



SUMA TRES FRACCIONES CON DIFERENTE DENOMINADOR

NOMBRE: _____ GRUPO: _____

Observa el siguiente video con mucha atención.



1. Elige los números primos:

- a) 1, 2, 3, 5, 7, 11, 13, 17...
- b) 1, 3, 5, 7, 9, 11, 13, 15...
- c) 1, 2, 3, 4, 5, 6, 7, 8, 9...

2. Une las columnas de sus números con sus múltiplos:

5
7
8
3

7, 14, 21, 28, 35, 42, 49...
5, 10, 15, 20, 25, 30, 35...
3, 6, 9, 12, 15, 18, 21, 24...
8, 16, 24, 32, 40, 48, 56...

3. Resuelve las siguientes sumas de fracciones con diferente denominador, no olvides obtener el m.c.m. Observa el primer ejercicio, es un ejemplo:

$$\frac{3}{4} + \frac{2}{6} + \frac{1}{3} = 1\frac{5}{12}$$

$$\frac{9}{12} + \frac{4}{12} + \frac{4}{12} = \frac{17}{12} = 1\frac{5}{12}$$

(Handwritten notes: x3, x2, x4 with arrows pointing to the denominators 4, 6, and 3 respectively to show they are multiplied to get 12.)

m.c.m.

4	6	3	2
2	3	3	2
1	3	3	3
	1	1	

(Handwritten note: A blue arrow points from the prime factors 2 and 3 in the last row to the final calculation.)

$$2 \times 2 \times 3 = 12$$

m.c.m.

$$\times \times =$$

$$\frac{2}{3} + \frac{1}{2} + \frac{4}{10} = \text{---}$$

(Handwritten notes: Three downward arrows under the denominators 3, 2, and 10.)

$$\text{---} + \text{---} + \text{---} = \text{---} = \text{---}$$

$$\frac{7}{8} + \frac{2}{3} + \frac{3}{4} = \text{---}$$

(Handwritten notes: Three downward arrows under the denominators 8, 3, and 4.)

$$\text{---} + \text{---} + \text{---} = \text{---} = \text{---}$$

m.c.m.

$$\times \times \times =$$

$$\frac{2}{7} + \frac{2}{5} + \frac{4}{10} = \underline{\hspace{2cm}}$$

↓ ↓ ↓

$$\underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

m.c.m.



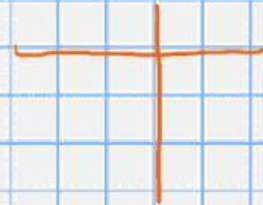
X X =

m.c.m.

$$\frac{2}{5} + \frac{4}{10} + \frac{1}{6} = \underline{\hspace{2cm}}$$

↓ ↓ ↓

$$\underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$



X X =

Completa las fracciones equivalentes:

$$\frac{2}{8} = \frac{6}{\hspace{1cm}}$$

$$\frac{3}{7} = \frac{\hspace{1cm}}{28}$$

$$\frac{5}{4} = \frac{\hspace{1cm}}{20}$$

$$\frac{1}{8} = \frac{4}{\hspace{1cm}}$$

$$\frac{6}{9} = \frac{18}{\hspace{1cm}}$$