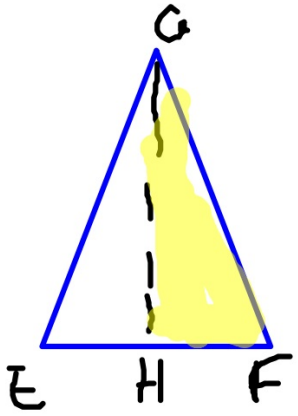
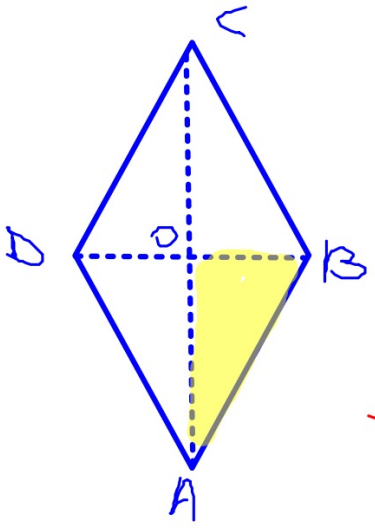


$HF = EF : 2 = 24 : 2 = 12$



$$\overline{OB} = \overline{BD} : 2$$

$$\overline{OA} = \overline{AC} : 2$$

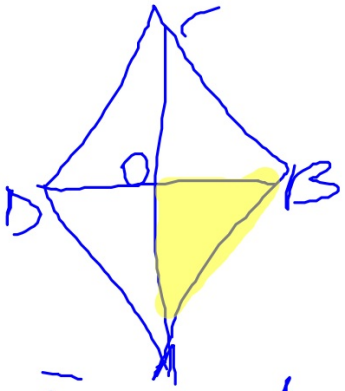
$$\overline{AB} = \sqrt{\overline{AO}^2 + \overline{BO}^2}$$

$$\overline{AO} = \sqrt{\overline{AB}^2 - \overline{BO}^2}$$

$$\overline{AC} = \overline{AO} \cdot 2$$

$$\overline{BO} = \sqrt{\overline{AB}^2 - \overline{AO}^2}$$

$$\overline{BD} = \overline{BO} \cdot 2$$



D

$\overline{AC}+\overline{BD}=46$ cm | 2p

$\overline{AC}-\overline{BD}=14$ cm | 1

$\overline{AC}=\frac{D+d}{2}=\frac{46+14}{2}=\frac{60}{2}=30$ cm

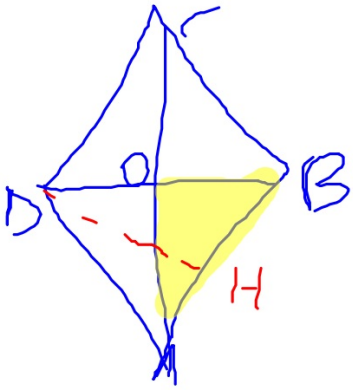
$\overline{BD}=\frac{D-d}{2}=\frac{46-14}{2}=\frac{32}{2}=16$ cm

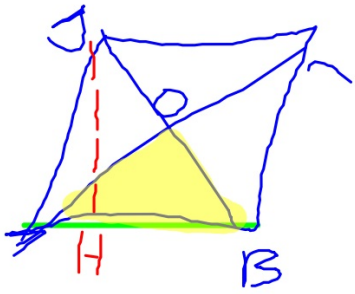
$\overline{AO}=\overline{AC}:2=30:2=15$ cm

$\overline{OB}=\overline{BD}:2=16:2=8$ cm

$\overline{AB}=\sqrt{AO^2+BO^2}=\sqrt{15^2+8^2}=\sqrt{225+64}=\sqrt{289}=17$ cm

$2p=\overline{AB}\cdot 4=17\cdot 4=68$ cm





$$A = \frac{AC \cdot BD}{2} = \frac{30 \cdot \overset{8}{\cancel{16}}}{\underset{1}{\cancel{2}}} = 240\ cm^2$$

$$DH = A : AB = \frac{240}{17} = 1{,}4\ cm$$