}$ related to $\angle LJN$?

16. Find the value of x.

17. Find $m\angle KJP$.

18. Find $m\angle OJP$.

19. Find NM.

20. Write a conclusion about point M.

21. What kind of triangle is $\triangle JOP$?