man artisad ficeros man 10 log (5,)=12 => log (8) -1,2 => 5, 1042 C=BWX log(1+ 5) => 2 c/m - W bog 0 4 5) 60 C 5 2 wm = 52m = log (1+ 5) 5)2m s log(1+10)21 2 sms log(1410"29) sms log(16,84) 5 4.07 2 2.035 log4 - 2.035 - 7 Ns 4.098 -> Jundy 4 b) C= wlog (4 2) => C= 9x103x 4000 4.07. 16,280 lbs.

$$-13 = 10 \log \frac{1}{R} = 3$$

$$-1.3$$

$$\frac{-1.3}{R} = 10$$

$$\frac{1.3}{R} = 10$$

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3)
$$C = w \log_2(1+\frac{5}{4}) = 3c = w \log_2(1001)$$
 $10\log_2(\frac{5}{4}) = 30 = 3\log_2(\frac{5}{4}) = 3 = 3\log_3(\frac{5}{4})$
 9.96
 39.840
 39.840

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4)

C= Zerm

$$T_{N} = \frac{1}{5} \frac{1}{N} = 5 T_{N} = \frac{5 \times 10^{-7}}{172 \times 10^{2}} = \frac{5 \times 10^{-9}}{1} = \frac{1}{C}$$

$$-3$$
 $C_{5}\frac{1/2}{5x10^{-9}}$ $-2.4x10^{8}$ $-240x10^{6}$ has

