

Operazioni Tra frazioni

Edoardo

$$\frac{7}{4} - \frac{2}{4}; \frac{2}{5} + \frac{8}{5}; \frac{5}{6} \times \frac{3}{9}; \frac{9}{12} : \frac{3}{4}:$$

$$\frac{7}{4} - \frac{2^1}{4^1} = \frac{7}{4} - \frac{1}{2} = \frac{7-1}{4-2} = \frac{6^3}{2^1} = 3.$$

$$\frac{2}{5} + \frac{8}{5} = \frac{2+8}{5} = \frac{10^2}{5^1} = 2.$$

$$\frac{5}{6} \times \frac{3^1}{9^1} = \frac{5}{6} \times \frac{1}{3} = \frac{5 \times 1}{6 \times 3} = \frac{5}{18}.$$

$$\frac{9^3}{12^4} : \frac{3}{4} = \frac{3}{4} \times \frac{4}{3} = \frac{3 \times 4}{4 \times 3} = \frac{12^6}{12^6} = 1$$

Mínimo común múltiplo

Edwards

et
h

m.c.m. (34, 95, 100) = ?

1) ~~2)~~

34		2
17		17
1		

95		5
19		19
1		

100		2
50		2
25		5
5		5
1		

2) $34 = 2 \times 17$ $95 = 5 \times 19$ $100 = 2 \times 2 \times 5 \times 5$

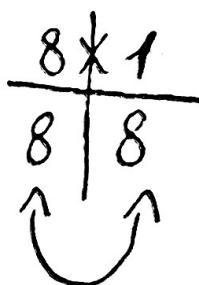
3) $2 \times 2 \times 5 \times 5 \times 17 \times 19$

4) m.c.m. (34, 95, 100) = $2 \times 2 \times 5 \times 5 \times 17 \times 19 = 32'300$

$$\begin{array}{r} 2 \times \\ 2 = \\ \hline 4 \end{array}$$

$$\begin{array}{r} 20 \times \\ 5 = \\ \hline 100 \end{array}$$

$$\begin{array}{r} 1'700 \times \\ 19 = \\ \hline 15'300 \\ 1'700 - \\ \hline 32'300 \end{array}$$



$$\begin{array}{r} 4 \times \\ 5 = \\ \hline 20 \end{array}$$

$$\begin{array}{r} 100 \times \\ 17 = \\ \hline 1'700 \end{array}$$