Nome: Gustavo Nascimento de Queiroz **Turma:** CTII 317

DOM SEG TER QUA QUI SEX SÁB

①

r = 1,5 km
d = 3 km
p = 9,42
Dp = 720 km

2 . 3,14 . 1,5
3,14
3
p = 9,42

1 volta 6 km
120 . 6 = 720 km
720 ÷ 9,42 = 76,43

c) 76 voltas

②

d = 4 cm
r = 2 cm
p = 4π cm
nº voltas = 10
distância = 40π c)

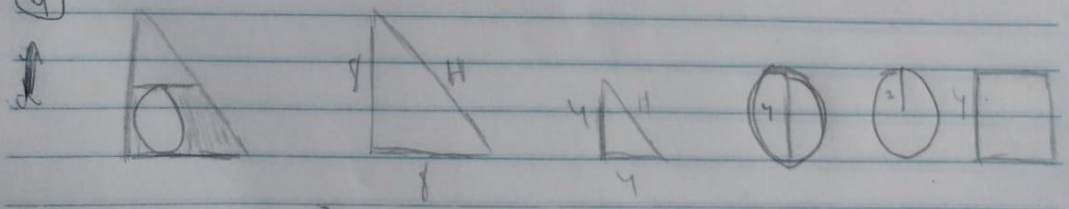
p = 2π 2 = 4π
4π . 10 = 40π

③

r = 1
d = 2
A□ = 2
A○ = π²
A△ = 1
R: A = π² - 2 c)

A○ - A□ = A = π² - 2
2 A△ = A□ = 2
A = b . h / 2 = 2 . 1 / 2 = 1
A○ = π 1² = π²

④



A○ = 3,1 . 2² = 3,1 . 4 = 12,4
A□ = 4² = 16
A△ = A□ / 2 = 16 / 2 = 8
A = A□ + A△ - A○ = 16 + 8 - 12,4 = 24 - 12,4 = 11,6

DOM SEG TER QUA QUI SEX SÁB

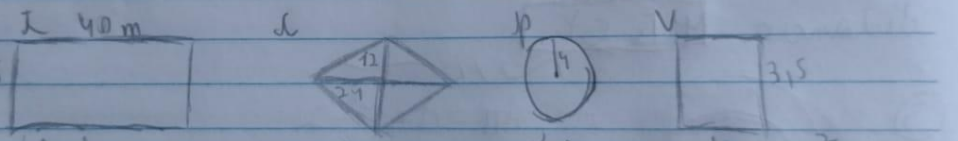
05) $\frac{\pi \cdot 10^2}{2\pi \cdot 5} = \frac{100\pi}{10\pi} = 10\,cm$

06) $l^2 = 100$

$l = 10$ → $500\,000 \cdot 500\,000 = 25 \cdot 10^{10}$

$h = \frac{10}{0{,}02 \cdot 10^{-3}} = 500\,000$ m de fita

07)



$A_I = 600$ | $l \cdot h$ | $40 \cdot 15 = 600$

$A_C = 144$ | $\frac{D \cdot d}{2}$ | $\frac{24 \cdot 12}{2} = \frac{144}{2}$

$A_p = 50{,}24$ | πr^2 | $3{,}14 \cdot 16 = 50{,}24$

$A_V = 12{,}25$ | l^2 | $3{,}5^2 = 12{,}25$

$+ \; 206{,}49$

$A_L = 600 - 206{,}49 = 393{,}51$

$P_g = 393{,}51 \cdot 2{,}4 = 944{,}424 \approx 944{,}40$