

ESERCIZI

$$\left(-\frac{1}{2}\right)^{-2} + \frac{4}{3} - \frac{2}{5}\left(\frac{1}{2} + \frac{1}{3}\right)^{-2} =$$

$$\left\{\left[\left(1 - \frac{1}{4}\right)^2 : \left(\frac{1}{2} - \frac{3}{8}\right) + \frac{5}{2} - \left(\frac{4}{3}\right)^{-1}\right] : \left(2 + \frac{1}{2}\right)^2 + \left(1 - \frac{7}{8}\right)\right\} : 9 =$$

$$\left\{-3 - \left[\left(-\frac{1}{2}\right)^{-2} \left(-\frac{1}{4}\right) - (-3)^3 \left(-\frac{1}{3}\right)^2\right]\right\} \left(\frac{1}{5}\right)$$

$$\left[2 - \frac{3}{2^6} : \left(\frac{1}{2}\right)^4 : \frac{2^2}{11} + \left(\frac{3}{22} + \frac{1}{33}\right)^3 : \left(\frac{1}{6}\right)^2\right] =$$

$$\frac{3}{2^2} : \left[1 + \frac{1}{2} + \frac{27}{4} \left(\frac{3}{2}\right)^{-2} - \left(\frac{1}{2}\right)^{-2}\right]^2 : 1 - \left[\frac{2}{21} : \frac{1}{9} + \frac{2^3}{7} - \frac{3}{2}\right]^2 =$$

$$\left\{\left[\frac{3}{8} - \frac{5}{6} + \frac{5}{24}\right] - \left(\frac{1}{20} + \frac{1}{5}\right)\right\}^3 + \left[\left(\frac{5}{4} - \frac{25}{16} - \frac{1}{8}\right) - \left(\frac{5}{6} - \frac{7}{12} + \frac{3}{16}\right)\right]^3 - \left(\frac{5}{12} - \frac{19}{24}\right) =$$

$$\frac{[(-3)^2]^3 : [(-3)^{-4}]^{-1} [(-3)^2]^{-2}}{\frac{2}{5} \left(\frac{1}{3} + \frac{4}{3}\right)}$$