

## التمرين الأول

احسب المجاميع التالية :

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. $-\frac{754}{231} + \frac{-157}{231} = \frac{\dots}{\dots}$

## التمرين الثاني

احسب المجاميع التالية :

A = $-\frac{5 \times 10}{2 \times 10} + \frac{17}{20}$	B = $\frac{4 \times \dots}{5 \times \dots} + \frac{3}{10}$	C = $-\frac{3 \times \dots}{2 \times \dots} + \frac{7}{4}$	D = $\frac{5}{6} + \frac{-2 \times \dots}{3 \times \dots}$
A = $\frac{-50 + 17}{20}$	B = $\frac{\dots + 3}{10}$	C = $\frac{\dots + 7}{4}$	D = $\frac{5 + \dots}{6}$
A = $\frac{-33}{20}$	B = $\frac{\dots}{10}$	C = $\frac{\dots}{4}$	D = $\frac{\dots}{6}$
E = $6 \times \frac{\dots}{\dots} + \frac{4}{3}$	F = $\frac{12}{5} + 7 \times \frac{\dots}{\dots}$	G = $\frac{5}{6} - \frac{1 \times \dots}{2 \times \dots}$	H = $\frac{7 \times \dots}{3 \times \dots} - \frac{13}{12}$
E = $\frac{\dots + 4}{3}$	F = $\frac{12 + \dots}{5}$	G = $\frac{5 - \dots}{6}$	H = $\frac{\dots + 13}{12}$
E = $\frac{\dots}{3}$	F = $\frac{\dots}{5}$	G = $\frac{\dots}{6}$	H = $\frac{\dots}{12}$

## التمرين الثالث

احسب المجاميع التالية :

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 = $7 + (-\frac{43}{6})$

## التمرين الرابع

احسب ما يلي :

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

## التمرين الخامس

احسب المجاميع التالية :

$A = \frac{21}{100} + \frac{65}{100} + \frac{142}{100}$ $A = \frac{228}{100} \left( \begin{array}{l} \div 4 = 57 \\ \div 4 = 25 \end{array} \right)$	$B = -\frac{7}{2} + \frac{5}{2} + \frac{9}{2}$	$C = \frac{11}{5} + \frac{7}{5} + \frac{23}{5}$	$D = \frac{13}{12} + \frac{1}{12} + (-\frac{5}{12})$
$E = -\frac{7}{10} - \frac{3}{10} + \frac{6}{10}$	$F = -\frac{7}{3} - \frac{2}{3} - \frac{4}{3}$	$G = \frac{25}{11} - \frac{13}{11} + \frac{5}{11} - (-\frac{10}{11})$	$H = \frac{39}{49} - (-\frac{12}{49}) + \frac{71}{49} - \frac{63}{49}$

## التمرين السادس

احسب المجاميع التالية :

$A = \frac{2 \times 10}{10 \times 10} + \frac{65}{100} + \frac{4 \times 10}{10 \times 10}$ $A = \frac{20 + 65 + 40}{100}$ $A = \frac{125}{100} \left( \begin{array}{l} \div 25 = 5 \\ \div 25 = 4 \end{array} \right)$	$B = \frac{1}{2} + (-\frac{5}{4}) + \frac{7}{2}$	$C = \frac{10}{3} + \frac{5}{6} + \frac{19}{12}$	$D = -\frac{5}{2} + \frac{11}{18} + (-\frac{5}{3})$
$E = (-\frac{13}{10}) - \frac{45}{100} + (-2)$	$F = (-1) + \frac{7}{3} - \frac{2}{15} - \frac{4}{5}$	$G = 3 - (-\frac{1}{30}) + \frac{1}{5} - \frac{1}{3}$	$H = \frac{7}{2} - 2 - \frac{4}{6} - \frac{1}{12}$