

Día

$$5) \sum_{n=1}^9 \frac{3n-1}{n} = \frac{3 \cdot 9 - 1}{9}$$

Mes

Año

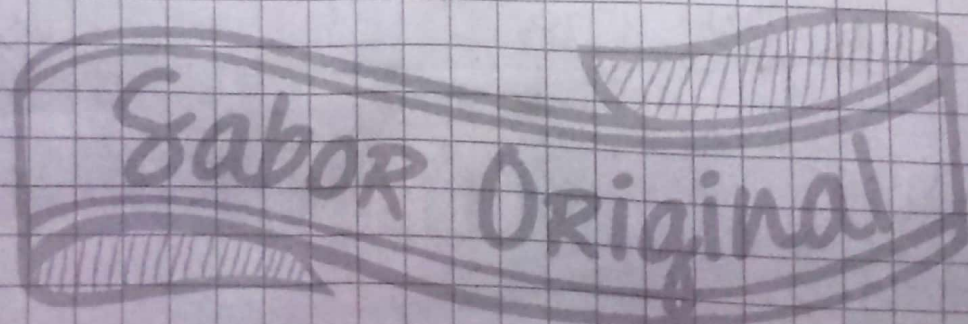
$$6) \sum_{n=1}^6 \frac{1}{2n} = \frac{1}{2 \cdot 6}$$

$$7) \sum_{n=1}^5 \left(\frac{2}{7}\right)^{n-1} = \left(\frac{2}{7}\right)^{5-1}$$

$$8) \frac{42.350.330}{7} = 605050$$

$$9) S_n = \frac{(4^n - 1)}{4 - 1} = 5461$$

$$10) \frac{8}{\frac{1}{3} \cdot \frac{1}{5} \cdot \frac{1}{7}} = 206 = 2103$$



Examen

Andres

Castro

Día

Mes

Año

SABOR ORIGINAL

1) $b_n = 4nb_{n-1}$

$b_0 = 0,25, 1, 4, 16, 64, 256$

2) $a_n = a_{k+1} = a_k + 4$

$a_n = a_2 = a_1 + 4 = 1$

$a_n = a_3 = a_2 + 4$

$a_n = 25, 29, 33, 37, 41$

3) $\frac{2}{3} a_2 - a_k - \frac{1}{2}$

$\frac{2}{3}, \frac{1}{6}, -\frac{1}{3}, -\frac{5}{6}, -\frac{4}{3}$

4) $a_1 = 4, r = 3 \quad r = a_2/a_1 \quad 4 \times 3 \quad 12 \quad \frac{12}{4} = 3$

$a_n = 4, 12, 24, 1728 \quad a_2 = 12$

$a_n = a_1 \cdot r^{n-1}$

$a_n = 4 \cdot 3^{n-1}$