

2 PROVA TU

Semplifica la seguente espressione:

$$\left(\frac{1}{2} - \frac{4}{3}\right) + \left(\frac{1}{2} + \frac{1}{3}\right) - \left[\left(-\frac{1}{12} + \frac{5}{4}\right) - \left(\frac{1}{2} + \frac{1}{6}\right)\right]$$

$$\left(\frac{1}{2} - \frac{4}{3}\right) + \left(\frac{1}{2} + \frac{1}{3}\right) - \left[\left(-\frac{1}{12} + \frac{5}{4}\right) - \left(\frac{1}{2} + \frac{1}{6}\right)\right] =$$

$$= \left(\frac{3 - \dots}{6}\right) + \left(\frac{3 + \dots}{6}\right) - \left[\left(\frac{-1 + \dots}{12}\right) - \left(\frac{3 + \dots}{6}\right)\right] =$$

$$= \left(\frac{-\dots}{6}\right) + \left(\frac{\dots}{6}\right) - \left[\left(\frac{\dots}{12}\right) - \left(\frac{4}{6}\right)\right] =$$

$$= -\frac{\dots}{6} + \frac{\dots}{6} - \left[\frac{\dots}{12} - \frac{4}{6}\right] =$$

$$= -\frac{\dots}{6} + \frac{\dots}{6} - \left[\frac{\dots - 8}{12}\right] =$$

$$= -\left[\frac{\dots}{12}\right] = -\frac{\dots}{2}$$

Semplifica le seguenti espressioni.

$$3 \left(3 + \frac{2}{3}\right) - \left(\frac{3}{2} - \frac{4}{9}\right)$$

$$4 \frac{1}{2} + \left[\left(1 - \frac{5}{6}\right) + \left(\frac{3}{2} - \frac{1}{4}\right)\right] - \frac{7}{3}$$

$$5 \left(\frac{1}{2} - \frac{1}{10}\right) + \left(-\frac{4}{5} + \frac{17}{20} - \frac{3}{4}\right) - \frac{1}{2}$$

$$6 \left(-\frac{3}{4} + 6\right) - \left(\frac{9}{2} - \frac{5}{8}\right) - \frac{1}{4}$$

$$7 \left[2 + \left(-1 + \frac{1}{2}\right) + \left(-1 - \frac{3}{4}\right)\right] + 1$$

$$8 \left[2 + \left(\frac{1}{2} - 1\right) - \left(-\frac{1}{4} + 2\right)\right] - 1$$

$$9 \left[-\left[-\frac{3}{4} + \left(-\frac{5}{6} - \frac{1}{8}\right)\right] - \frac{7}{12}\right]$$

$$10 \left(\frac{1}{4} - \frac{2}{5}\right) - \left(\frac{1}{2} + 1\right) - \frac{7}{20} + \left(\frac{4}{5} + \frac{3}{5}\right)$$

$$11 \left(-2 + \frac{1}{2}\right) + \left[-2 + \left(\frac{3}{4} - \frac{1}{8}\right) + \left(5 + \frac{7}{2}\right)\right]$$

$$\left[\frac{47}{18}\right]$$

$$\left[-\frac{5}{12}\right]$$

$$\left[-\frac{4}{5}\right]$$

$$\left[\frac{9}{8}\right]$$

$$\left[\frac{3}{4}\right]$$

$$\left[-\frac{5}{4}\right]$$

$$\left[\frac{9}{8}\right]$$

$$\left[-\frac{3}{5}\right]$$

$$\left[\frac{45}{8}\right]$$

$$432 \quad (0,\bar{3} + 0,35) : \frac{41}{20} + 0,\bar{1}$$

$$\left[\frac{4}{9}\right]$$

$$433 \quad [(0,25)^2 \cdot (0,\bar{6})^2]^2 : (0,1\bar{6})^3$$

$$\left[\frac{1}{6}\right]$$

$$434 \quad [(0,2\bar{6})^3 : (0,4)^3]^2 : \left(\frac{2}{3}\right)^4$$

$$\left[\frac{4}{9}\right]$$

$$435 \quad \{[(0,8)^3 \cdot (0,\bar{5})^3] \cdot (0,6)^6\} \cdot 5^4$$

$$\left[\frac{64}{25}\right]$$