DOM SEG TER QUA QUI SEX SÁB
DOM LUN MAR MIÉ JUE VIE SÁB

1.

$60° + x = 180°$

$x = 180 - 60$

$x = 120°$ → Alternativa C

2.

$y + 120 = 180$

$y = 180 - 120 = 60°$

Soma dos Â. internos: $60 + 90 + x = 180$

$x = 180 - 150 = 30°$

Alternativa B.

3. $x = 2a$

$2a + a = 180°$

$3a = 180°$

$a = \frac{180}{3} = 60°$

$x = 2a$

$x = 2 \cdot 60 = 120°$

Alternativa D

4. Os angulos internos de 1 quadrilátero somam 360°

$80 + 150 + y + 40 = 360°$

$y = 90°$

$x + y = 180$

$x + 90 = 180$

$x = 90°$

5. $\hat{A} = x$

Suplemento $= 180° - x$

$x = \frac{5}{4} \cdot (180 - x)$

$x = \frac{900 - 5x}{4}$

$4x + 5x = 900$

$x = \frac{900}{9} = 100°$

Alternativa A

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6- $\hat{A} = x$

Complemento: $90° - x$

$$x = \frac{90 - x}{2}$$

$$2x = 90 - x$$

$$2x + x = 90$$

$$x = \frac{90}{3} = 30$$

Alternativa A

7- $\hat{A} = x$

Suplemento: $90 - x$

Complemento: $180 - x$

$$3 \cdot (90 - x) = \frac{180 - x}{3}$$

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

$$810 - 9x = 180 - x$$

$$8x = 630$$

$$x = \frac{630}{8} = 78,75$$

$78° (0,75 \cdot 60)'$

$78°45°$

Alternativa E