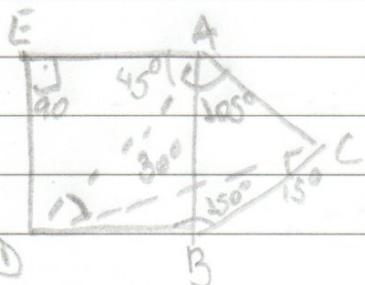


Tarefa Básica - Quadriláteros notáveis

Pedro Henrique - CTII 348

1)



$$\angle CBA < 45^\circ$$

(D)

$$90 - 45 - 15 = 30^\circ$$

(E)

2)

$$\angle AFD = 180 - 60 = 120^\circ$$

(C)

$$\angle EAD = 90 - 60 = 30^\circ$$

$$\angle ADE = (180 - 30)/2 = 75^\circ$$

$$\angle DEC = 360 - 210 = 150^\circ$$

$$\angle CDE = 30/2 = 15^\circ$$

$$15 + 45 + x = 90$$

$$x = 30^\circ$$

(E)

4)

$$\frac{AB}{BC} = \frac{A'B'}{B'C'}$$

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

$$4x = 16$$
$$x = 4$$

(4cm)

5)

E)

O paralelogramo possui lados paralelos. O losango possui os 4 lados congruentes, tendo em vista o paralelismo dos mesmos.

6)

$$\frac{250}{x} = \frac{200}{x-40}$$

$$250x - 1000 = 200x$$

$$50x = 10000$$

$$x = 200$$

$$200 - 40 = 160$$

(A)