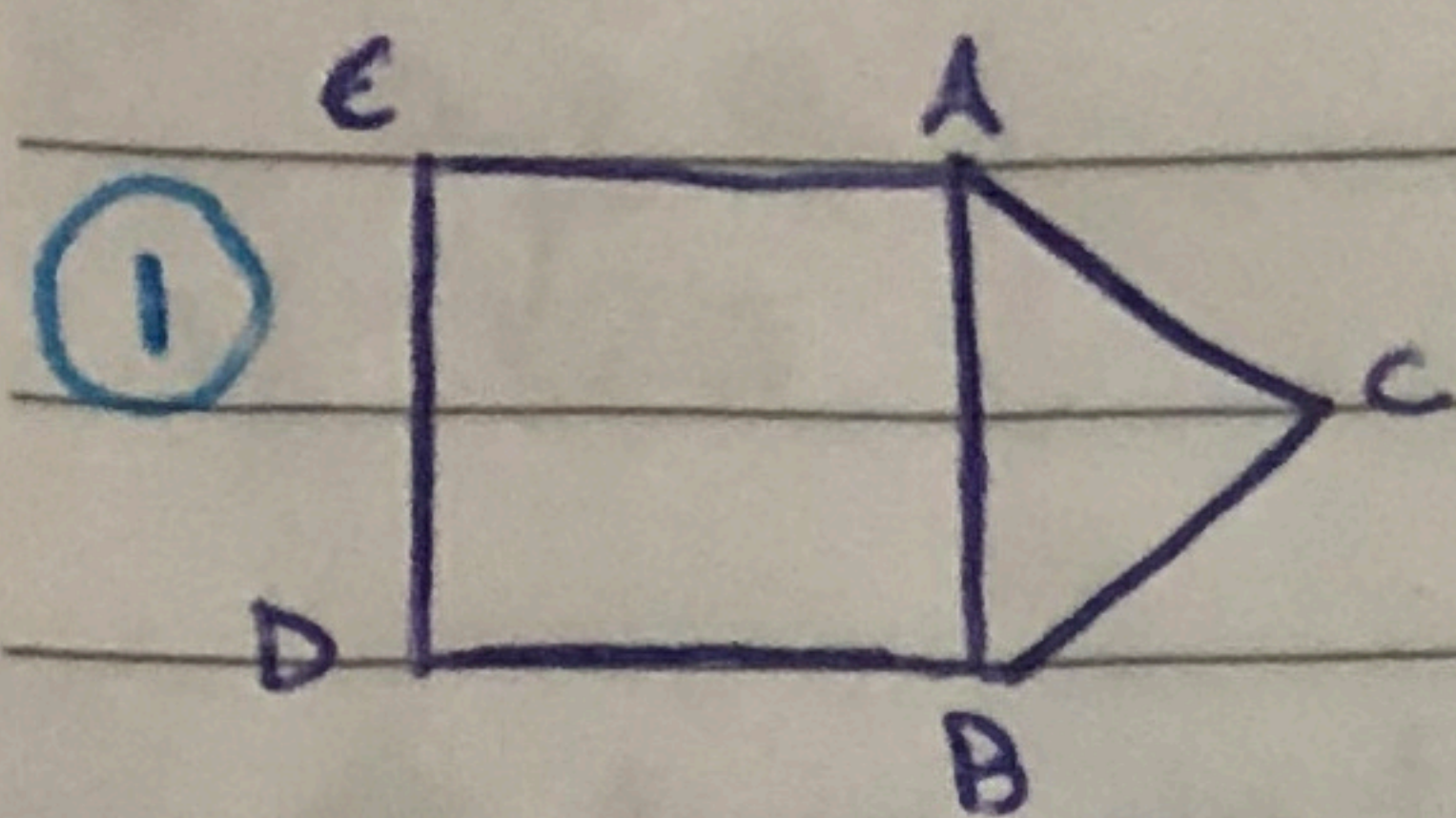


Lista 21 - Quadriláteros Notáveis



$$x + x + 60 + 90 = 180$$

$$2x = 180 - 150$$

$$x = 30/2$$

$$x = 15$$

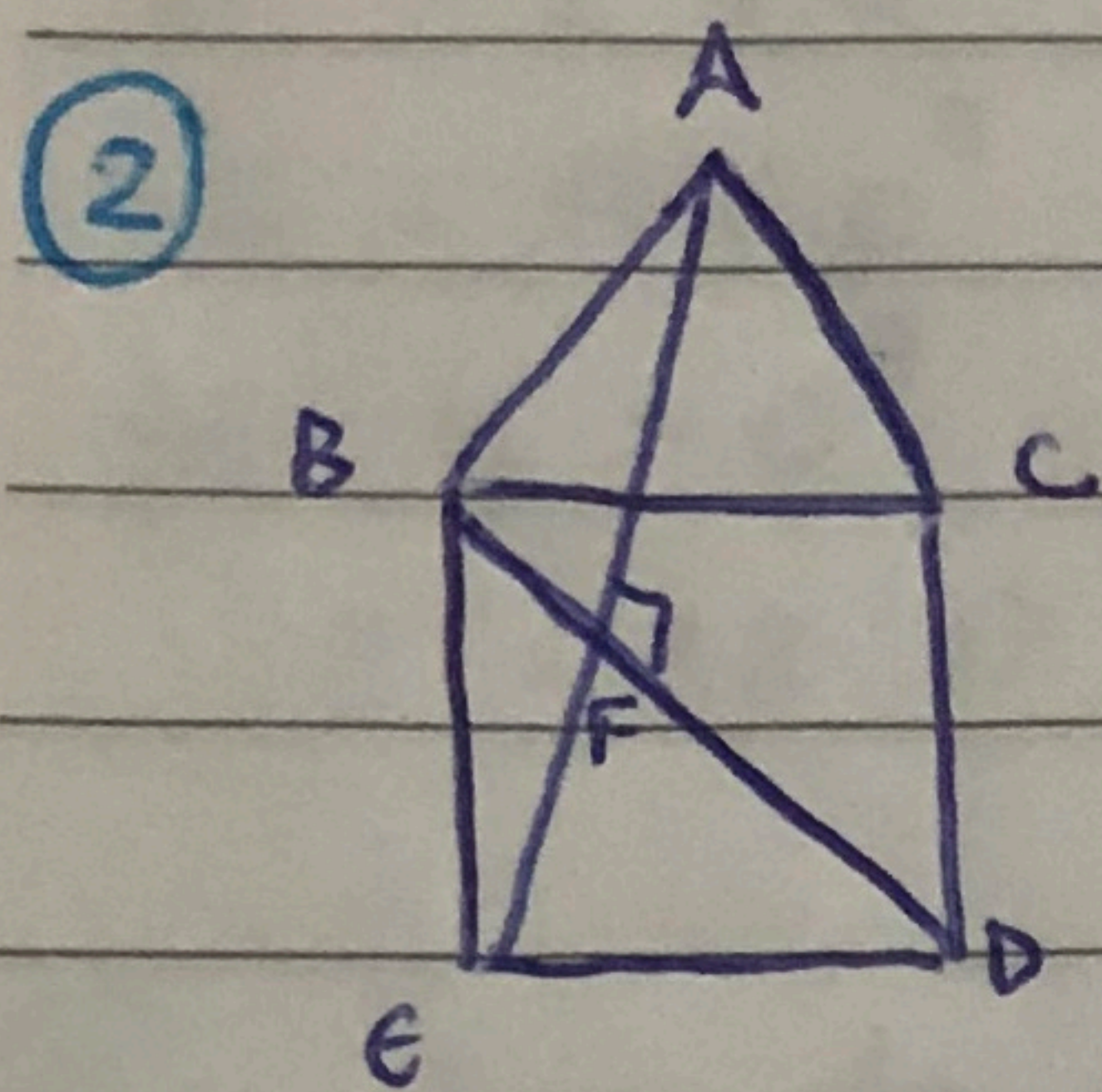
$$45 + 15 + y = 90$$

$$60 + y = 90$$

$$y = 90 - 60$$

$$y = 30$$

Letra D



$$\hat{A} = 60^\circ$$

$$\hat{C} = 150^\circ$$

$$\hat{D}/2 = 45^\circ$$

