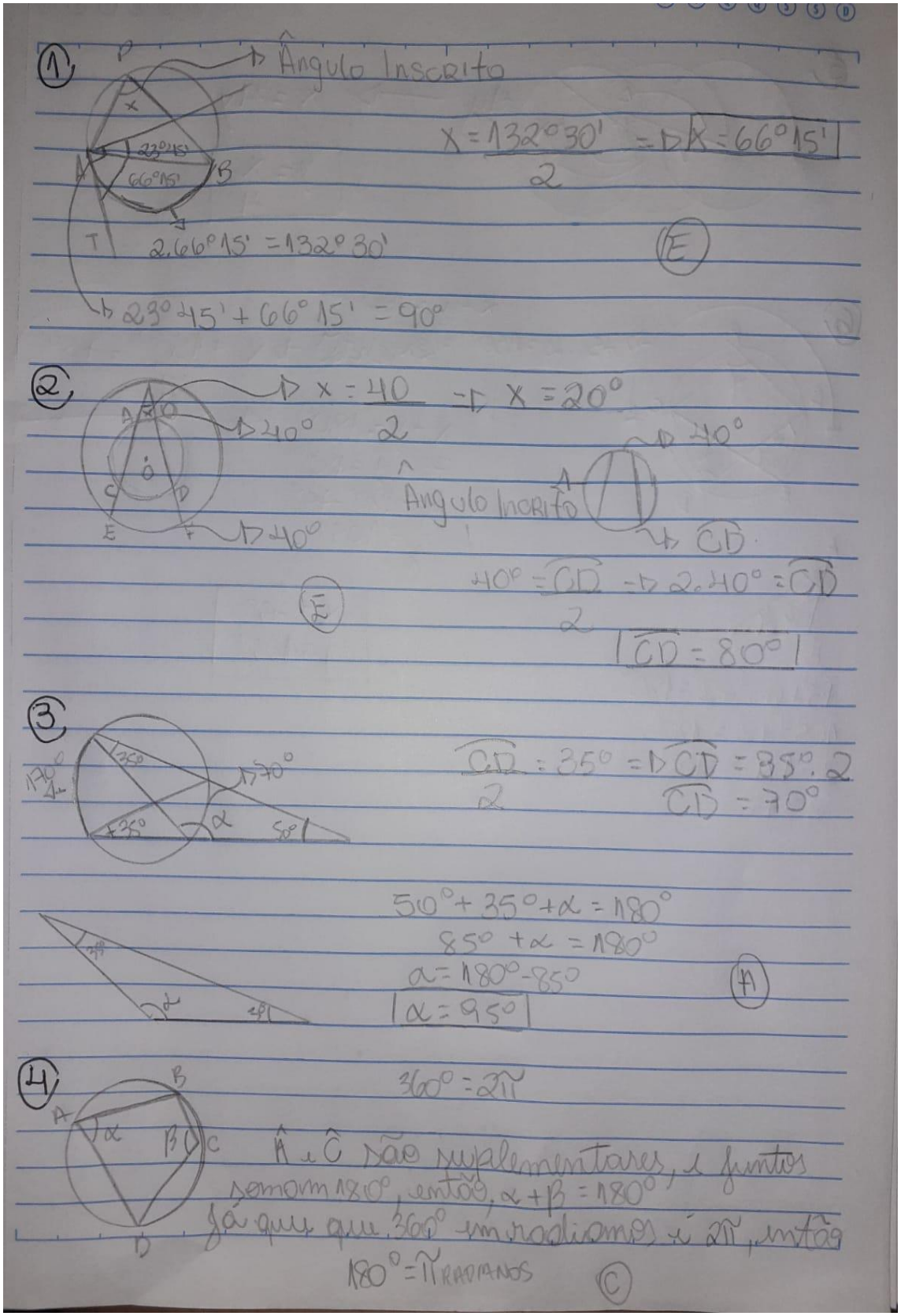
Evelyn Santos de Santana

CTII348

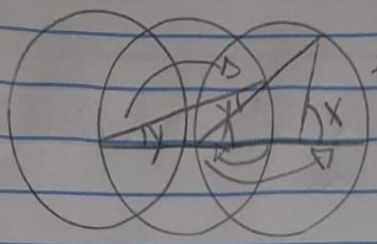
Arcos e Ângulos na circunferência



data • •

S T Q Q S S D

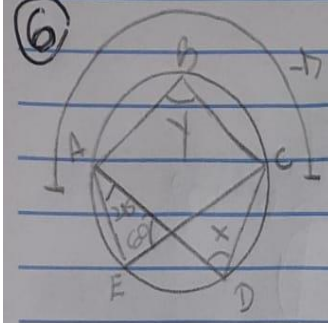
⑤



$4y \rightarrow x = 4y$

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

⑥



$x + y = 180°$

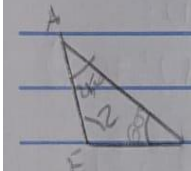
$75 \cdot 2 = 150° = 2x$, então $x = \frac{150°}{2} = 75°$

$x + y = 180°$

$75 + y = 180°$

$y = 180° - 75°$

$y = 105°$



$$\boxed{\begin{array}{l} x = 75° \\ y = 105° \end{array}}$$

$45° + 60° + z = 180°$

$105° + z = 180°$

$z = 180° - 105°$

$z = 75°$