

Calculer avec des fractions

Exercice 1

Calculer :

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

2. $B = 1 + \frac{1}{4} \times \frac{2}{5}$

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

Exercice 2

Calculer :

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

2. $B = -\frac{2}{7} \times \left(\frac{1}{3} - \frac{1}{2}\right)$

3. $C = \frac{8}{11} \times \left(\frac{-1}{13} + \frac{1}{2}\right) + \frac{5}{13}$

Exercice 3

Calculer :

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

2. $B = \frac{\frac{2}{3} + \frac{1}{2}}{\frac{5}{6}} + 1$

3. $C = \frac{\frac{1}{5} - 2}{\frac{1}{3}} \times \frac{1}{2} - 5$

Exercice 4

Calculer :

$$1. A = \frac{1}{3} - 2 \times \frac{\frac{-2}{3} - 3}{\frac{1}{2}}$$

$$2. B = 1 - \frac{2}{7} \times \left(\frac{1}{3} - 1 \right)$$

$$3. C = \frac{5}{13} \times \left(\frac{1}{11} + \frac{1}{2} \right) + \frac{9}{11}$$

Exercice 5

Calculer :

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

$$2. B = 3 - \frac{2}{5} \times \left(\frac{1}{7} - 1 \right)$$

$$3. C = -\frac{2}{9} \times \left(\frac{-1}{2} - \frac{-1}{3} \right) + \frac{5}{3}$$

Exercice 6

Calculer :

$$1. A = 5 + 4 \times \left(\frac{1}{2} + \frac{1}{4} \right)$$

$$2. B = 3 + \frac{1}{3} \times \left(\frac{2}{5} + \frac{13}{5} \right)$$

$$3. C = \left(\frac{2}{3} + \frac{1}{6} \right) \times 6$$

Exercice 7

Calculer :

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

$$2. B = \frac{\frac{2}{3} + 3}{\frac{5}{6} + 1}$$

$$3. C = \frac{\frac{1}{3} - \frac{7}{3}}{\frac{2}{3} \times \frac{3}{4} - 1}$$

Exercice 8

Calculer :

$$1. A = 6 + 3 \times \left(-\frac{2}{3} + \frac{1}{3} \right)$$

$$2. B = -\frac{9}{2} \times \left(\frac{5}{6} - \frac{1}{6} \right)$$

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

Exercice 9

Calculer :

$$1. A = \frac{\frac{1}{2} + 3 \times \left(-\frac{2}{3} + \frac{1}{2} \right)}{-\frac{1}{6}}$$

$$2. B = \frac{-\frac{2}{5} \times \left(\frac{1}{3} - 1 \right)}{\frac{4}{15}}$$

$$3. C = \frac{\frac{1}{2} - \frac{1}{2} \times \left(\frac{5}{3} + 1 \right)}{-\frac{1}{6}}$$

Exercice 10

Calculer :

$$1. A = \frac{-3 - 5 \times \left(\frac{1}{4} - \frac{1}{2} \right)}{\frac{1}{4}}$$

$$2. B = \frac{1 + 2 \times \left(\frac{3}{10} - \frac{1}{5} \right)}{\frac{1}{5}}$$

$$3. C = \frac{\left(\frac{2}{3} - \frac{1}{6} \right) \times 4}{-\frac{1}{3} + 1}$$