5000 ——— 6500 . . . . t = ?

$i_4 = 0{,}5\%$

$5000(1{,}005)^t = 6500$ (t espresso in Trimestri)

$(1{,}005)^t = \frac{6500}{5000}$

$(1{,}005)^t = 1{,}3$ → $t = \log_{1{,}005} 1{,}3 = \frac{\log_{10} 1{,}3}{\log_{10} 1{,}005}$

$t = 52{,}604$ TRIMESTRI

Potrò ritirare 6500€ tra 13 ami, 1 mese e 24 giorni.

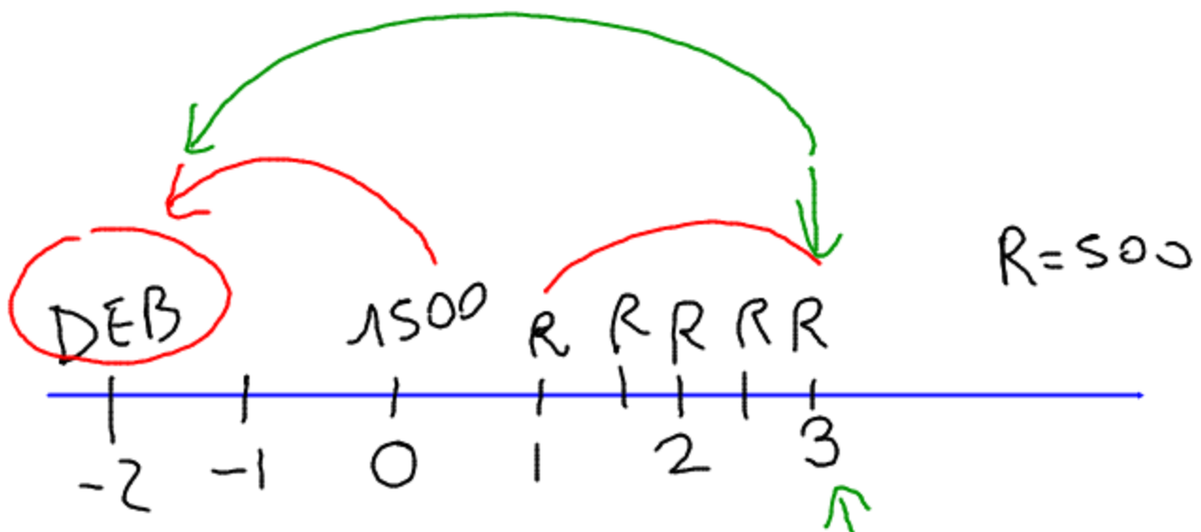
$\frac{52{,}604}{4} = 13{,}15$ 13^A

$0{,}15 \cdot 12 = 1{,}8$ 1^m

$0{,}8 \cdot 30 = 24$ 24_{gg}

n 12

1500



$J_2 = 0{,}04$

$i_2 = 0{,}02$

$V_{-2} = 1500(1+i_2)^{-4}$

$1500(1{,}02)^{-4} = 1385{,}768139$

$m = R\frac{(1+i)^N - 1}{i} = 500 \cdot \frac{(1{,}02)^5 - 1}{0{,}02} = 2602{,}02008$

$V_{-2} = 2602{,}02 \cdot (1{,}02)^{-10} = 2134{,}56$

$DEB = 1385{,}77 + 2134{,}56 = 3520{,}33$

N° 6

$V_A = ?$

6_A

$R = 2500$

$i = 0{,}03$

$i_4 = 0{,}007417$

$\frac{R}{i}$ = V. att. di una rendita perpetua POST.

Va all'inizio delle posticipate

$\frac{R}{i}$

$V_6 = \frac{2500}{0{,}007417} =$

$= 337.063{,}23$

$V_0 = V_6(1{,}03)^{-6} = 282.28[illegible]{,}38$