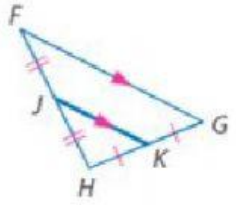
WORKSHEET LESSON 6-4

USING TRIANGLE MIDSEGMENT THEOREM

Theorem 15.7 Triangle Midsegment Theorem

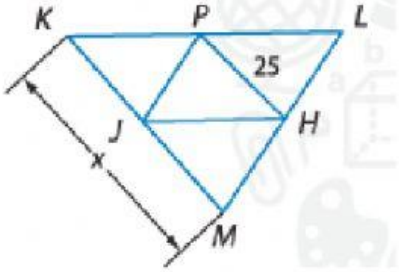
A midsegment of a triangle is parallel to one side of the triangle, and its length is one half the length of that side.

Example If J and K are midpoints of $\overline{FH}$ and $\overline{HG}$, respectively, then $\overline{JK} \parallel \overline{FG}$ and $JK = \frac{1}{2}FG$.



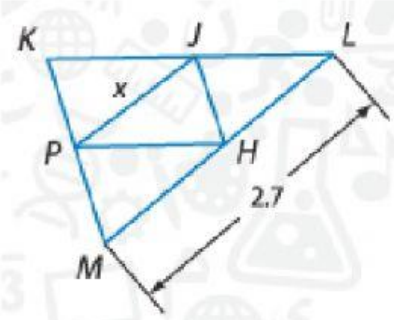
$\overline{JH}$, $\overline{JP}$, and $\overline{PH}$ are midsegments of $\triangle KLM$. Find the value of x.

1)



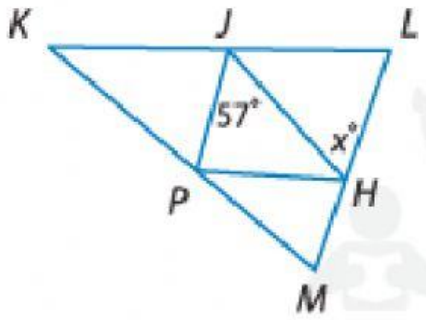
X =

2)



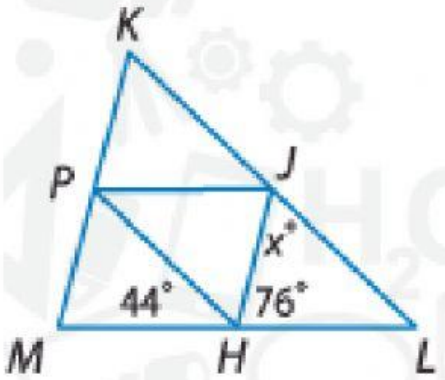
X =

3)



X =

4)



X =