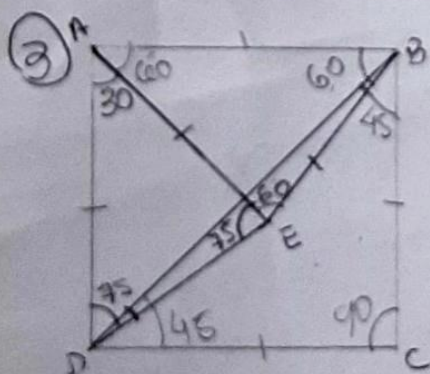
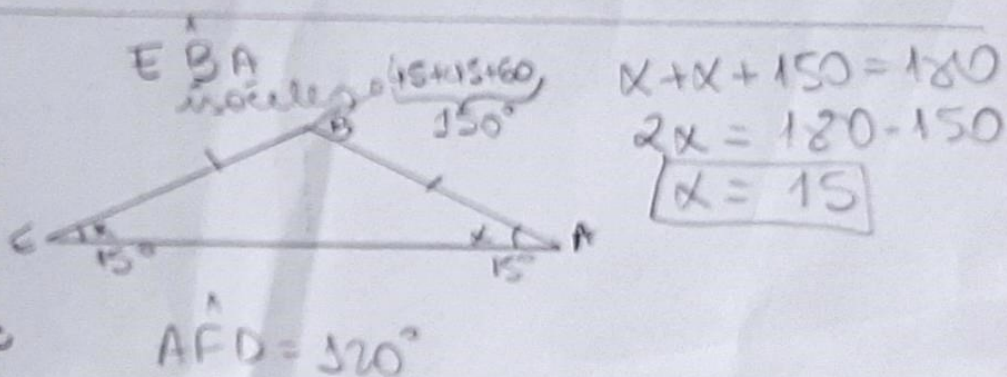
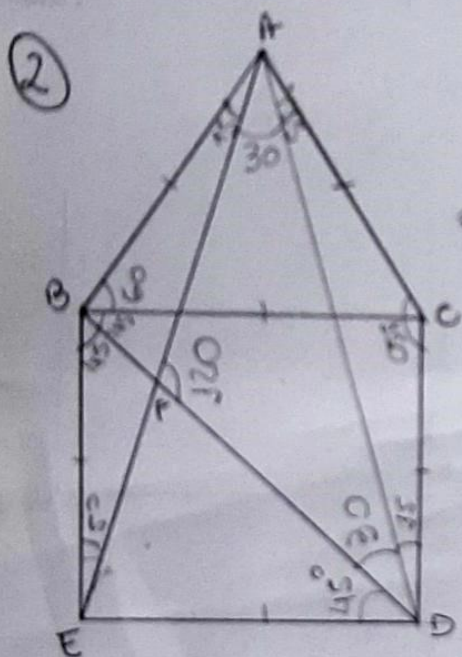
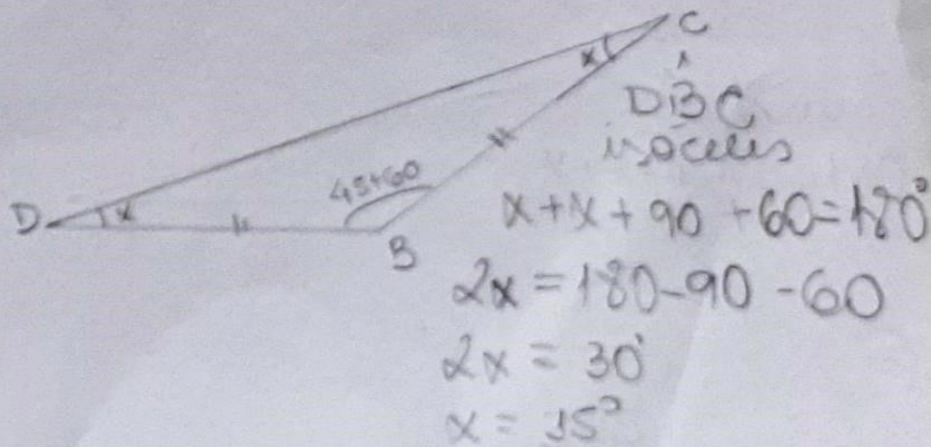
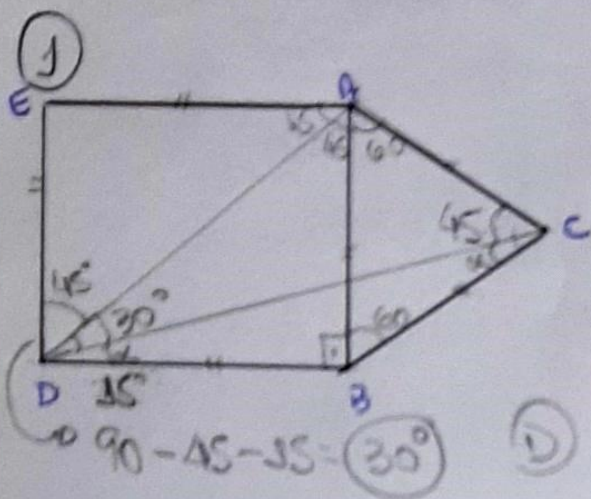
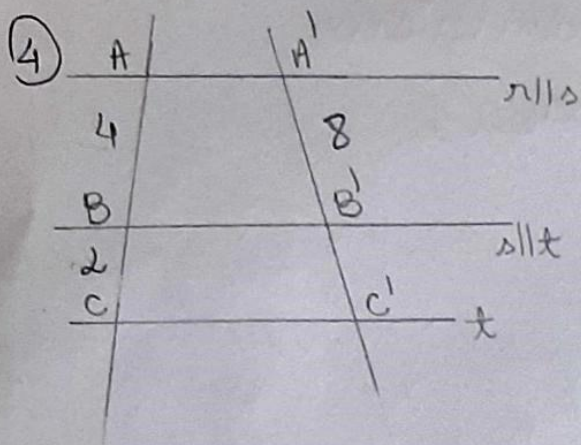


