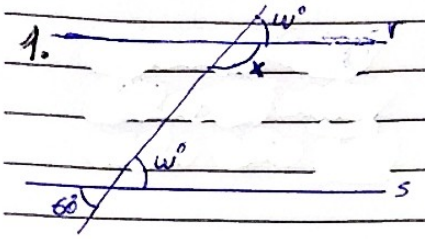
data
fecha

Atividade Básica

1. 

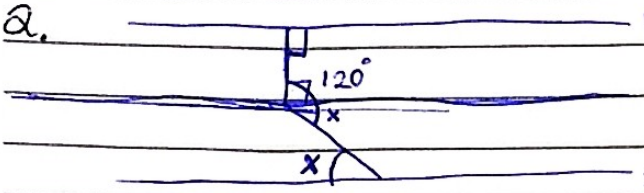
(C)

$60° = w°$

$w° + x = 180°$

$60° + x = 180°$

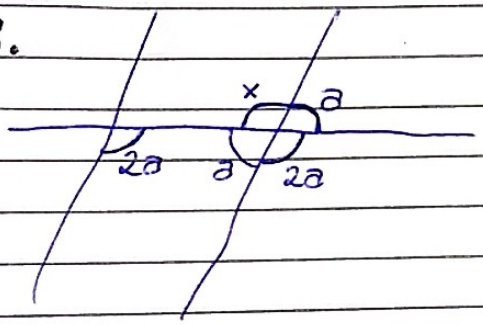
$x = 120°$ //

2. 

$120° = x + 90°$

$x = 30°$ //

(B)

3. 

$2a = x$

$x = 120°$ //

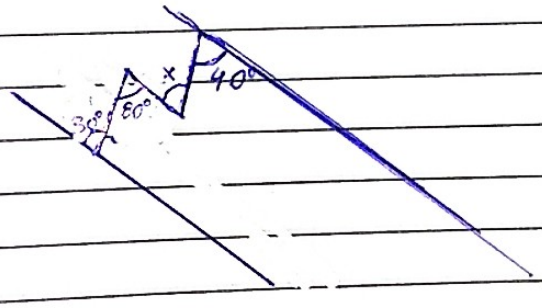
$x + a + a + 2a = 360$

$x + 4a = 360°$

$2a + 4a = 360°$

$a = 60°$

(D)

4. 

$x = 90°$

5. $x + \frac{5}{4}x = 180°$

$x° + y° = 180°$

$y = \frac{5}{4}x$

$\frac{9}{4}x = 180° \Rightarrow x = \frac{180°}{\frac{9}{4}} \Rightarrow x = \frac{\overset{20}{\cancel{180}} \cdot 4}{\cancel{9}} = 80°$

(D)

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D S T Q Q S S
D L M M J V S

6. $x + \frac{x}{2} = 90°$

$\frac{3}{2}x = 90°$

$x = 60°$ //

(B)

7. ~~$x + 3x = 90°$~~

~~$x + \frac{1}{3}x = 180°$~~

$3(90° - x) = \frac{180° - x}{3}$

$270° - 3x = \frac{180° - x}{3}$

$810° - 9x = 180° - x$

$8x = 630°$

$x = 78°45'$

(E)