

Riduci con MCD e con la tabella

118) $\frac{72}{96}$

$$72 = 2^3 \cdot 3^2$$

$$96 = 2^5 \cdot 3$$

$$\text{MCD} = 2^3 \cdot 3 = 24$$

$$\frac{72:24}{96:24} = \frac{3}{4}$$

solo quelli
in comune

$$\frac{90}{105}$$

$$90 = 2 \cdot 3^2 \cdot 5$$

$$105 = 3 \cdot 5 \cdot 7$$

$$\begin{array}{l} 105 \\ 35 \end{array} \left| \begin{array}{l} 3 \\ 5 \cdot 7 \end{array} \right.$$

$$\text{MCD} = 3 \cdot 5 = 15$$

$$\frac{90:15}{105:15} = \frac{6}{7}$$

$$\frac{25}{35}$$

$$\text{MCD} = 5$$

$$\frac{34}{51}$$

$$\text{MCD} = 17$$

divido direttamente per MCD

119) a) $\frac{84}{144} = \frac{2^2 \cdot 3 \cdot 7}{2^4 \cdot 3^2}$

$$\begin{array}{l} 144 \\ 72 \end{array} \left| \begin{array}{l} 2^2 \cdot 3^2 \\ 2^3 \cdot 3^2 \end{array} \right. \text{MCD} = 2^2 \cdot 3 = 12$$

$$\frac{84}{144} \div 12 \text{ ho diviso per } 12$$

b) $\frac{56}{42}$ ho diviso per 14

c) $\frac{45}{30}$ ho diviso per 15

d) $\frac{55}{143}$

$$55 = 5 \cdot 11$$

$$143 = 11 \cdot 13$$

$$\begin{array}{l} 143 \\ 13 \\ 1 \end{array} \left| \begin{array}{l} 11 \\ 13 \end{array} \right.$$

$$\text{MCD} = 11$$

$$\frac{55}{143} \div 11 = \frac{5}{13}$$