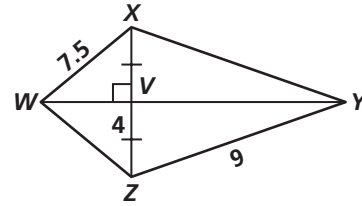# Practice 5-2

Bisectors in Triangles
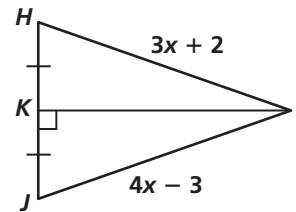
Use the figure at the right for Exercises 1–4.

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

2. Find XV. _____

3. Find XY. _____

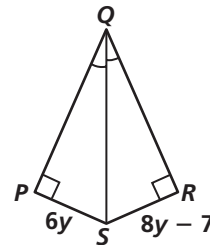4. What kind of triangle is $\triangle WXV$? _____

Use the figure at the right for Exercises 5–7.

5. Find the value of x. _____

6. Find HI. _____

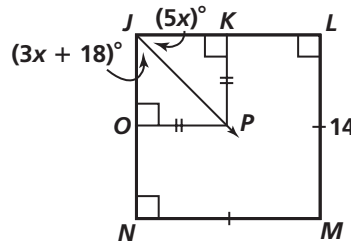7. What kind of triangle is $\triangle HIJ$? _____

Use the figure at the right for Exercises 8–10.

8. Find the value of y. _____

9. Find PS. _____

10. What kind of triangle is $\triangle PQS$? _____

Use the figure at the right for Exercises 11–15.

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

12. Find the value of x. _____

13. Find $m\angle KJP$. _____

14. Find NM. _____

15. What kind of triangle is $\triangle JOP$? _____