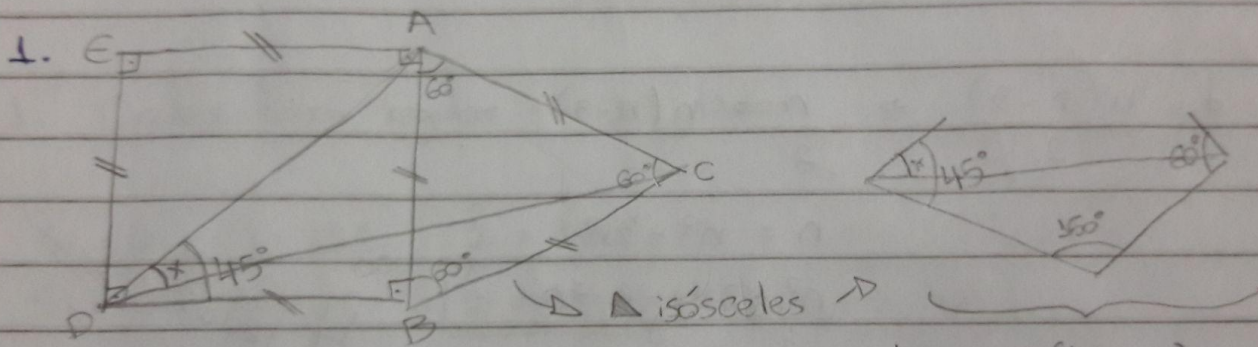


Tarefa Básica - Aula 3



→ \triangle isósceles →

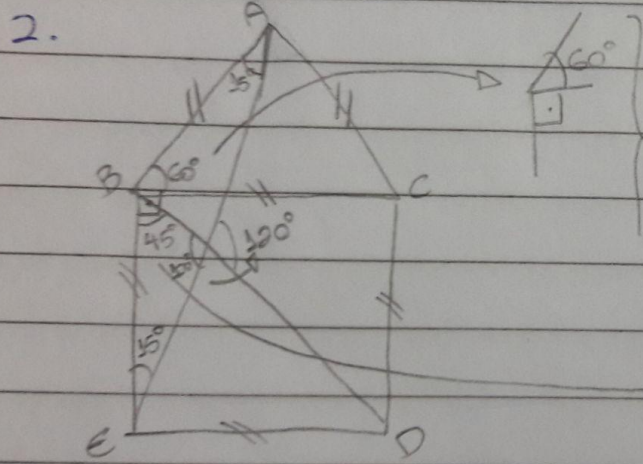
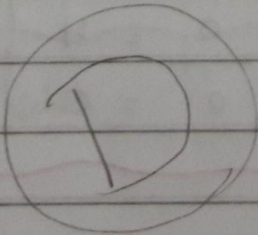
$$150 + 2(45 - x) = 180$$

$$150 + 90 - 2x = 180$$

$$-2x = 180 - 240$$

$$x = 60 / 2$$

$$\boxed{x = 30^\circ}$$



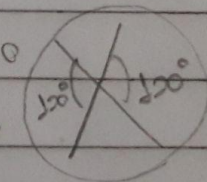
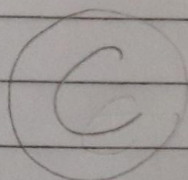
$$150 + 2x = 180$$

$$2x = 30$$

$$x = 15$$

$$45 + 15 + y = 180$$

$$\boxed{y = 120^\circ}$$

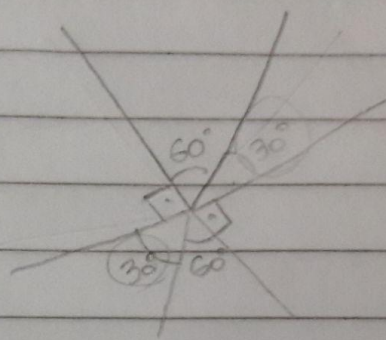
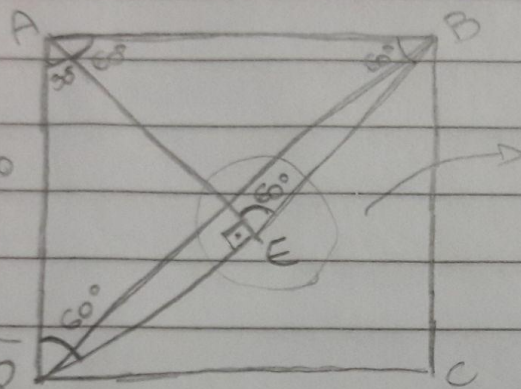


3.

$$90 + 30 + x = 360$$

$$x = 360 - 320$$

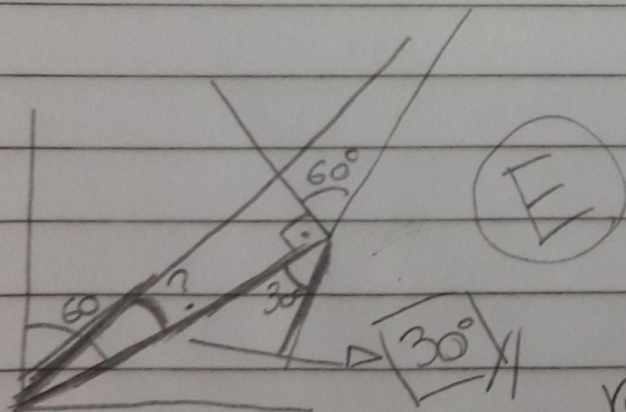
$$x = 60^\circ$$



$$2x + 320 + 380 = 360$$

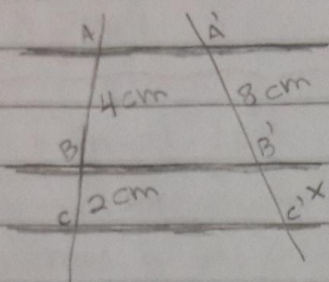
$$2x = 360 - 300$$

$$x = 60/2 = 30^\circ$$



regra do Z

4.



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

$$4x = 16$$

$$x = 16/4$$

$$x = 4 \text{ cm}$$

5.

A) Verdadeiro → Assim como o losango, todo quadrado possui 4 lados congruentes.

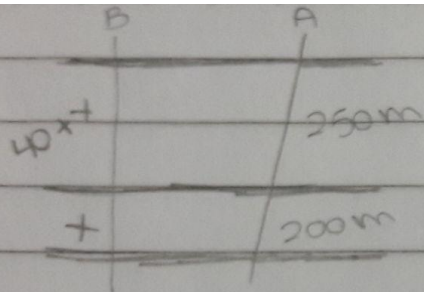
B) Verdadeiro → Nem Todo retângulo Tem os 4 lados congruentes.

C) Verdadeiro → Todo paralelogramo é quadrilátero e possui lados opostos paralelos.

D) Verdadeiro → Assim como o retângulo, Todo quadrado possui 4 ângulos retos.

E) Falso → Todo losango possui lados opostos paralelos.

6.



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

$$250x = 8000 + 200x$$

$$250x - 200x = 8000$$

$$50x = 8000$$

$$x = \frac{8000}{50} = \boxed{160 \text{ m}}$$

A