

**EXERCICE 1 :** Donner le résultat en écriture fractionnaire :

a. $\frac{5}{10} + \frac{6}{10} = \frac{\dots}{\dots}$	b. $\frac{1}{100} + \frac{2}{100} = \frac{\dots}{\dots}$	c. $\frac{7}{8} + \frac{7,4}{8} = \frac{\dots}{\dots}$	d. $\frac{1}{6} + \frac{5}{6} = \frac{\dots}{\dots}$	e. $\frac{4}{100} + \frac{40}{100} = \frac{\dots}{\dots}$
f. $\frac{6,2}{10} + \frac{2,8}{10} = \frac{\dots}{\dots}$	g. $\frac{4,1}{3} + \frac{4,02}{3} = \frac{\dots}{\dots}$	h. $\frac{27}{13} + \frac{15}{13} = \frac{\dots}{\dots}$	i. $\frac{94}{29} + \frac{6}{29} = \frac{\dots}{\dots}$	j. $\frac{754}{231} + \frac{157}{231} = \frac{\dots}{\dots}$

**EXERCICE 2 :** Donner le résultat en écriture fractionnaire :

A = $\frac{5 \times 10}{2 \times 10} + \frac{17}{20}$ A = $\frac{50 + 17}{20}$ A = $\frac{67}{20}$	B = $\frac{4 \times \dots}{5 \times \dots} + \frac{3}{10}$ B = $\frac{\dots + 3}{10}$ B = $\frac{\dots}{10}$	C = $\frac{3 \times \dots}{2 \times \dots} + \frac{7}{4}$ C = $\frac{\dots + 7}{4}$ C = $\frac{\dots}{4}$	D = $\frac{5}{6} + \frac{2 \times \dots}{3 \times \dots}$ D = $\frac{5 + \dots}{6}$ D = $\frac{\dots}{6}$
E = $6 \frac{\times \dots}{\times \dots} + \frac{4}{3}$ E = $\frac{\dots + 4}{3}$ E = $\frac{\dots}{3}$	F = $\frac{12}{5} + 7 \frac{\times \dots}{\times \dots}$ F = $\frac{12 + \dots}{5}$ F = $\frac{\dots}{5}$	G = $\frac{5}{6} - \frac{1 \times \dots}{2 \times \dots}$ G = $\frac{5 - \dots}{6}$ G = $\frac{\dots}{6}$	H = $\frac{7 \times \dots}{3 \times \dots} - \frac{13}{12}$ H = $\frac{\dots - 13}{12}$ H = $\frac{\dots}{12}$

**EXERCICE 3 :** Calculer comme dans l' **EXERCICE 2** :

A = $\frac{1}{2} + \frac{1}{4}$	B = $\frac{1}{2} + \frac{5}{6}$	C = $\frac{1}{2} + \frac{3}{10}$	D = $\frac{2}{3} + \frac{1}{6}$	E = $\frac{5}{4} + \frac{7}{2}$
F = $\frac{7}{12} + \frac{5}{3}$	G = $2 + \frac{1}{3}$	H = $\frac{5}{3} + 3$	I = $4 + \frac{7}{5}$	J = $7 + \frac{43}{6}$

**EXERCICE 4 :** Calculer comme dans l' **EXERCICE 3** :

A = $\frac{1}{2} - \frac{1}{6}$	B = $\frac{7}{2} - \frac{5}{4}$	C = $\frac{5}{9} - \frac{1}{3}$	D = $\frac{13}{2} - \frac{1}{4}$	E = $\frac{10}{18} - \frac{1}{6}$
F = $\frac{7}{3} - \frac{13}{15}$	G = $7 - \frac{20}{3}$	H = $\frac{27}{4} - 6$	I = $\frac{17}{7} - 2$	J = $23 - \frac{308}{14}$

## CORRIGE – M. QUET

## EXERCICE 1

a. $\frac{5}{10} + \frac{6}{10} = \frac{11}{10}$	b. $\frac{1}{100} + \frac{2}{100} = \frac{3}{100}$	c. $\frac{7}{8} + \frac{7,4}{8} = \frac{14,4}{8}$	d. $\frac{1}{6} + \frac{5}{6} = \frac{6}{6} = 1$	e. $\frac{4}{100} + \frac{40}{100} = \frac{44}{100}$
f. $\frac{6,2}{10} + \frac{2,8}{10} = \frac{9}{10}$	g. $\frac{4,1}{3} + \frac{4,02}{3} = \frac{8,12}{3}$	h. $\frac{27}{13} + \frac{15}{13} = \frac{42}{13}$	i. $\frac{94}{29} + \frac{6}{29} = \frac{100}{29}$	j. $\frac{754}{231} + \frac{157}{231} = \frac{911}{231}$

