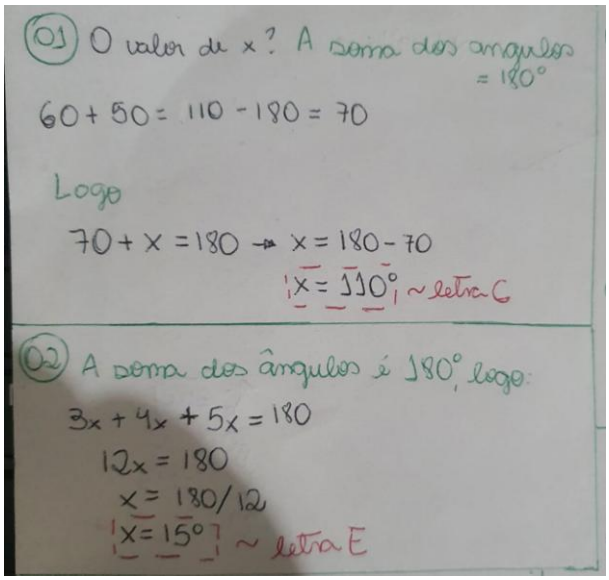
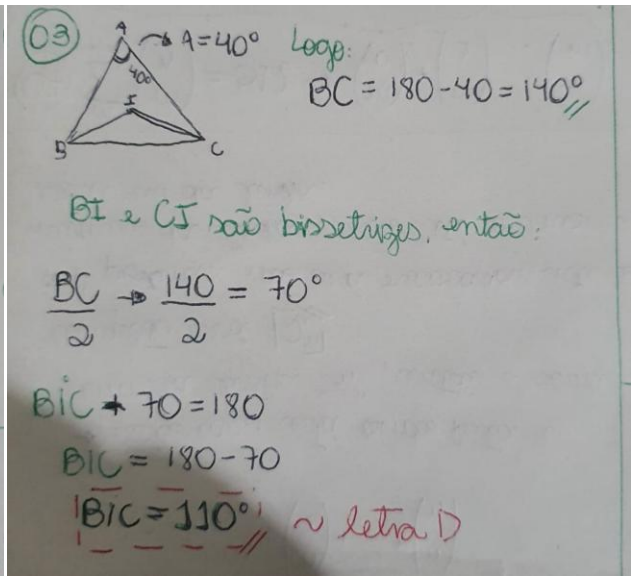
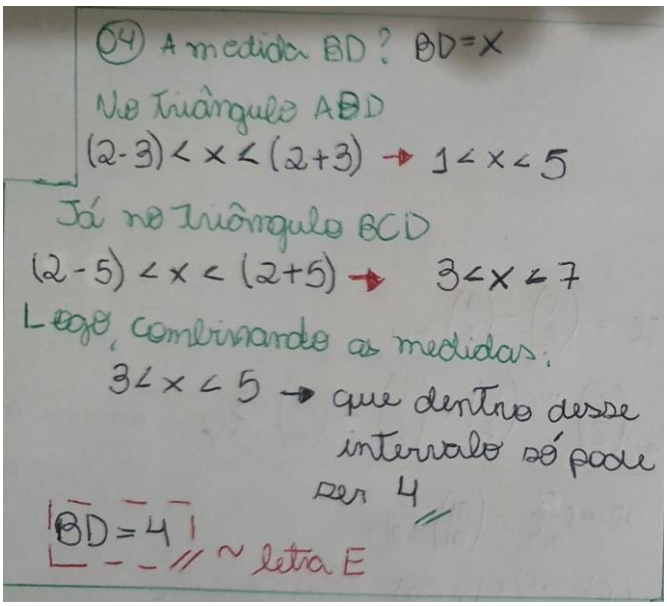
Nome: Paola Martins da Silva_____ - **CTII 317** – **DATA:** 23/09/21

