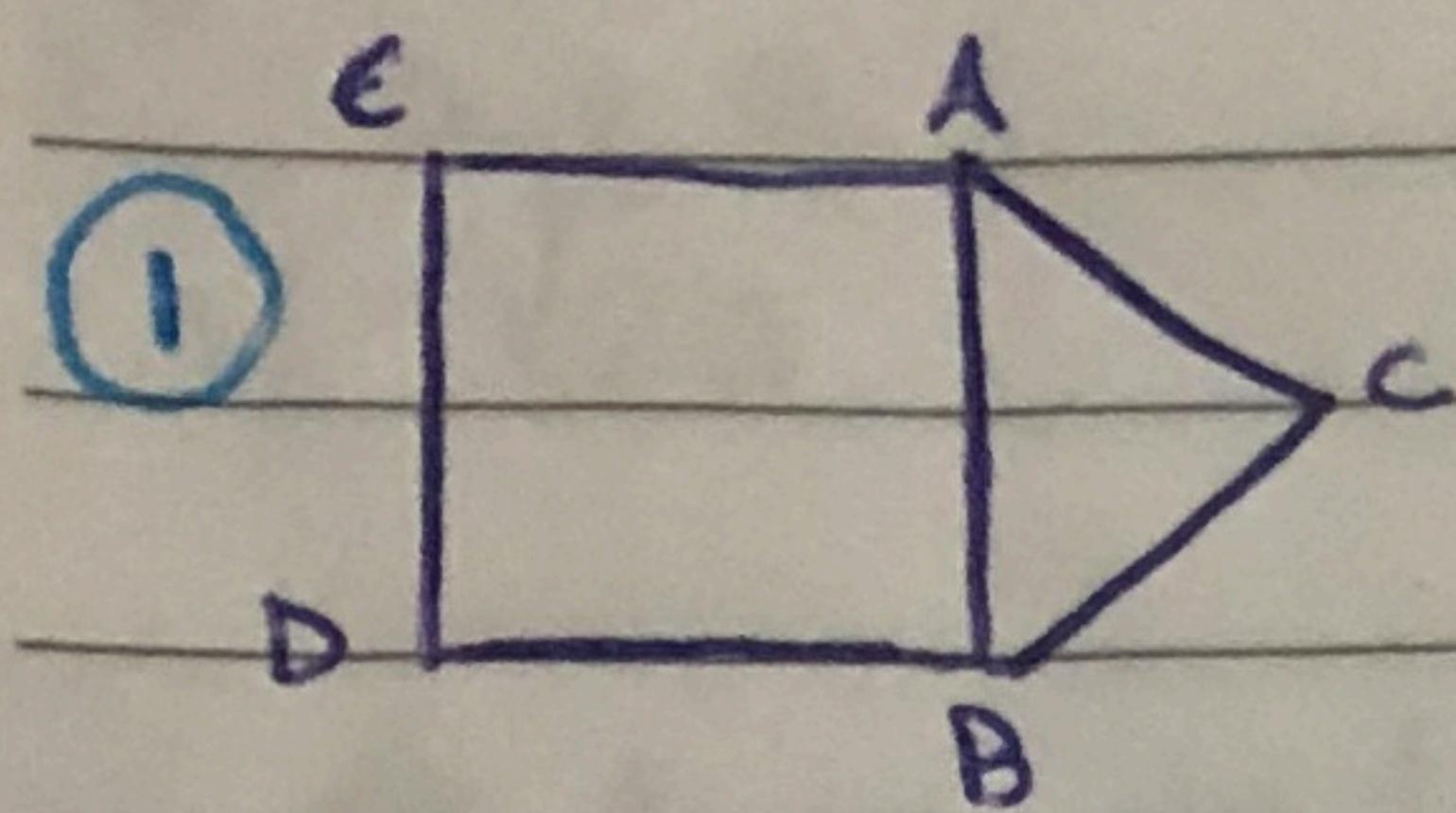


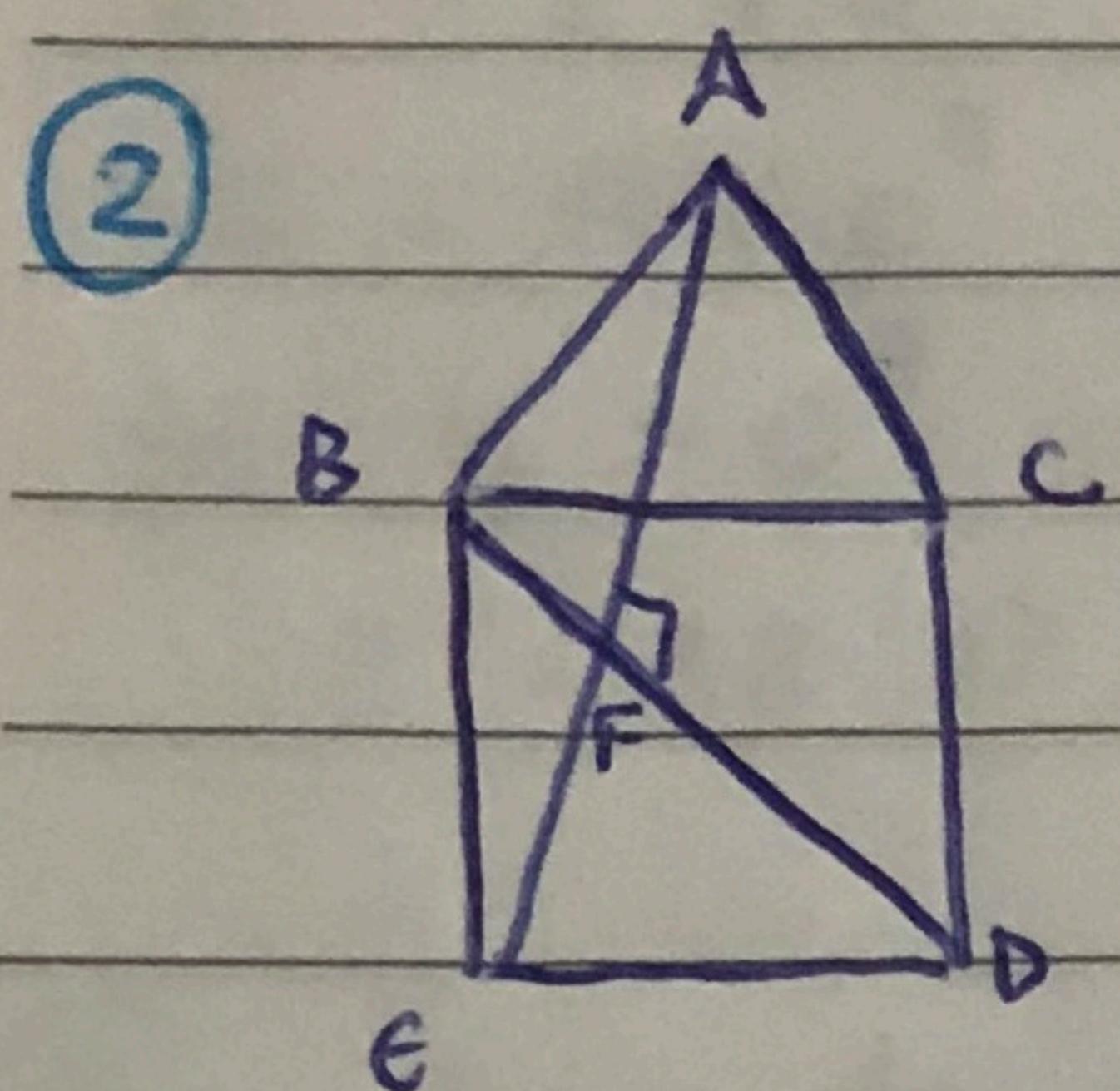
"Lista 21 - Quadriláteros
Notáveis"



$$\begin{aligned}x + x + 60 + 90 &= 180 \\2x &= 180 - 150 \\x &= 30/2 \\x &= 15,\end{aligned}$$

$$\begin{aligned}45 + 15 + y &= 90 \\60 + y &= 90 \\y &= 90 - 60 \\y &= 30,,\end{aligned}$$