Tarefa básica 4 → Quadriláteros
Erica Alves Ribeiro C133004643



$AB = AE = EB$
 $\angle AEB = 30^\circ$
 $\angle ADE = \angle AED = 75^\circ$ pois $AE = AD$ não congruentes!
 $\angle BCD = 90^\circ \Rightarrow BC = DC$, logo,
 $\angle CBD = \angle CDB = 45^\circ$
 $\angle BEC = 135^\circ$
 $\angle BDE = 180 - 135 - 15 = 30^\circ$ (E)



$$AB/BC = A'B'/B'C'$$

$$AB = 4$$

$$BC = 2$$

$$A'B' = 8$$

$$B'C' = r = 4 \text{ cm}$$

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

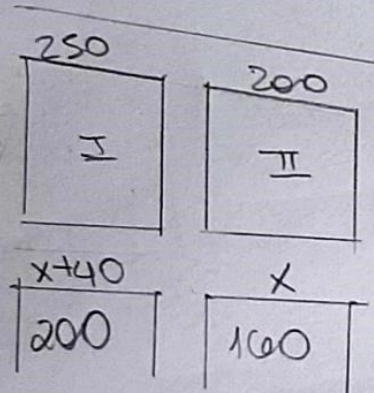
$$r = \frac{16}{4}$$

$$r = 4$$

⑤ Resp E

Toda losango é um paralelogramo pois é um quadrilátero com lados paralelos.

⑥



$$\frac{r}{r+40} = \frac{250}{200} \Rightarrow 250r = 200(r+40)$$

$$250r = 200r + 8000$$

$$250r - 200r = 8000$$

$$50r = 8000$$

$$r = \frac{8000}{50}$$

$$r = 160 \text{ m}$$

A