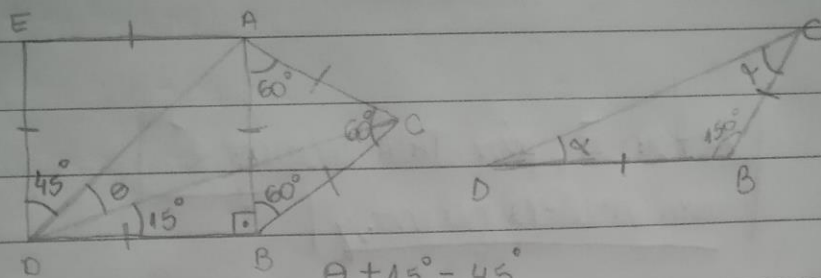


nome: Kemilly Teixeira Cruz CT11-317

# Tarefa Básica - Quadriláteros - Teorema de Tales - Bissetriz e Interna

01.



$$\theta + 15^\circ = 45^\circ$$

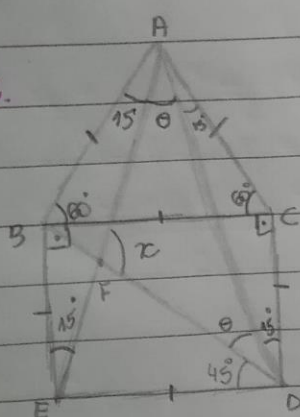
$$\theta = 30^\circ \text{ Letra D!}$$

$$2\alpha + 150^\circ = 180^\circ$$

$$2\alpha = 30^\circ$$

$$\alpha = 15^\circ$$

02.



$$\theta + 30^\circ = 60^\circ$$

$$\theta = 30^\circ$$

$$x + 30^\circ + 30^\circ = 180^\circ$$

$$x + 60^\circ = 180^\circ$$

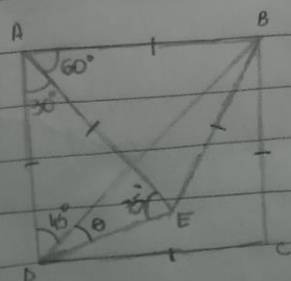
$$x = 120^\circ \text{ Letra C!}$$

$$2\alpha + 150^\circ = 180^\circ$$

$$2\alpha = 30^\circ$$

$$\alpha = 15^\circ$$

03.



$$45^\circ + \theta = 75^\circ$$

$$\theta = 30^\circ \text{ Letra E!}$$

$$2\alpha + 30^\circ = 180^\circ$$

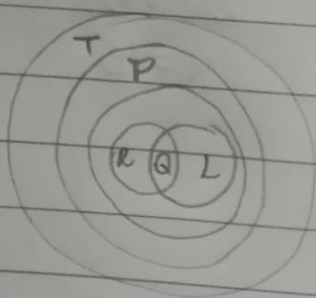
$$2\alpha = 150^\circ$$

$$\alpha = 75^\circ$$

04. A

		A'	
4		8	$\frac{4}{2} = \frac{8}{x}$
B		B'	$4x = 16$
C	2	C'	$x = 4 \text{ cm}$

05.



Letra E, pois todo losango é um paralelogramo.

06.

250		200	$\frac{250}{x+40} = \frac{200}{x}$
$x+40$		$x$	$250x = 200x + 8000$
			$50x = 8000$
			$x = 160 \text{ Letra A}$