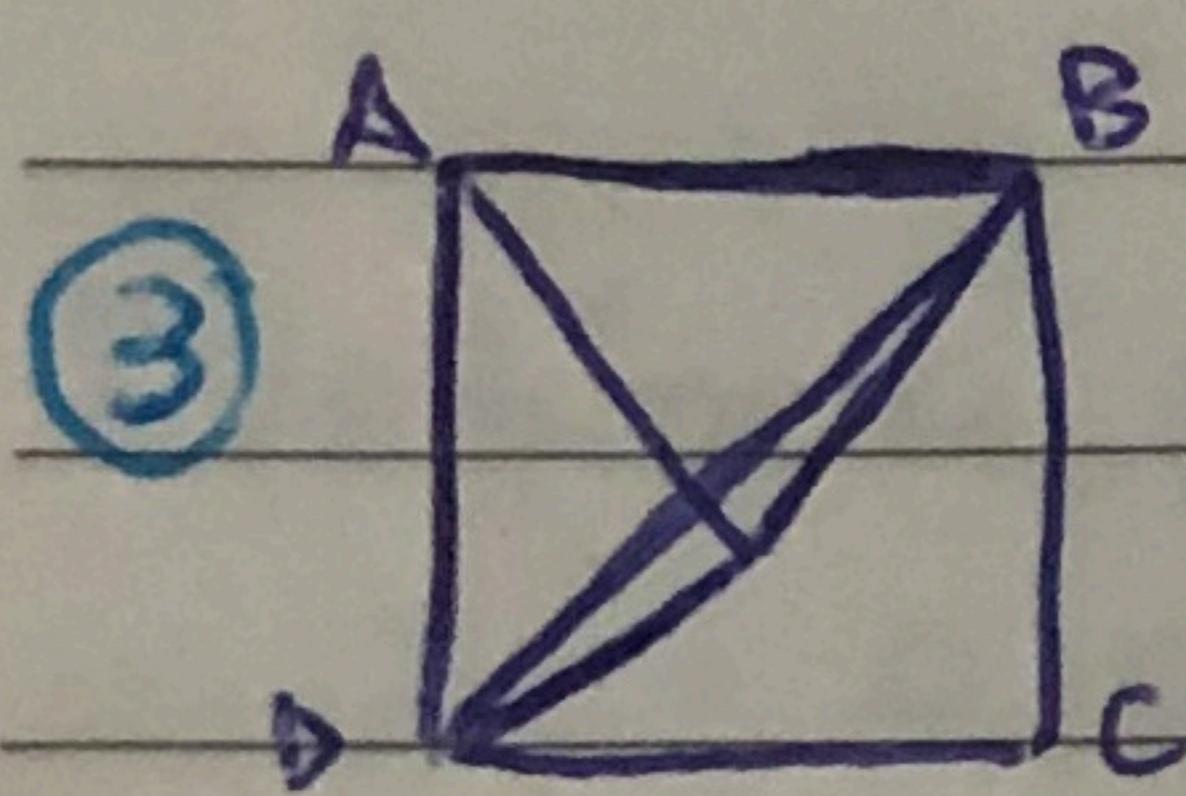
Letra b



$$\begin{aligned}\hat{A} &= 60^\circ & \hat{BAC} = 150 + 2x &= 180 & y = 60 - 15 \\& \hat{C} = 150^\circ & x &= 30/2 & y = 45 \\& \hat{D}/2 = 45^\circ & x &= 15 & \\& \hat{B} = 150^\circ & & &\end{aligned}$$

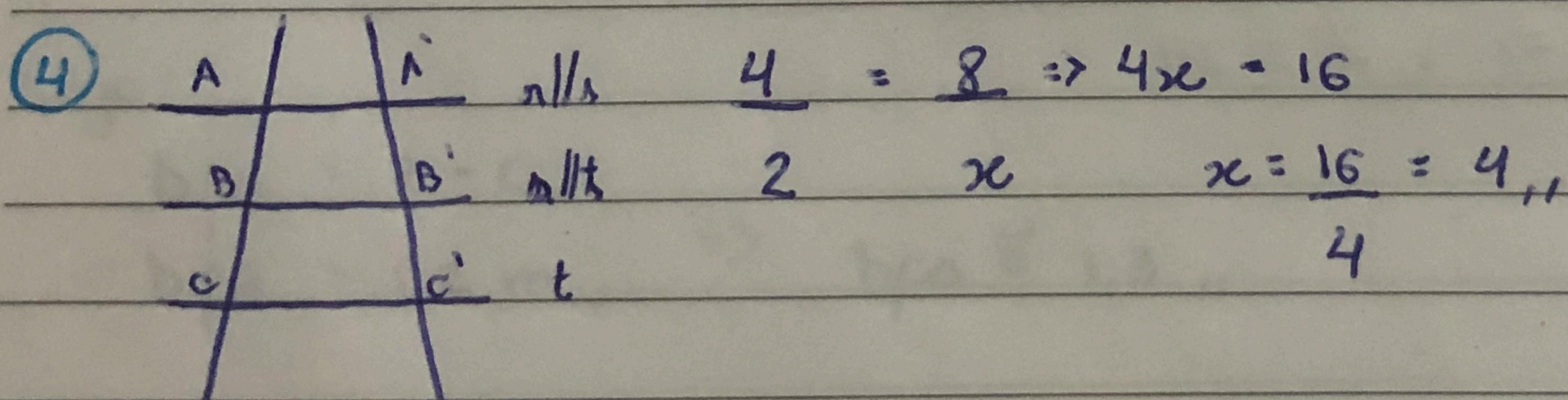
Letra c

$$\begin{aligned}AFDC &= 45 + \theta + 45 + 150 = 360 \\ \theta &= 360 - 240 \\ \theta &= 120^\circ\end{aligned}$$



$$\begin{aligned}30 + 2x &= 180 & x &= y + z \\x &= 150/2 & 75 &= 45 + z \\x &= 75 & 75 - 45 &= 30,,\end{aligned}$$

Letra E



R: Comprimento
é de 4 cm.,

5) R: Letra E. É falsa, pois um losango é um paralelogramo.

$$\begin{array}{r} 250 \\ \times 200 \\ \hline 40+n \quad x \end{array}$$

$$250x = 200 \cdot 40 + x$$

$$250x = 2000 + 200x$$

$$250x - 200x = 8000$$

$$50x = 8000$$

$$x = \frac{8000}{50} = 160,,$$

Letra A