

Operații cu Numere Raționale

TEMA 1

CALCULAȚI

$$-\frac{3}{4} - \frac{7}{4} = ?$$

$$-\frac{5}{6} + \frac{11}{6} = ?$$

$$-\frac{8}{3} + \frac{2}{3} = ?$$

$$-\frac{1}{2} + \frac{5}{2} = ?$$

$$\frac{15}{-7} - \frac{3}{-7} = ?$$

$$\frac{-5}{-9} - \frac{-11}{-9} = ?$$

$$-\frac{13}{8} + (-\frac{11}{8}) = ?$$

$$-\frac{8}{5} - (-\frac{11}{5}) = ?$$

$$-\frac{7}{6} + \frac{5}{4} = ?$$

$$\frac{2}{9} - (+\frac{7}{6}) = ?$$

$$(-\frac{36}{14}) + (-\frac{15}{21}) = ?$$

$$-\frac{25}{20} + 0.25 = ?$$

$$1\frac{3}{8} + (-2\frac{1}{4}) = ?$$

$$-1 \cdot (6) + \frac{4}{6} = ?$$

$$\frac{5}{6} - 0.125 = ?$$

$$-\frac{2}{3} - 0.2(9) = ?$$

$$-\frac{17}{51} + \frac{108}{216} + (-\frac{13}{65}) = ?$$

$$-\frac{2}{3} - (-\frac{1}{2} + \frac{3}{4}) = ?$$

$$-\frac{3}{8} \cdot (-\frac{20}{9}) = ?$$

$$1\frac{2}{5} \cdot (-1\frac{3}{7}) = ?$$

$$\frac{25}{12} \cdot (-\frac{8}{7}) \cdot \frac{21}{10} = ?$$

$$-\frac{13}{4} - (-\frac{15}{8}) \cdot (-\frac{4}{5}) = ?$$

$$\frac{2}{5} \cdot (-1.25) = ? \quad \frac{5}{6} \cdot \left(-\frac{4}{5}\right) - \frac{3}{8} \cdot \left(-\frac{6}{9}\right) = ?$$

$$\frac{24}{17} : \left(-\frac{8}{51}\right) = ? \quad \left(-\frac{6}{10}\right) : \left(-\frac{5}{3}\right) \cdot \frac{7}{4} = ?$$

$$\left(-\frac{21}{2}\right) : (-7) : \frac{27}{8} = ? \quad \left(-\frac{6}{10}\right) : \left[\left(-\frac{5}{3}\right) \cdot \frac{7}{4}\right] = ?$$

$$1.44 : (-0.12) = ? \quad [-1 \cdot (26)] : [-0 \cdot (225)] = ?$$

$$\left(1 - 1\frac{2}{3}\right) : \left(3\frac{1}{6} - 4\right) = ? \quad \left(1 - 1\frac{2}{3}\right) : 3\frac{1}{6} - 4 = ?$$

$$-3 - \left(\frac{-4}{9}\right) \cdot \left(\frac{3}{-8}\right) + 2 : \left(-\frac{1}{6} + \frac{3}{4}\right) = ?$$

$$-3 - \left[\left(\frac{-4}{9}\right) \cdot \left(\frac{3}{-8}\right) + 2 : \left(-\frac{1}{6} + \frac{3}{4}\right)\right] = ?$$

$$-3 - \left(\frac{-4}{9}\right) \cdot \left[\left(\frac{3}{-8}\right) + 2 : \left(-\frac{1}{6} + \frac{3}{4}\right)\right] = ?$$

$$-\frac{1}{\frac{3}{4}} + \frac{1}{\frac{3}{4}} = ? \quad \left(-\frac{0.5}{3}\right) - \frac{2}{0 \cdot (3)} = ?$$

$$\frac{1}{1 \cdot 2} + \frac{1}{2 \cdot 3} + \frac{1}{3 \cdot 4} + \dots + \frac{1}{2018 \cdot 2019} = ?$$

$$\frac{3}{2 \cdot 5} + \frac{3}{5 \cdot 8} + \frac{3}{8 \cdot 11} + \dots + \frac{3}{92 \cdot 95} = ?$$

$$\frac{1}{1 \cdot 3} + \frac{1}{3 \cdot 5} + \frac{1}{5 \cdot 7} + \dots + \frac{1}{2019 \cdot 2021} = ?$$

$$\frac{2}{1 \cdot 2} + \frac{2}{2 \cdot 3} + \frac{2}{3 \cdot 4} + \dots + \frac{2}{2018 \cdot 2019} = ?$$

$$\frac{1}{12} + \frac{1}{20} + \frac{1}{30} + \frac{1}{42} + \frac{1}{56} = ?$$