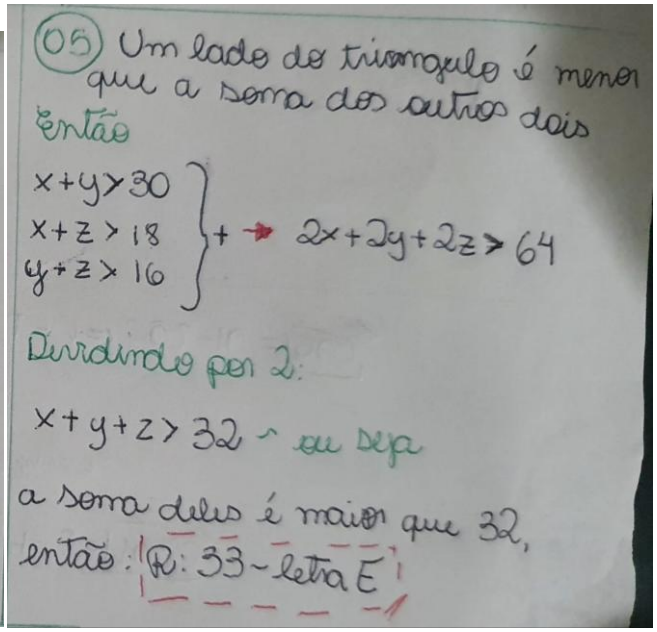
TAREFA BÁSICA 18

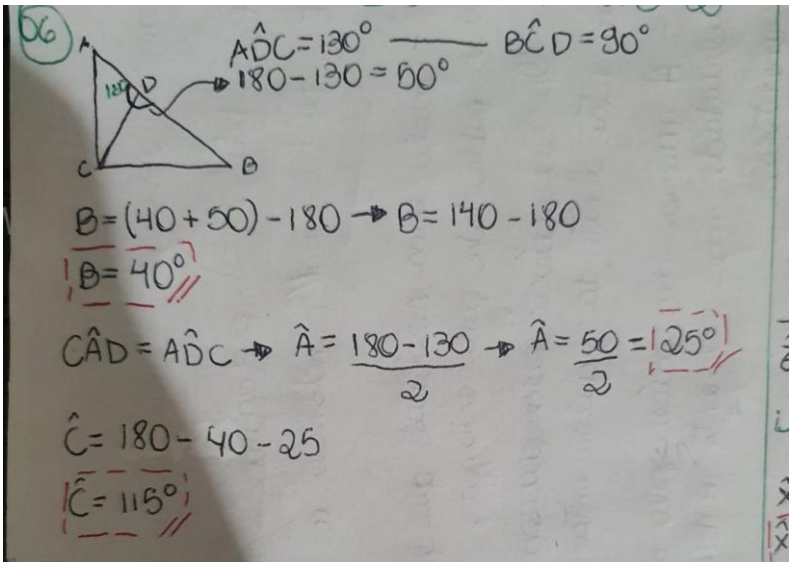
Triângulos











07 $Y = 20° - Y\hat{K}Z = 105°$

$Y\hat{Z}K = 180 - (105+20) \rightarrow Y\hat{Z}K = 180 - 125$

$Y\hat{Z}K = 55°$

Descobrir $X\hat{K}Z$:

$X\hat{K}Z = 180° - 105° \rightarrow X\hat{K}Z = 75°$

$\hat{Z} = 55 + 75 \Rightarrow \hat{Z} = 130°$

Logo, X é:

$\hat{X} = 180 - (130+20) \rightarrow \hat{X} = 180 - 150$

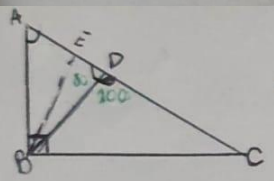
$\hat{X} = 30°$

08 $x + x = 20°10$

$2x = 20°10$

$x = \frac{20°10}{2} \rightarrow x = 10°05$ ~ letra B

09



$D\hat{B} = 180 - 10 - 90° = 80°$

Para descobrir o "D" com o triângulo BDC

$B\hat{D}C = 180 - 80 = 100°$

$\hat{BD}$ é a bissetriz, logo temos no triângulo $D\hat{C}B$

$D\hat{C}B = 180 - 100 - 45$

$D\hat{C}B = 35°$ → ângulo C

O ângulo A é

$C\hat{A}B = 180 - 90 - 35 = 55°$

R: 35° e 55°