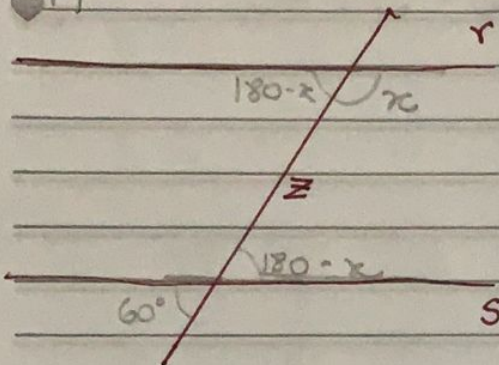


TAREFA: GEOMETRIA PLANA

1)



$60^\circ \rightarrow$ congruente de $180^\circ - x$

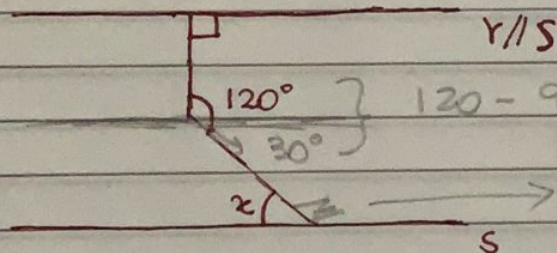
$$180 - x = 60$$

$$180 = 60 + x$$

$$120 = x$$

R: C

2)



$r \parallel s$

120°

$$120 - 90 = 30$$

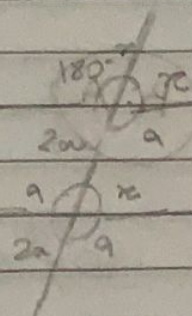
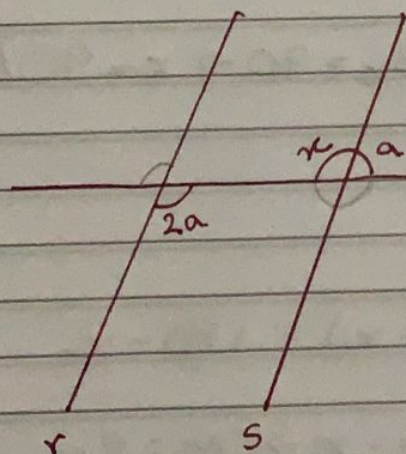
$$x = 30^\circ$$

R: B

regra do Z

R: B

3)



$$180 - x = a$$

$$2a = x$$

$$180 - x = a$$

$$180 - 2a = a$$

$$180 = 2a + a$$

$$180 = 3a$$

$$180 = a$$

$$3$$

$$60^\circ = a$$

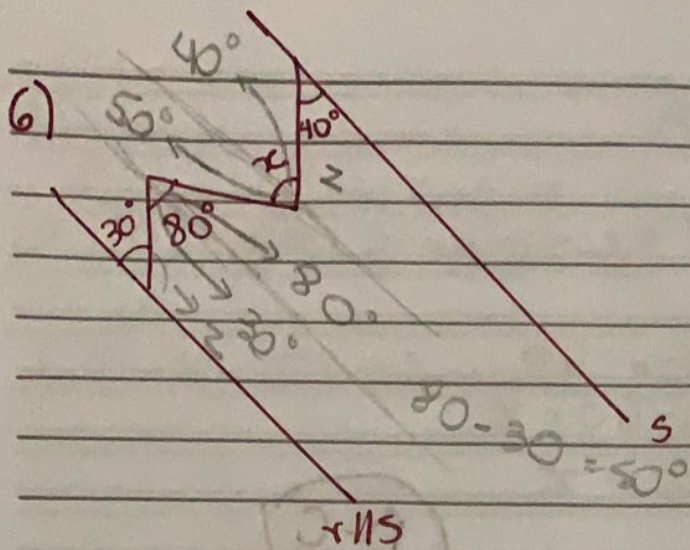
$$2a = x$$

$$2 \cdot 60 = x$$

$$120^\circ$$

R: D

tilibra



5) $x = 5/4 \cdot 180 - x$

$x = 900 - 5x/4$

$4x = 900 - 5x$

$4x + 5x = 900$

$9x = 900$

$x = 900/9$

$x = 100^\circ$

R: A

6) $x = 90 - x/2 \rightarrow 2x = 90 - x \rightarrow 3x = 90 \rightarrow x = 90/3$

$x = 30^\circ$

R: A

7) $3 \cdot 90 - x = 180 - x/3 \rightarrow 9 \cdot (90 - x) = 180 - x$

$810 - 9x = 180 - x \rightarrow 810 - 180 = 9x - x \rightarrow 630 = 8x$

$630/8 = 78^\circ 45'$

R: E