S T Q Q S S D

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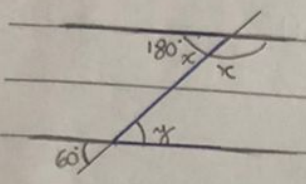
Tarefa Básica

1-



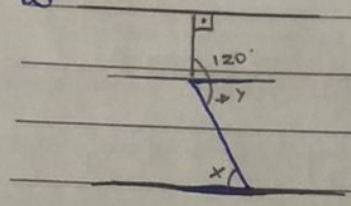
• 180° x e y são congruentes pela regra do "z"
• 60° e y são congruentes

$60° = x + 180°$

$180° - 60° = x$

$x = 120°$ | C |

2-



R // S

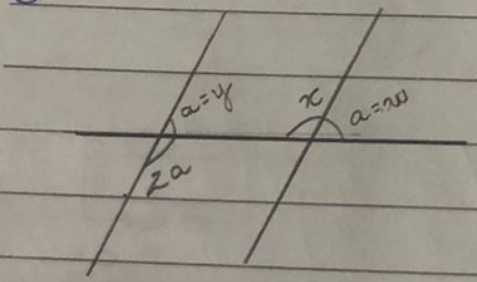
$Y = 120° - 90°$

$y = 30°$

Y e X são congruentes pela regra do "z" então $x = 30°$

B

3-



• Y e W são congruentes

$a = Y$

$a = W$

$W = Y$

$2a + a = 180°$

$3a = 180°$

$a = \frac{180°}{3} = 60°$

$x + a = 180°$

$x + 60° = 180°$

$x = 60° - 180° = 120°$

D

S T Q Q S S D

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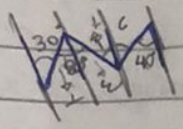
4-



$W = 80° - Y$
$W = 80° - 30°$
$W = 50°$

$X = V + U$
$X = 50° + 40°$
$X = 90°$

U e 40° são congruentes pela regra do "z"

Y e 30° são congruentes pela regra do "z"

V e W são congruentes pela regra do "z" então $v = 50°$

5- suplemento é $(180° - x)$

$$\frac{(180° - x)\ 5}{4} = x$$

$5.(180° - x) = 4x$
$900° - 5x = 4x$
$900° = 4x + 5x$
$900° = 9x$
$x = \frac{900}{9}$

$x = 100°$

A

S T Q Q S S D

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6- complemento = 90 - x

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

$2x = 90° - x$

$3x = 90°$

$x = \frac{90°}{3}$

$x = 30°$

A

7- complemento = 90° x ; suplemento = 180° - x

$3.(90° - x) = \frac{1}{3}(180° - x)$

$1.(180° - x) = 3.3(90° - x)$

$180° - x = 9.(90° - x)$

$180° - x = 810° - 9x$

$810° - 180° = 9x - x$

$630° = 8x$

$x = \frac{630}{8}$

$x = 78° 45'$

630 | 8
56 78°
70
64
6° x60' → 360 | 8
32 45'
40
0