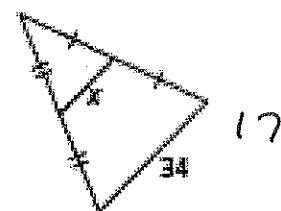


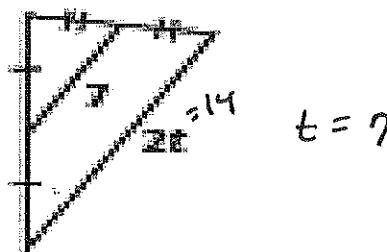
1.

In  $\triangle MNO$ , the points C, D, and E are midpoints.  $CD = 4 \text{ cm}$ ,  $CE = 8 \text{ cm}$ , and  $DE = 7 \text{ cm}$ .

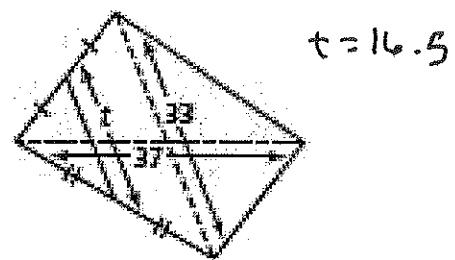
- a. Find  $MO$  8 cm  
 b. Find  $NO$  16 cm  
 c. Find  $MN$  14 cm

2. Find  $x$ 

3. Find the missing variable



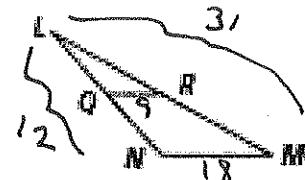
4. Find the missing variable



5. Find the missing variable

$QR$  is a midsegment of  $\triangle LMN$ .

- a.  $QR = 9$ . Find  $NM$  18  
 b.  $LN = 12$  and  $LM = 3L$ . Find the perimeter of  $\triangle LMN$  60



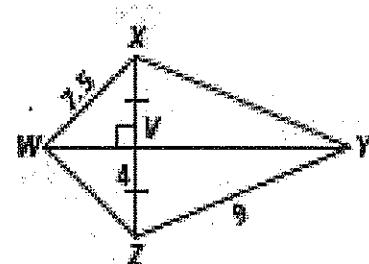
6.

How is  $WY$  related to  $XZ$ ?  $\perp$

Find  $XV$  4

Find  $XY$  9

What kind of triangle is  $\triangle WXV$ ? Right



7.

How is  $JF$  related to  $\angle LJM$ ? angle bisector

Find the value of  $x$ . 1

Find  $m\angle KJP$  45°

Find  $NM$ . 14

What kind of triangle is  $\triangle QOP$ ? Right

$$\begin{aligned} 3x + 18 &= 5x \\ 18 &= 2x \\ 9 &= x \end{aligned}$$

