FILO 2 ANTHÉTICA ÉLGEBRA

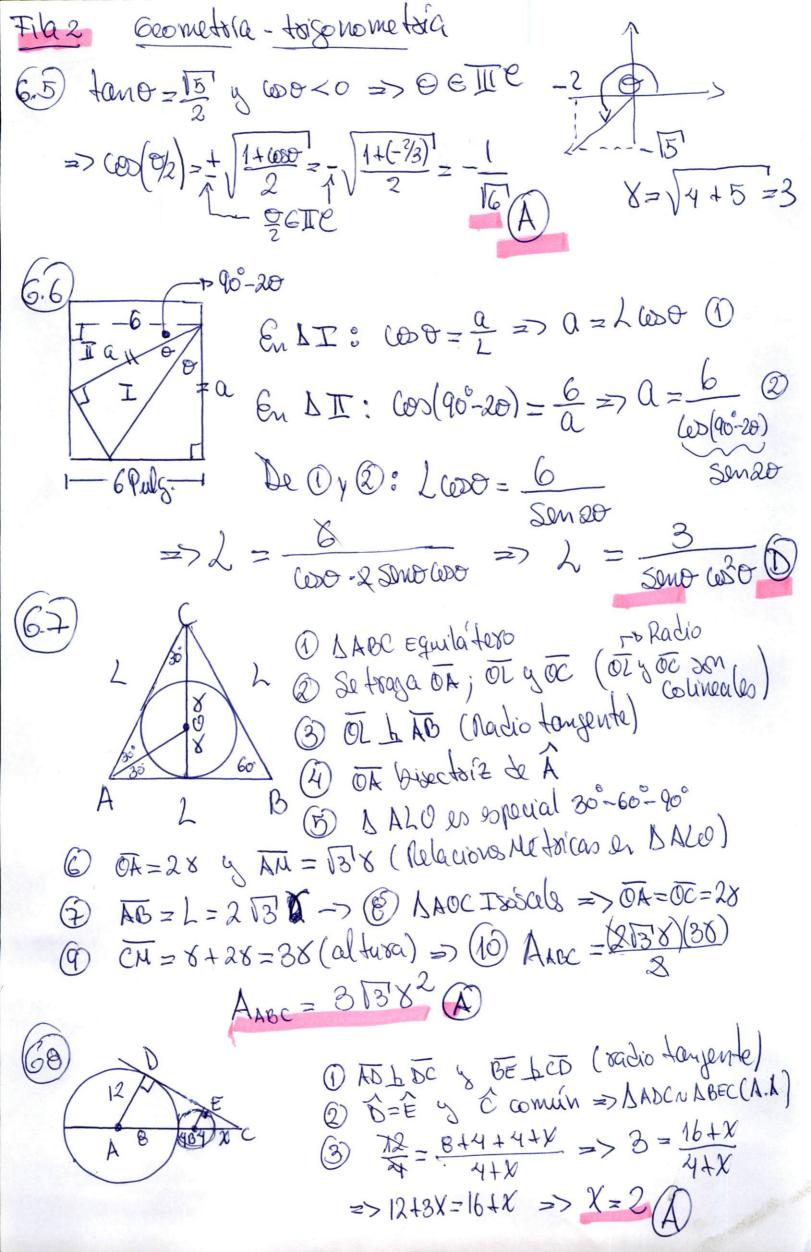
(A) $\log \log_2 x^2 - \log \log_2 \log_5 = 6 - \log_2 \left[\frac{\chi^2 \cdot \log_5^2}{\log_2^2} \right] = 6$ $\log \chi^{2} = 6 \implies \chi^{2} = 2^{6} \implies \chi^{2} = 6 \implies \chi^{2} = 0 \implies (\chi + 8)(\chi - 8) = 0$ $\Rightarrow \chi_{1} = -8; \chi_{2} = 8 \implies \chi_{1} + \chi_{2} = 0$ $\Rightarrow \chi_{1} = -8; \chi_{2} = 8 \implies \chi_{1} + \chi_{2} = 0$

(A2) P.A.: 9;11;13; ... Q=9; $d_2 \Rightarrow S_n = \frac{N}{2} \left[2Q + (n-1) d \right] = \frac{n}{2} \left[18 + 2(n-1) \right]$ P.6.: 3; -6;12;-24... Q=3; $Y=-2 \Rightarrow S_q = \frac{Q(8^{N-1})}{8-1} = \frac{3(+2)^{q-1}}{(-2)-1}$

 $6 = 6 \Rightarrow \frac{1}{2} [18 + 2(N-1)] = \frac{3(-512-1)}{-8} = 513$

(Inditerm.)

 $I = (20 - \chi)(100 + 10\chi) = 2000 + 100\chi - 10\chi^2 = -10(\chi^2 - 10\chi) + 2000$ $= -10(x^2 + 10x + 25 - 25) + 2000 = -10(x-5)^2 + 250 + 2000$ $I = -10(x-5)^2 + 2250 \Rightarrow Preaco = 20-5 = 15$ Ingreso Max. = 2250



$$fand = \frac{V_{AY}}{V_{AX}} = \frac{V_{BX}}{V_{BY}} \Rightarrow \frac{9t}{20} = \frac{30}{9t} \Rightarrow t = \sqrt{6} \Rightarrow d = \frac{x_A + x_B}{\left[d = 50\sqrt{6} \left[m\right]\right]} d$$

$$y = h - \frac{9}{2}t^{2}$$
 $t = \frac{1}{5}[5]$

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$$\frac{3}{5} = \frac{1}{5}[5]$$

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F12

Sun
$$\theta = \frac{R-h}{R}$$

Cur $\theta = \frac{\Gamma}{R} \rightarrow \Gamma = R \cos \theta$

N Send - mg = 0
$$\rightarrow$$
 N = $\frac{mg}{sen\theta}$

N COD θ = mrw

$$\frac{mg}{sen\theta} = cod\theta = phrw^2$$

$$\frac{g cor\theta}{sen\theta} = R cor\theta = R$$

$$\frac{g}{sen\theta} = Rw \Rightarrow h = R - \frac{g}{w^2}$$

$$h = t - \frac{1}{10}$$

h = 0,9[m]

Q13.42 a)
$$1C = 01$$
 b) $1N = 01$ c) $15 = 01$ d) $10 = 01$

Q.14 2. $2H_{Z}(g) + O_{Z}(g) \longrightarrow 2H_{Z}O(g)$

49 329 369

 $10gH_{Z} = \frac{36gH_{Z}O}{4gH_{Z}} = \frac{90/R}{1007/R} = \frac{81gH_{Z}O}{1}$ A)

En exceso est $z = eloxigeno!$

Q15. $g = aloxio = al$

$$\frac{1}{6}$$
 C12 H22 O11 = $\frac{M_s}{M_{sol}}$. 100 = $\frac{82}{328}$. 100 = $\frac{25}{6}$