



Nombre de alumno: Gerardo Israel Morales Rubio

Nombre del profesor: JORGE ENRIQUE ALBORES AGUILAR

Nombre del trabajo: actividad

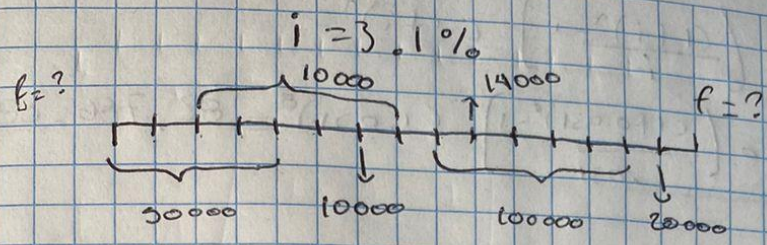
Materia: matemáticas

PASIÓN POR EDUCAR

Grado: 3

Grupo: A

Comitán de Domínguez Chiapas a 7 julio 2022



$$P = A \left[\frac{(1+i)^n - 1}{i} \right] (1+i)^n$$

Ingresos

$$P = 50000 \left[\frac{(1+0.031)^5 - 1}{0.031} \right] (1+0.031)^5 = 372,110.85$$

$$P = P (1+i)^n = 10000 (1+0.031)^9 = 13,162.18$$

$$P = 100000 \left[\frac{(1+0.031)^6 - 1}{0.031} \right] (1+0.031)^2 = 684,295.38$$

$$P = 20000 (1+0.031)^6 = 20,620$$

Ingresos

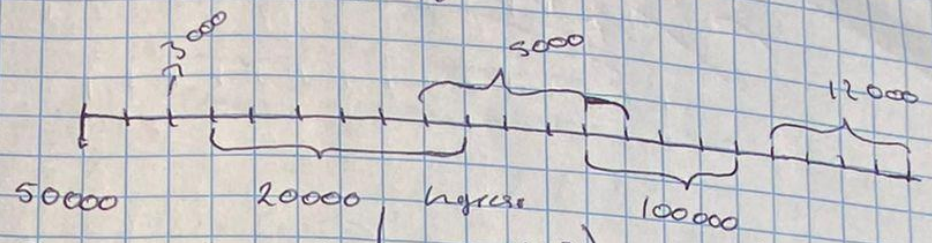
1 =	1,095,218.41
6 =	99,600.42
	<u>995,617.99 //</u>

$$P = 10000 \left[\frac{(1+0.031)^6 - 1}{0.031} \right] (1+0.031)^8 = 82,786.08$$

$$P = 14000 (1+0.031)^6 = 16,814.34$$

56.08

$i = 2\%$



$P_1 = 50000$

$P = A \left(\frac{1 - (1+i)^{-n}}{i} \right) \left(\frac{1}{(1+i)^t} \right)$

$P_{12} = 20000 \left(\frac{1 - \frac{(1+.02)^{-7}}{.02}}{.02} \right) \left(\frac{1}{(1+.02)^2} \right) = 124413.51$

$P_{13} = 100,000 \left(\frac{1 - \frac{(1+.02)^{-15}}{.02}}{.02} \right) \left(\frac{1}{(1+.02)^{11}} \right) = 379,086.12$
 6 years

$P_{c1} = \frac{f}{(1+i)^n} =$

$P = A \left(\frac{1 - (1+i)^{-n}}{i} \right) \left(\frac{1}{(1+i)^t} \right)$

$P_{c1} = \frac{3000}{(1.02)^2} = 2883.50$

$P_{c2} = 5000 \left(\frac{1 - \frac{(1.02)^{-6}}{.02}}{.02} \right) \left(\frac{1}{(1+.02)^7} \right) = 21223.97$

$P_{c3} = 12000 \left(\frac{1 - \frac{(1.02)^{-15}}{.02}}{.02} \right) \left(\frac{1}{(1.02)^{16}} \right) = 40201.99$

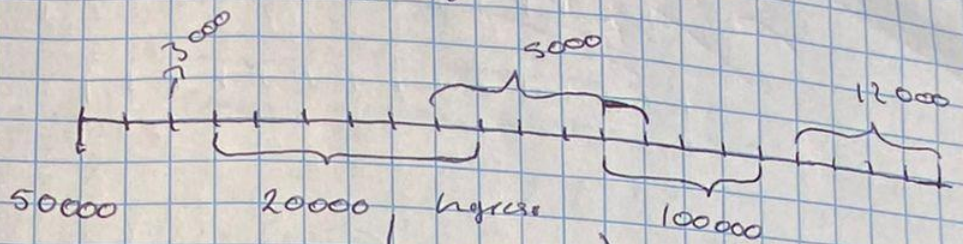
$P_1 = 553.49963$

$P_C = 65311.41$

488188.22 //

$i = 2\%$

56.08



$P_1 = 50000$ $P = A \left(\frac{1 - (1+i)^{-n}}{i} \right) \left(\frac{1}{(1+i)^t} \right)$

$P_{12} = 20000 \left(\frac{1 - (1+0.02)^{-7}}{0.02} \right) \left(\frac{1}{(1+0.02)^2} \right) = 124413.51$

$P_{13} = 100,000 \left(\frac{1 - (1+0.02)^{-5}}{0.02} \right) \left(\frac{1}{(1+0.02)^{11}} \right) = 379,086.12$
 ingreso

$P_{e1} = \frac{f}{(1+i)^n} =$

$P = A \left(\frac{1 - (1+i)^{-n}}{i} \right) \left(\frac{1}{(1+i)^t} \right)$

$P_{e1} = \frac{3000}{(1.02)^2} = 2883.50$

$P_{e2} = 5000 \left(\frac{1 - (1.02)^{-6}}{0.02} \right) \left(\frac{1}{(1+0.02)^7} \right) = 21223.90$

$P_{e3} = 12000 \left(\frac{1 - (1.02)^{-5}}{0.02} \right) \left(\frac{1}{(1.02)^{16}} \right) = 40201.99$

$P_i = 553.49963$

$P_c = 65311.41$

488188.22 //