## EXERCICE 2

A = $\frac{5 \times 10}{2 \times 10} + \frac{17}{20}$ A = $\frac{50 + 17}{20}$ A = $\frac{67}{20}$	B = $\frac{4 \times 2}{5 \times 2} + \frac{3}{10}$ B = $\frac{8 + 3}{10}$ B = $\frac{11}{10}$	C = $\frac{3 \times 2}{2 \times 2} + \frac{7}{4}$ C = $\frac{6 + 7}{4}$ C = $\frac{13}{4}$	D = $\frac{5}{6} + \frac{2 \times 2}{3 \times 2}$ D = $\frac{5 + 4}{6}$ D = $\frac{9}{6}$
E = $6 \frac{\times 3}{\times 3} + \frac{4}{3}$ E = $\frac{18 + 4}{3}$ E = $\frac{22}{3}$	F = $\frac{15}{5} + 7 \frac{\times 5}{\times 5}$ F = $\frac{12 + 35}{5}$ F = $\frac{47}{5}$	G = $\frac{5}{6} - \frac{1 \times 3}{2 \times 3}$ G = $\frac{5 - 3}{6}$ G = $\frac{2}{6}$	H = $\frac{7 \times 4}{3 \times 4} - \frac{13}{12}$ H = $\frac{28 - 13}{12}$ H = $\frac{15}{12}$

## EXERCICE 3

A = $\frac{1}{2} + \frac{1}{4}$ A = $\frac{1 \times 2}{2 \times 2} + \frac{1}{4}$ A = $\frac{2 + 1}{4}$ A = $\frac{3}{4}$	B = $\frac{1}{2} + \frac{5}{6}$ B = $\frac{1 \times 3}{2 \times 3} + \frac{5}{6}$ B = $\frac{3 + 5}{6}$ B = $\frac{8}{6}$	C = $\frac{1}{2} + \frac{3}{10}$ C = $\frac{1 \times 5}{2 \times 5} + \frac{3}{10}$ C = $\frac{5 + 3}{10}$ C = $\frac{8}{10}$	D = $\frac{2}{3} + \frac{1}{6}$ D = $\frac{2 \times 2}{3 \times 2} + \frac{1}{6}$ D = $\frac{4 + 1}{6}$ D = $\frac{5}{6}$	E = $\frac{5}{4} + \frac{7}{2}$ E = $\frac{5}{4} + \frac{7 \times 2}{2 \times 2}$ E = $\frac{5 + 14}{4}$ E = $\frac{19}{4}$
F = $\frac{7}{12} + \frac{5}{3}$ F = $\frac{7}{12} + \frac{5 \times 4}{3 \times 4}$ F = $\frac{7 + 20}{12}$ F = $\frac{27}{12}$	G = $2 + \frac{1}{3}$ G = $2 \frac{\times 3}{\times 3} + \frac{1}{3}$ G = $\frac{6 + 1}{3}$ G = $\frac{7}{3}$	H = $\frac{5}{3} + 3$ H = $\frac{5}{3} + 3 \frac{\times 3}{\times 3}$ H = $\frac{5 + 9}{3}$ H = $\frac{14}{3}$	I = $4 + \frac{7}{5}$ I = $4 \frac{\times 5}{\times 5} + \frac{7}{5}$ I = $\frac{20 + 7}{5}$ I = $\frac{27}{5}$	J = $7 + \frac{43}{6}$ J = $7 \frac{\times 6}{\times 6} + \frac{43}{6}$ J = $\frac{42 + 43}{6}$ J = $\frac{85}{6}$

## EXERCICE 4

A = $\frac{1}{2} - \frac{1}{6}$ A = $\frac{1 \times 3}{2 \times 3} - \frac{1}{6}$ A = $\frac{3 - 1}{6}$ A = $\frac{2}{6}$	B = $\frac{7}{2} - \frac{5}{4}$ B = $\frac{7 \times 2}{2 \times 2} - \frac{5}{4}$ B = $\frac{14 - 5}{4}$ B = $\frac{9}{4}$	C = $\frac{5}{9} - \frac{1}{3}$ C = $\frac{5}{9} - \frac{1 \times 3}{3 \times 3}$ C = $\frac{5 - 3}{9}$ C = $\frac{2}{9}$	D = $\frac{13}{2} - \frac{1}{4}$ D = $\frac{13 \times 2}{2 \times 2} - \frac{1}{4}$ D = $\frac{26 - 1}{4}$ D = $\frac{25}{4}$	E = $\frac{10}{18} - \frac{1}{6}$ E = $\frac{10}{18} - \frac{1 \times 3}{6 \times 3}$ E = $\frac{10 - 3}{18}$ E = $\frac{7}{18}$
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$$F = \frac{7}{3} - \frac{13}{15}$$

$$F = \frac{7 \times 5}{3 \times 5} - \frac{13}{15}$$

$$F = \frac{35 - 13}{15}$$

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

$$G = 7 - \frac{20}{3}$$

$$G = 7 \frac{\times 3}{\times 3} - \frac{20}{3}$$

$$G = \frac{21 - 20}{3}$$

$$G = \frac{1}{3}$$

$$H = \frac{27}{4} - 6$$

$$H = \frac{27}{4} - \frac{6 \times 4}{\times 4}$$

$$H = \frac{27 - 24}{4}$$

$$H = \frac{3}{4}$$

$$I = \frac{17}{7} - 2$$

$$I = \frac{17}{7} - \frac{2 \times 7}{\times 7}$$

$$I = \frac{17 - 14}{7}$$

$$I = \frac{3}{7}$$

$$J = 23 - \frac{308}{14}$$

$$J = \frac{23 \times 14}{\times 14} - \frac{308}{14}$$

$$J = \frac{322 - 308}{14}$$

$$J = \frac{14}{14} = 1$$