
Calcul fractionnaire

Exercices d'entraînement

Calculer (on fournira les résultats sous la forme d'une fraction irréductible ou, si possible, sous la forme d'un entier) :

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

$$B = \frac{2 + \frac{1}{3}}{2 - \frac{1}{3}}$$

$$C = \frac{1}{4} + \frac{7}{3} \times \left(-\frac{2}{5}\right) - \frac{5}{4} \times \frac{1}{3}$$

$$D = \frac{15}{-26} \times \frac{-39}{25} \times \frac{-2}{9}$$

$$E = \frac{\frac{1}{2} + \frac{2}{5}}{\frac{3}{4} - \frac{4}{7}}$$

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

$$G = \frac{5 \times \frac{6}{7} - 4}{\frac{-7}{3} - \left(\frac{-1}{2} - \frac{5}{-3}\right)}$$

$$H = \frac{4}{7} + \frac{3}{4} + \frac{2}{7} + \frac{5}{4} + \frac{1}{7}$$

$$I = \frac{-13}{12} + \frac{5}{3} + \frac{-15}{12} + \frac{2}{3}$$

$$J = \frac{-7}{4} + \frac{1}{4} \times \frac{-8}{4}$$

$$K = \frac{5}{14} + \frac{-2}{7} \times \frac{21}{20}$$

$$L = \frac{\frac{1}{3} - \frac{1}{4}}{\frac{1}{4} - \frac{1}{3}}$$

$$M = \frac{\frac{18}{-18} - \frac{15}{30} + \frac{-6}{9}}{\frac{25}{30} - \frac{-14}{12}}$$

$$N = \left(4 - \left(-\frac{5}{6}\right)\right) \times \left(-\frac{3}{4}\right)$$

$$O = \left(-\frac{2}{9}\right) \times \frac{3}{8} \times \left(-\frac{4}{7}\right) \times \frac{5}{6}$$

$$P = \left(\frac{1}{2} + \frac{1}{6}\right) \times \left(\frac{1}{3} + \frac{1}{6}\right) \times \left(\frac{1}{2} + \frac{1}{4}\right) \times \left(\frac{1}{2} + \frac{3}{10}\right)$$

$$Q = \frac{\frac{10}{3} + \frac{4}{7} - \frac{47}{21}}{\frac{8}{3} - 1}$$

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Exercices d'entraînement - Réponses

$$A = \frac{7}{12}$$

$$B = \frac{7}{5}$$

$$C = -\frac{33}{30}$$

$$D = -\frac{1}{5}$$

$$E = \frac{126}{25}$$

$$F = -\frac{10}{93}$$

$$G = -\frac{2}{49}$$

$$H = 3$$

$$I = 0$$

$$J = -\frac{9}{4}$$

$$K = \frac{2}{35}$$

$$L = -1$$

$$M = -\frac{3}{2}$$

$$N = -\frac{29}{8}$$

$$O = \frac{5}{126}$$

$$P = \frac{1}{5}$$

$$Q = 1$$