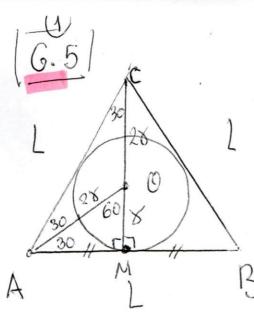


$$\log_2(\log_2 x^2) - \log_2(\log_5^2) = 6$$

$$\log_{2}\left[\frac{\chi^{2} \cdot \log(2)}{\log(2)}\right] = 6$$

$$\log_2 x^2 = 6$$

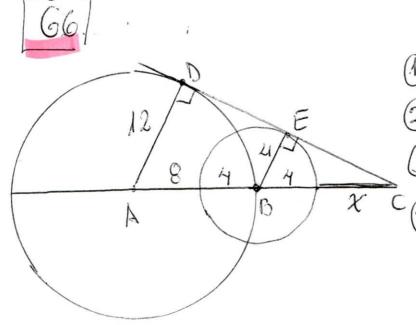
$$\chi^{2} = 2^{6} \Rightarrow \chi^{2} - 64 = 0$$
 $(\chi + 8)(x - 8) = 0$



GEONEINA - TOUGONOMETIMA

DABC EQUILATERO. (Dato)

- 1) trajamos OA y OZ y OC
- 2) OI you son colineales (OI=X)
- 3) OL LAB (Madio-dangente)
- 4) OA bisectoiz. A=60°
- 5) A ALO es & especial 30-60-90°
- 7) AB=L=213R <-6) OA=28 y AM > 138 (Relación)
- 8) 1 AOC Isósules => OA = OC = 28 => CM = 38 (altura)
- 9) AABC = (81318)(38) = 31382 Sol. (C)



$$12+3x = 16+x$$

 $2x = 4$
 $x = 2$

$$=> 8^{2} = (-2)^{2} + (-15)^{2} = 4+5 = 9$$

$$=> 8 = +3$$

$$= \frac{1}{1 + (-2/3)} = -\frac{3-2}{6} = -\frac{1}{6} = \frac{1}{6} =$$

$$\frac{\varepsilon_n}{\omega} = \frac{\omega}{\omega} = \frac{6}{\alpha}$$

$$a = \frac{6}{(a(90^6-20))}$$

$$L \cos \theta = \frac{6}{\cos(90^{\circ}20)} \Rightarrow L = \frac{6}{\cos\cos(90^{\circ}20)}$$

Las magnitudes:

$$t=9$$
 $t=9$
 $t=9$

$$tand = \frac{V_{AY}}{V_{AX}} = \frac{V_{BX}}{V_{BY}} \Rightarrow \frac{gt}{20} = \frac{30}{gt} \Rightarrow t = \sqrt{6} \Rightarrow d = \frac{x_A + x_B}{d = 50\sqrt{6} \text{ [m]}} \text{ a}$$

$$y = h - \frac{9}{2} t^{2}$$

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

$$F = \frac{R}{R}$$

$$Co \theta = \frac{\Gamma}{R} \rightarrow \Gamma = R Co \theta$$

N SMB - mg = 0
$$\rightarrow$$
 N = $\frac{mg}{3m\theta}$

N CMB = mrW

$$\frac{mg}{5m\theta} cw\theta = mrW$$

$$\frac{g cm\theta}{3m\theta} = R cm\theta w$$

$$\frac{g}{3m\theta} = Rw \Rightarrow h = R - \frac{g}{w^2}$$

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

h = 0,9[m]

013 Az
$$2H_{2(1)} + O_{2(9)} \longrightarrow 2H_{2}O_{2})$$
 $4g$ $37g$ $36g$
 $5gH_2 \cdot \frac{36gH_2O}{4gH_2} \cdot \frac{80! \cdot R}{100! \cdot R} = 36gH_2O$ $1 \text{ En exacto estimal } 02!$

Q.14. 2.

[18,75g]

[15%]
 $300g$ \longrightarrow [7%]
 $318,75g$ $M_{16}GH_{206} = 300g \cdot 0,15 = 45g$
 $M_{15}GH_{1206} = 45 + 18,75 = 63,75g$
 $M_{15}GH_{1206} = 31,875$
 $M_{15}GH_{1206} = 45 + 18,75 = 63,75g$
 $M_{15}GH_{1206} = 45 + 18,75g$
 $M_{$

d) 0,5 kg CzH6 1000 g. Zát-g C 6,023.10 at. = 2.10 25 atomos C