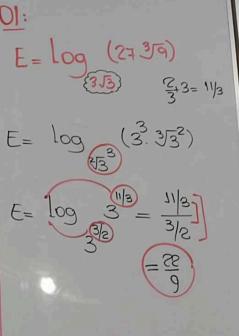


Prop: 1 log (A-B) = log A log B & Log B = log B (2 lag (A/B) = lag A lag B 3 log AP=n.log A=log A (1) Artilog A= B 9 log DA = log A = log A (S) log a = log 3 = log a 6 Log A = Log 8

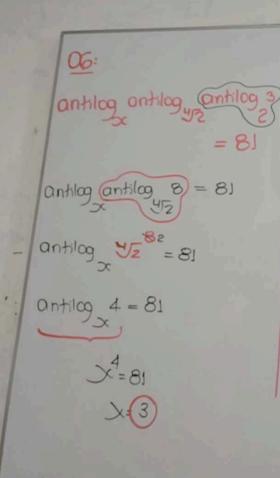


(x2-7x+21)= tog 9 $\chi^{2} - 7\chi + 12 = 0$ 2,=4/11 X2 = 3

 $x^2 = 5x - 7$ $\chi^2 - 5\chi + 7 = 0$. Suma = 5

 $\alpha.\beta = 10$ $\frac{2}{x^2-3}\frac{10x+10=0}{x+2=0}$ $\frac{2}{\alpha,\beta}$ raices E=log ()+log () E = Log (= 1/2) E= log(01.B) E= log 1 = 0 11

05: Hallar: xx $\sum_{Log G} \log (1+2^{2}) = \log_{5+} \log_{5}$ Log 10x + log (1+2) = log 5x + log 6 tog 10 (112") = tog 5x.6 10x 20x = 5x.6 | 2x = 3 10x 10x - 6.5 = 0 2x2=0 Xx (4x+2x-0)=0 1x=2 2x 13:0 (x=1)



O7:
$$Y-Z=8$$

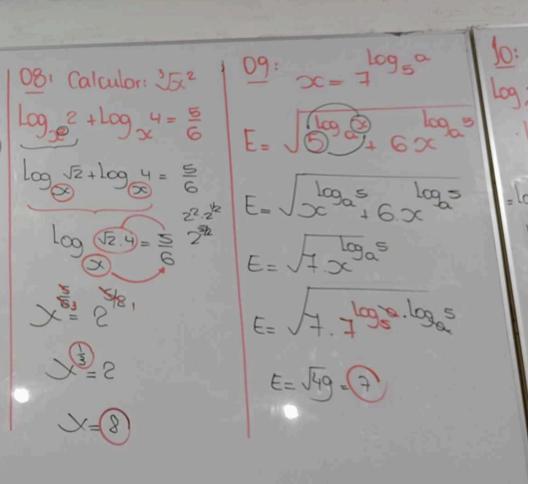
antilog x ; antilog y ;

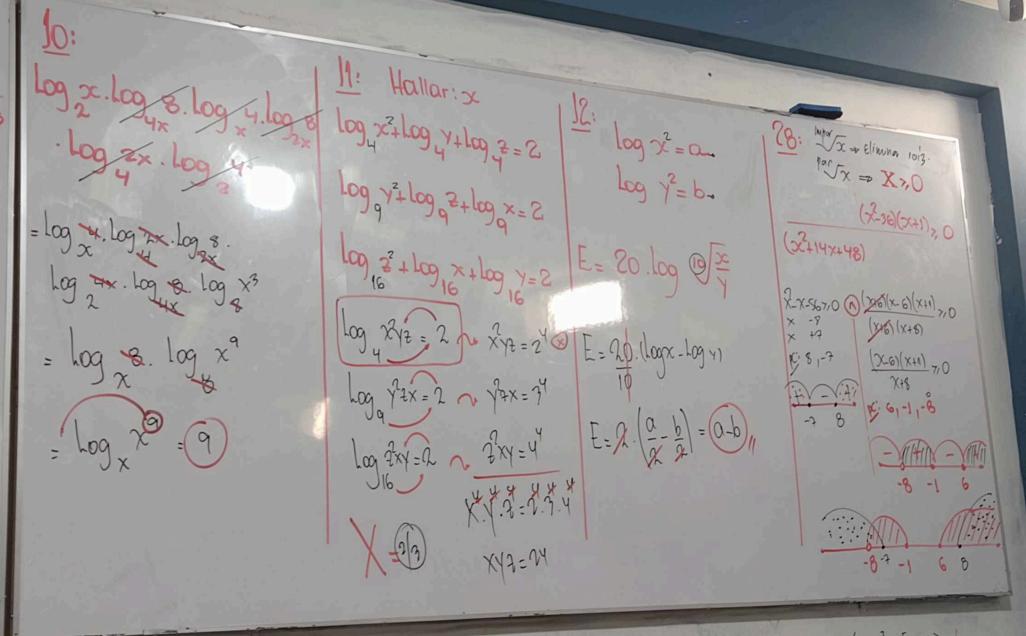
antilog x ; antilog x ;

Antilog x ;

 $x=2$

OBS: $x=2$
 $x=3$
 $x=2$
 $x=3$
 $x=3$
 $x=3$
 $x=3$
 $x=3$





C5: (-81-7] [81+07