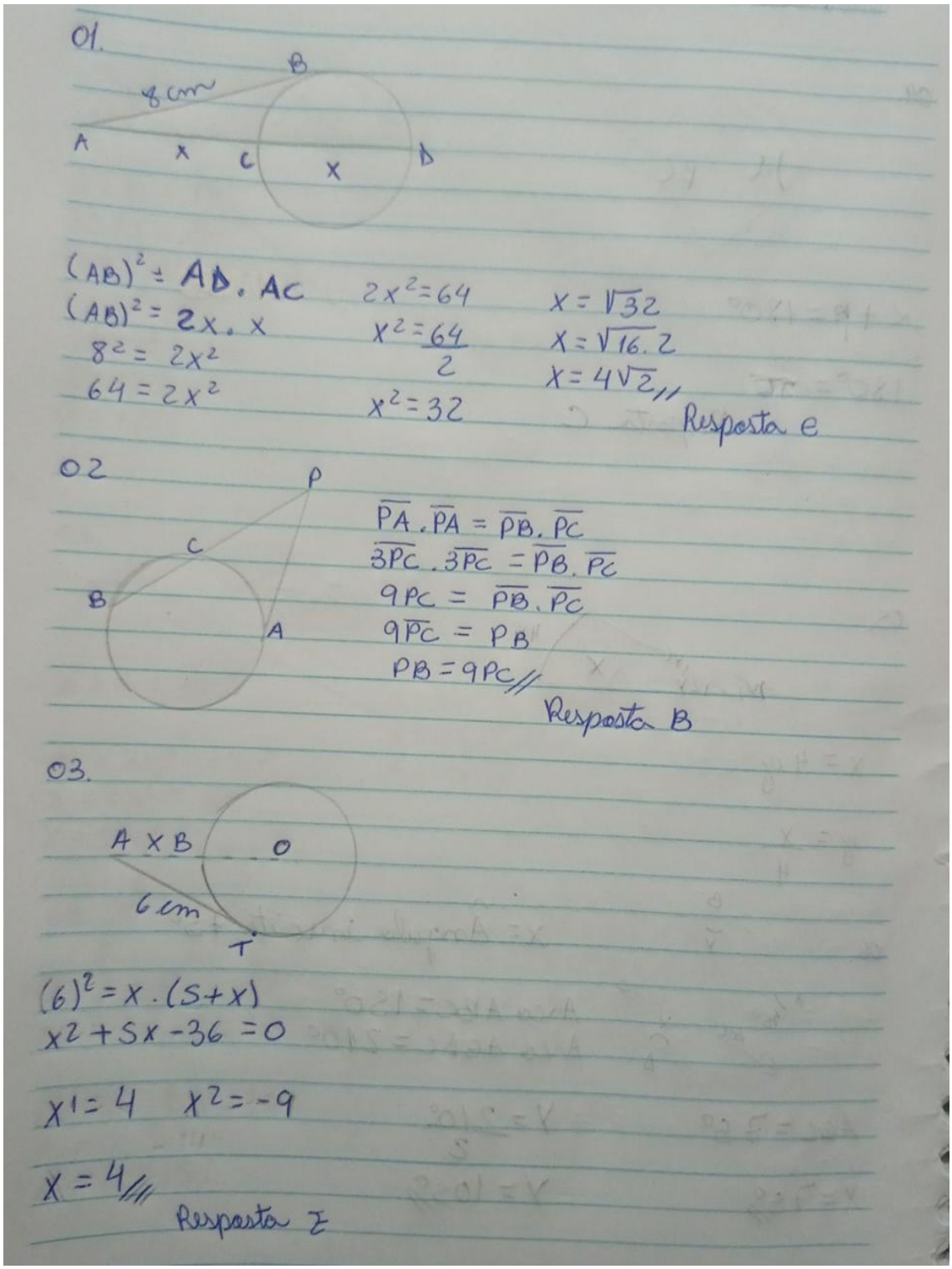
Nome: Mikaela dos Santos Ferreira **Prontuário:** 1890336 **CTII-**348

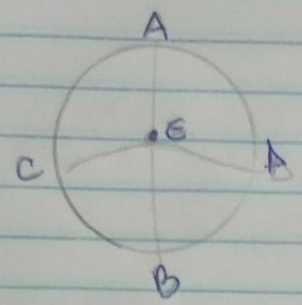
Potência de um ponto

Exercícios 1, 2 e 3



Exercícios 4 e 5

04.



$AE \cdot EB = 3$

$CE = CD$

$CE \cdot ED = AE \cdot EB$

$CE^2 = 3$

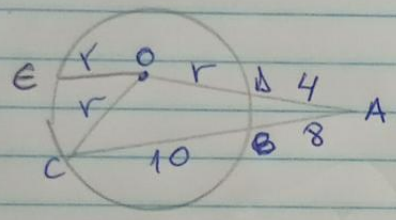
$CE = \sqrt{3}$

$CD = CE + ED = \sqrt{3} + \sqrt{3}$

$CD = 2\sqrt{3}$ //

Resposta B

05.



$AE \cdot AD = AC \cdot AB$

$(4+2r) \cdot 4 = 18 \cdot 8$

$16 + 8r = 144$

$8r = 128$

$r = \frac{128}{8}$

$r = 16$

Perímetro AOC

$AO = 4 + r$

$OC = r$

$AC = 10 + 8$

$AOC = 20 + 16 + 18$

$AOC = 54$ //

Resposta E