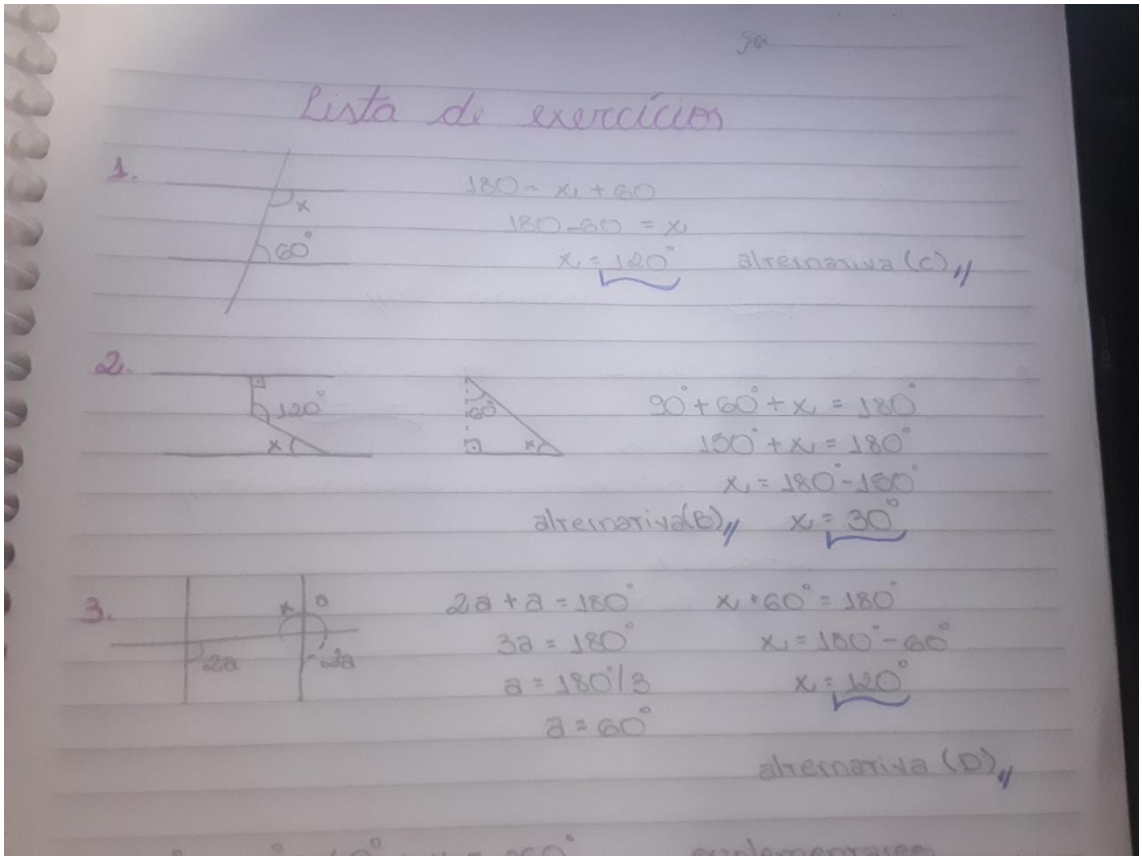
A



Lista de exercícios

1.

$180 - x_1 + 60$

$180 - 60 = x_1$

$x_1 = 120^\circ$ alternativa (C)//

2.

$90^\circ + 60^\circ + x_1 = 180^\circ$

$150^\circ + x_1 = 180^\circ$

$x_1 = 180^\circ - 150^\circ$

alternativa (B)// $x_1 = 30^\circ$

3.

$2a + a = 180^\circ$

$3a = 180^\circ$

$a = 180/3$

$a = 60^\circ$

$x_1 + 60^\circ = 180^\circ$

$x_1 = 180^\circ - 60^\circ$

$x_1 = 120^\circ$

alternativa (D)//

$a = 60^\circ$

alternativa (D)//

4. $150^\circ + 80^\circ + 40^\circ + y = 360^\circ$

$270^\circ + y = 360^\circ$

$y = 360^\circ - 270^\circ$

$y = 90^\circ$

suplementares

$x_1 + 90^\circ = 180^\circ$

$x_1 = 180^\circ - 90^\circ$

$x_1 = 90^\circ$

5. $\alpha = 5/4 \cdot (180^\circ - \alpha)$

$\alpha = 900 - 5\alpha/4$

$4\alpha = 900 - 5\alpha$

$5\alpha + 4\alpha = 900$

$9\alpha = 900$

$\alpha = 900/9 \rightarrow 100^\circ$

alternativa (A)//

Femmina

spirali

6. $x = 90^\circ - x/2$

$2x = 90^\circ - x$

$2x + x = 90^\circ$

$3x = 90^\circ$

$x = 90^\circ / 3$

$x = 30^\circ$ alternativa (A)//

7. $3.(90 - x) = 180 - x / 3$

$9(90 - x) = 180 - x$

$810 - 9x = 180 - x$

$810 - 180 = -x + 9x$

$630 = 8x$

$x = 630/8$

$x = 78,75$

$78^\circ (0,75 \cdot 60)$

$78^\circ 45'$

alternativa (E)//