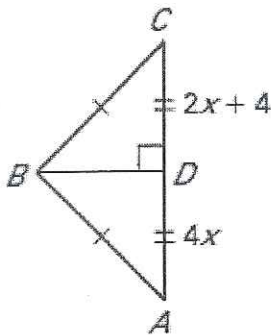


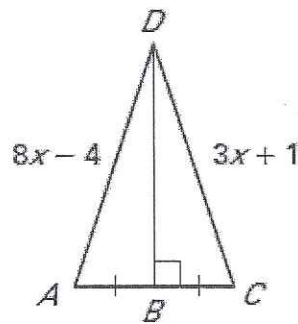


Find the length of \overline{CD} .

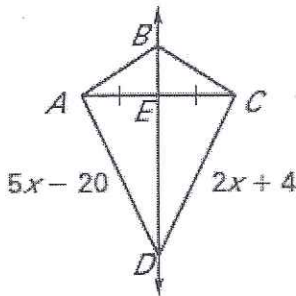
1.



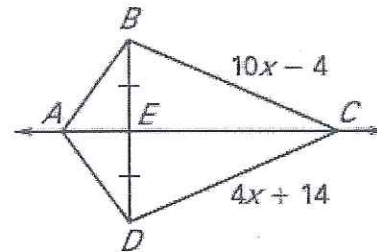
2.



3.



4.



Use the diagram. \overline{EH} is the perpendicular bisector of \overline{DF} . Find the indicated measure.

7. Find EF . 44

8. Find DE . 44

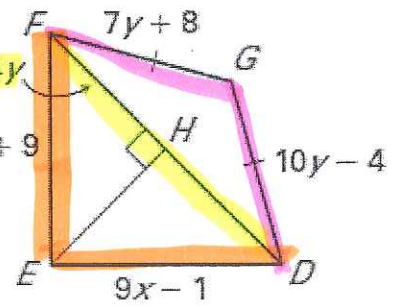
9. Find FG . 36

10. Find DG . 36

11. Find FH . 31

12. Find DF . 62

$3(5) + 4(4) = 31$



$$\begin{array}{r} 7y + 8 = 10y - 4 \\ -8 \quad -8 \\ \hline 7y = 10y - 12 \\ -10y \quad -10y \\ \hline -3y = -12 \\ \frac{-3y}{-3} = \frac{-12}{-3} \\ y = 4 \end{array}$$

$$\begin{array}{r} 7y + 8 \\ 7(4) + 8 \\ \hline 36 \end{array}$$

$$\begin{array}{r} 7x + 9 = 9x - 1 \\ -9 \quad -9 \\ \hline 7x = 9x - 10 \\ -9x \quad -9x \\ \hline -2x = -10 \\ \frac{-2x}{-2} = \frac{-10}{-2} \\ x = 5 \end{array}$$

$$\begin{array}{r} 7x + 9 \\ 7(5) + 9 \\ \hline 44 \end{array}$$

$x = 5$