$$\hat{B} = 150^\circ$$

$$BAE = 150 + 2x = 180$$

$$x = 30/2$$

$$x = 15$$

$$y = 60 - 15$$

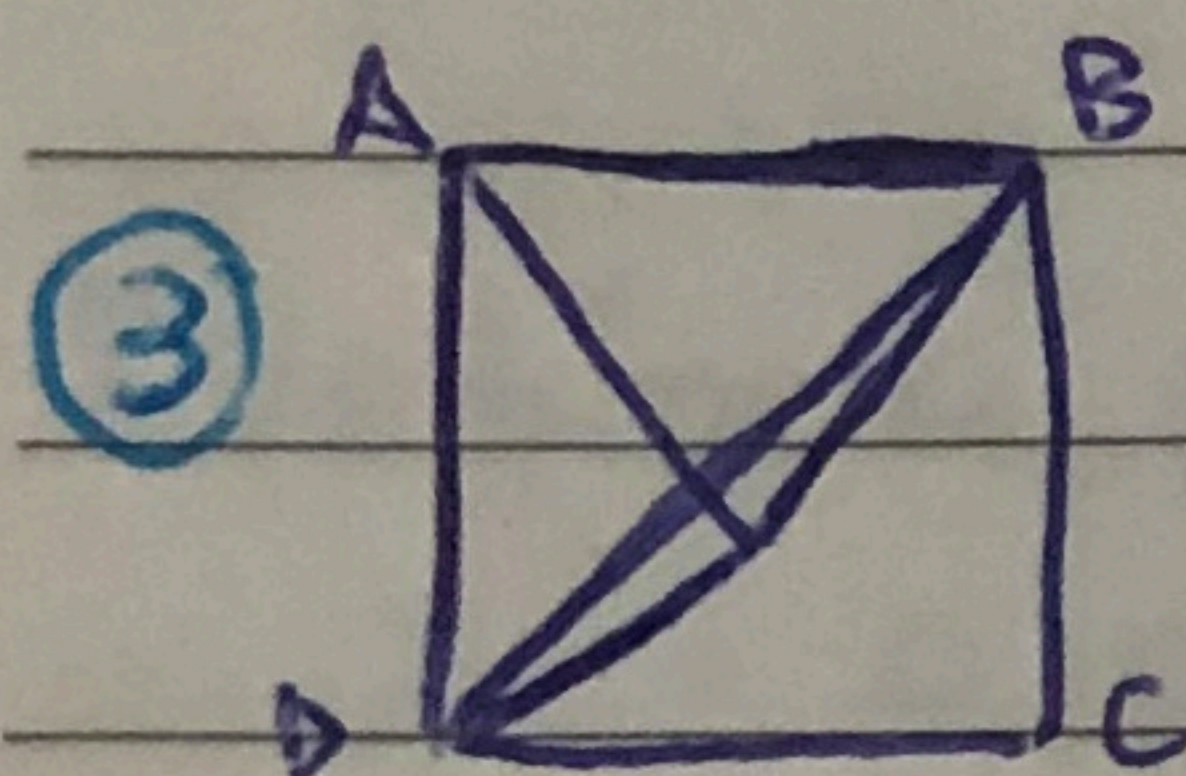
$$y = 45$$

Letra C

$$AFDC = 45 + \theta + 45 + 150 = 360$$

$$\theta = 360 - 240$$

$$\theta = 120^\circ$$



$$30 + 2x = 180$$

$$x = 150/2$$

$$x = 75$$

$$x = y + z$$

$$75 = 45 + z$$

$$75 - 45 = z$$

Letra E

$$\frac{4}{2} = \frac{8}{x} \Rightarrow 4x = 16$$

$$x = \frac{16}{4} = 4$$

R: Comprimento
é de 4 cm

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

$$250 \cdot 200$$

$$40 + x$$

$$x$$

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

$$250x = 8000 + 200x$$

$$250x - 200x = 8000$$

$$50x = 8000$$

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

Letra A