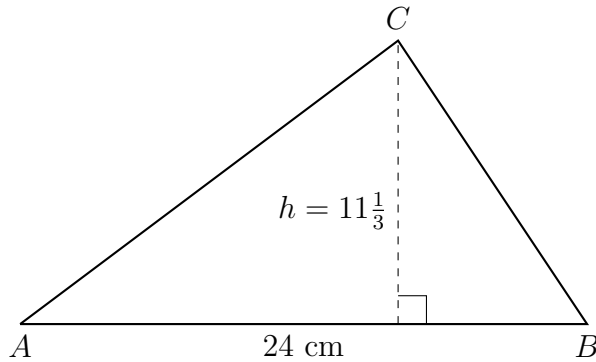


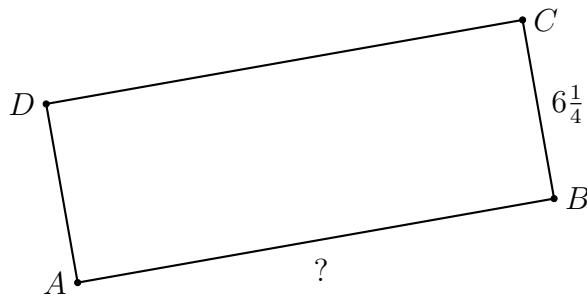
Name:

2-8HW-Parameter-solving

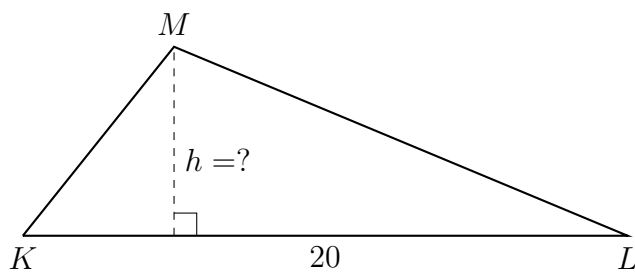
1. Find the area of $\triangle ABC$. The altitude h of the triangle is $11\frac{1}{3}$ centimeters and the base $AB = 24$ cm.



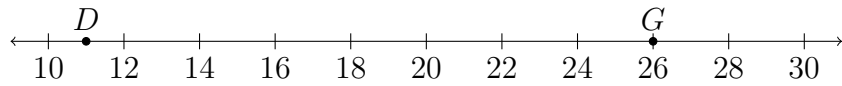
2. Given the rectangle $ABCD$ shown below, with $BC = 6\frac{1}{4}$. If the area of the rectangle is 100, find AB .



3. Given that the area of $\triangle KLM$ is $81\frac{1}{4}$ and the base $KL = 20$. Find the altitude h of the triangle.



4. Given \overleftrightarrow{DG} as shown on the number line, with $D = 11$ and $G = 26$.



Points E and F trisect \overline{DG} . Find the values of E and F and mark and label them on the number line \overleftrightarrow{DG} .

5. Given \overline{PQR} , with $PQ = \frac{1}{2}x + 4$, $QR = x + 3$, and $PR = 2x + 5$. Find PR .
Complete all the steps for full credit.