

FRACTIONS : enchaînement d'opérations

Correction

1) Calcule :

$$A = \frac{\frac{-1}{2} + \frac{4}{3}}{\frac{-7}{3}}$$

$$B = \frac{\frac{-4}{15}}{\frac{-4}{5} + \frac{5}{6}}$$

$$A = \left(\frac{-1}{2} + \frac{4}{3}\right) \div \frac{-7}{3}$$

$$B = \frac{-4}{15} \div \left(\frac{-4}{5} + \frac{5}{6}\right)$$

$$A = \left(\frac{-1 \times 3}{2 \times 3} + \frac{4 \times 2}{3 \times 2}\right) \times \frac{3}{-7}$$

$$B = \frac{-4}{15} \div \left(\frac{-4 \times 6}{5 \times 6} + \frac{5 \times 5}{6 \times 5}\right)$$

$$A = \left(\frac{-3}{6} + \frac{8}{6}\right) \times \frac{3}{-7}$$

$$B = \frac{-4}{15} \div \left(\frac{-24}{30} + \frac{25}{30}\right)$$

$$A = \frac{5}{6} \times \frac{3}{-7}$$

$$B = \frac{-4}{15} \div \frac{1}{30}$$

$$A = -\frac{5 \times 3}{3 \times 2 \times 7}$$

$$B = \frac{-4}{15} \times 30$$

$$A = -\frac{5}{14}$$

$$B = -8$$

$$C = \frac{\frac{3}{8} + \frac{1}{4}}{\frac{5}{3} - \frac{3}{4}}$$

$$D = \frac{\frac{-5}{3} - \frac{3}{-2}}{\frac{1}{4} - \frac{-2}{5}}$$

$$C = \left(\frac{3}{8} + \frac{1}{4}\right) \div \left(\frac{5}{3} - \frac{3}{4}\right)$$

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

$$C = \left(\frac{3}{8} + \frac{2}{8}\right) \div \left(\frac{20}{12} - \frac{9}{12}\right)$$

$$D = \left(\frac{-10}{6} + \frac{9}{6}\right) \div \left(\frac{5}{20} + \frac{8}{20}\right)$$

$$C = \frac{5}{8} \div \frac{11}{12}$$

$$D = \frac{-1}{6} \div \frac{13}{20}$$

$$C = \frac{5}{8} \times \frac{12}{11}$$

$$D = \frac{-1}{6} \times \frac{20}{13}$$

$$C = \frac{5 \times 4 \times 3}{4 \times 2 \times 11}$$

$$D = -\frac{20}{6 \times 13}$$

$$C = \frac{15}{22}$$

$$D = -\frac{10}{39}$$