ADICIONES CON FRACCIONES MIXTAS

Recuerda: El **mínimo común múltiplo (m.c.m.)** se **divide con el denominador** y **multiplica con el numerador**.

$$3\frac{1}{4}+5\frac{3}{4}=\frac{13}{4}+\frac{23}{4}=\frac{13+23}{4}=\frac{36}{4}=9$$

$$3\frac{1}{4}=\frac{3\times4+1}{4}=\frac{13}{4}$$

$$5\frac{3}{4}=\frac{5\times4+3}{4}=\frac{23}{4}$$

$$3\frac{3}{4}+5\frac{5}{9}+7\frac{1}{12}=\frac{15}{4}+\frac{50}{9}+\frac{85}{12}=\frac{135+200+255}{36}=\frac{590\div2}{36\div2}=\frac{295}{18}=16\frac{7}{18}$$

$$3\frac{3}{4}=\frac{3\times4+3}{4}=\frac{15}{4}$$

$$5\frac{5}{9}=\frac{5\times9+5}{9}=\frac{50}{9}$$

$$7\frac{1}{12}=\frac{7\times12+1}{12}=\frac{85}{12}$$

m.c.m. (4-9-12) = $2\times2\times3\times3$**=36**

4 – 9 – 12	2
2 – 9 – 6	2
- 9 – 3	3
3	3
1 – 1 – 1	

295	18
295 - 288 = 7	16

15x18=270

16x18=288

17x18=306

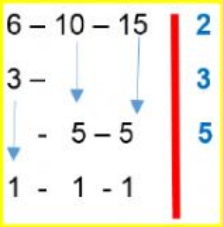
$$4\frac{1}{6}+3\frac{1}{10}+2\frac{1}{15}=\frac{25}{6}+\frac{31}{10}+\frac{31}{15}=\frac{125+93+62}{30}=\frac{280}{30}=\frac{280\div2}{30\div2}=\frac{140}{15}=\frac{140\div5}{15\div5}=\frac{28}{3}=9\frac{1}{3}$$

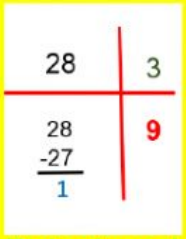
$$4\frac{1}{6}=\frac{4\times6+1}{6}=\frac{25}{6}$$

$$3\frac{1}{10}=\frac{3\times10+1}{10}=\frac{31}{10}$$

$$2\frac{1}{15}=\frac{2\times15+1}{15}=\frac{31}{15}$$

m.c.m. (6-10-15) = $2\times3\times5$ = 30





Relacione los ejercicios de adiciones con fracciones mixtas de la izquierda con las respuestas de la derecha

EJERCICIOS	RESPUESTAS
$8\frac{3}{7}+6\frac{5}{7}=$	$20\frac{4}{5}$
$9\frac{3}{5}+4\frac{1}{10}=$	$15\frac{1}{7}$
$7\frac{1}{8}+3\frac{5}{24}=$	$13\frac{7}{10}$
$5\frac{1}{8}+6\frac{3}{20}=$	$10\frac{1}{3}$
$5\frac{4}{5}+6\frac{2}{5}+8\frac{3}{5}=$	$11\frac{11}{40}$