

evaluacion matematicas
tercer periodo

7. MCD 12, 18 y 24

D12: (1, 2, 3, 4, 6, 12)

D18: (1, 2, 3, 6, 9, 18)

D24: (1, 2, 3, 4, 6, 8, 12, 24)

$$\begin{array}{ccc|c} 12 & 18 & 24 & 2 \\ 6 & 9 & 12 & 3 \\ 2 & 3 & 4 & 4 \\ & & & 2 \end{array} = 6$$

4. = 12 $12 \times 3 = 36$ $12 \times 2 = 24$ $12 \times 4 = 48$

6. nunca porque ella va cada 24 dias
y el 42 dias y $24 + 24 = 48$ 6 dias despues
y asi siempre

$$\frac{78}{9} - \frac{3}{8} = \frac{64 - 27}{72} = \frac{37}{72}$$

$$\begin{array}{ccc|c} 37 & 72 & 3 & 3 \\ 12 & 24 & 2 & 4 \\ 6 & 12 & 2 & 6 \\ 3 & 6 & 2 & 12 \\ 1 & 3 & 2 & 24 \end{array} = 2$$

$$\frac{98}{9} - \frac{6}{9} = \frac{92 - 54}{81} = \frac{38}{81}$$

$$\begin{array}{ccc|c} 18 & 81 & 3 & 3 \\ 6 & 27 & 3 & 9 \\ 3 & 9 & 3 & 27 \\ 1 & 3 & 3 & 81 \end{array} = \frac{1}{3}$$

11. M.C.M 24, 48 y 72

M24: (24, 48, 72, 96, 120)

M48: (48, 96)

M72: (72)

$$\begin{array}{ccc|c} 24 & 48 & 72 & 2 \\ 12 & 24 & 36 & 2 \\ 6 & 12 & 18 & 2 \\ 3 & 6 & 9 & 2 \\ 3 & 3 & 3 & 3 \\ 1 & 1 & 1 & 3 \end{array}$$

$2^4 \times 3^3 = 144$