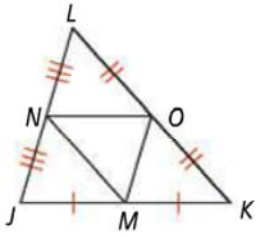
Homework p. 288-289: 2-24 even and Algebra Review Week 16 WS

Lesson Check

Do you know HOW?

Use the figure at the right for Exercises 1–3.



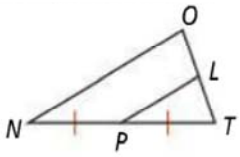
2. If $LK = 46$, what is NM?

Do you UNDERSTAND?

MATHEMATICAL PRACTICES

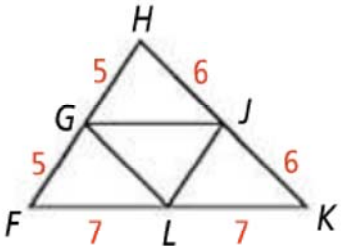
4. **Vocabulary** How does the term *midsegment* describe the segments discussed in this lesson?

6. **Error Analysis** A student sees this figure and concludes that $\overline{PL} \parallel \overline{NO}$. What is the error in the student's reasoning?

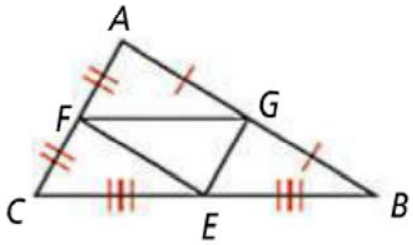


Identify three pairs of parallel segments in each diagram.

8.



Name the segment that is parallel to the given segment.

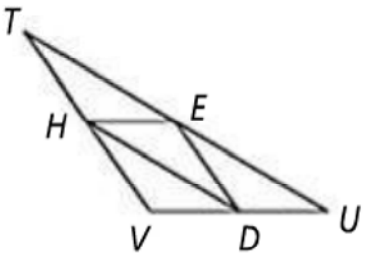


10. $\overline{BC}$

12. $\overline{CA}$

14. $\overline{FG}$

Points *E*, *D*, and *H* are the midpoints of the sides of $\triangle TUV$. $UV = 80$, $TV = 100$, and $HD = 80$.

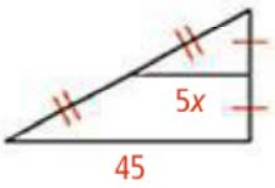


16. Find ED.

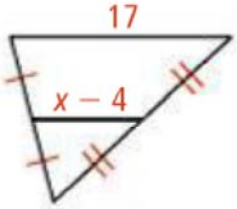
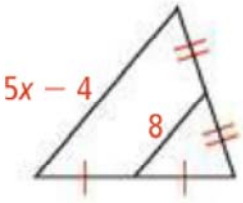
18. Find TE.

Algebra Find the value of *x*.

20.



22.



24.