

## ESERCIZI "OPERAZIONI CON I RAZIONALI"

$$\frac{7}{4} + \frac{9}{5} + \frac{1}{3} = \frac{105 + 108 + 20}{60} = \frac{233}{60}$$

$$\frac{9}{5} + \frac{2}{3} + \frac{1}{30} = \frac{54 + 20 + 1}{30} = \frac{75}{30} \text{ semplif in } \frac{15}{6} \text{ semplif in } \frac{5}{2}$$

$$\left(-\frac{15}{2}\right) + \left(-\frac{2}{3}\right) = -\frac{15}{2} - \frac{2}{3} = \frac{-45 - 4}{6} = -\frac{49}{6}$$

$$\left(-\frac{2}{3}\right) + \left(-\frac{15}{6}\right) - \frac{2}{9} = \frac{-12 - 45 + 4}{18} = -\frac{53}{18}$$

$$\begin{aligned} -\left(\frac{1}{2} + \frac{1}{3}\right) - \left(\frac{1}{3} - \frac{1}{7}\right) &= -\left(\frac{3+2}{6}\right) - \left(\frac{7-3}{21}\right) = -\frac{5}{6} - \frac{4}{21} \\ &= \frac{-35-8}{42} = -\frac{43}{42} \end{aligned}$$