



Numeri relativi – Espressioni con frazioni doppie

Signed Numbers

$$1. \quad \frac{+\frac{1}{4}}{-\frac{3}{-2}} = \left[-\frac{1}{3}\right]$$

$$2. \quad \frac{-\frac{4}{7}}{-\frac{3}{14}} = \left[+\frac{8}{3}\right]$$

$$3. \quad \frac{+\frac{9}{10}}{-\frac{3}{5}} - \frac{-\frac{3}{4}}{-\frac{2}{9}} = \left[-\frac{7}{6}\right]$$

$$4. \quad \frac{+\frac{1}{5}}{-\frac{3}{2}} - \frac{+\frac{3}{4} \cdot \left(-\frac{2}{3}\right)}{-\frac{5}{2}} = \left[-\frac{1}{3}\right]$$

$$5. \quad \frac{-\frac{2}{3}}{\frac{2}{3}} + \frac{-\frac{3}{8} \cdot \left(\frac{2}{3} - 2\right)}{-\frac{3}{2}} = \left[-\frac{4}{3}\right]$$

$$6. \quad \frac{-1 + \frac{13}{18}}{1 + \frac{1}{9}} + \frac{\frac{7}{16}}{-\frac{21}{20}} = \left[-\frac{2}{3}\right]$$

$$7. \quad \frac{\left(\frac{3}{4} + 1 - \frac{7}{5}\right) - \left(1 - \frac{3}{4} - \frac{1}{10}\right)}{\left(\frac{2}{3} + \frac{3}{4} - \frac{1}{6}\right) \cdot \left(-\frac{8}{10}\right)} = \left[-\frac{1}{5}\right]$$

$$8. \quad -1 + \frac{\left(-\frac{1}{3} - 1\right) + \left(\frac{1}{5} - 1\right) : \left(\frac{2}{5} - 1\right)}{\left(\frac{1}{3} - 1\right) : \left(\frac{1}{5} - 1\right)} = [0]$$

$$9. \quad \frac{\left(\frac{3}{4} + 1 - \frac{7}{5}\right) \cdot \left(-\frac{7}{3} + \frac{34}{21}\right) \div \left(-\frac{6}{5}\right)}{\left(\frac{5}{4} + \frac{5}{3}\right) \cdot \left(-\frac{1}{3} - \frac{3}{7}\right) \cdot \left(-\frac{1}{4}\right)} = \left[\frac{3}{8}\right]$$



$$10. \left(-\frac{3}{8}\right)^2 \div \frac{12}{\frac{7}{3}} \cdot \left(-\frac{2}{3}\right)^3 - 1 = \left[-\frac{7}{6}\right]$$

$$11. \left(\frac{\frac{1}{3} + \frac{1}{4}}{\frac{2}{3} : \frac{4}{3}}\right)^2 - 2 \cdot \left(\frac{\frac{1}{4} - \frac{1}{3}}{\frac{2}{7} : \frac{4}{7}}\right)^2 = \left[\frac{47}{36}\right]$$

$$12. -\frac{1}{\frac{2}{3} - 1} + \frac{2 \cdot \left(\frac{1}{3} - 1\right)}{3} = \left[\frac{23}{9}\right]$$

$$13. -\frac{\left(\frac{1}{3} - 1\right) : \left(-\frac{1}{3} - 1\right)}{\frac{1}{4} - 1} + \frac{\left(\frac{1}{5} - 2\right) : \left(\frac{2}{5} - 1\right)}{\left(\frac{1}{5} - 1\right)} = \left[-\frac{37}{12}\right]$$

$$14. \frac{3 \cdot \left(\frac{1}{4} - 5\right)}{4} - \frac{4 \cdot \left(\frac{1}{8} - 2\right)}{5} + \frac{-\frac{10}{8} + 10}{10} = \left[-\frac{19}{16}\right]$$