

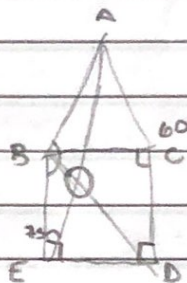
Tarefa básica

1. $\angle ABC = 90$ $\angle ADE = 150$ $\angle BCE = 150$ $\angle CDE = 15^\circ$

$$\underline{DBE = ABC - CBE - ABD}$$

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

2. $30 + 45 = 75 + 45 = 120$



3. $\angle ADE = 30^\circ$ in Δ

$$180 = 30 + 2 \cdot x = 75$$

$$\underline{AED = DE}$$

$\triangle BE = \text{equilateral}$

$\angle DB = 43^\circ$ en B

$$Ae = AD$$

$$ADE = 75$$

ADE = isocler

$$\angle BDE = 75 - 45 = 30^\circ$$

4. $AB = 4$ $BC = 2$ $A'B' = 8$ $B'C' = x$

~~$$\begin{array}{rcl} 4 & \times & 8 = 4 \times = 16 \\ 8 & \times & x \quad x = 16 / 4 = \end{array}$$~~

5. e) pois um quadrilátero com lados paralelos é um paralelogramo, e também é a definição de um losango.

$$6. \underline{250 = 40 + x}$$

$$250x = 200(40 + x)$$

200 X

$$250x = 8000 + 200x$$

$$250x - 200x = 8000$$

$$50\% = 5000$$

$$X = \frac{8000}{50} = 160 \text{ m.}$$

50