

التمرين الأول

احسب المجاميع التالية :

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

التمرين الثاني

احسب المجاميع التالية :

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

التمرين الثالث

احسب المجاميع التالية :

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| 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 :

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

التمرين الخامس

احسب المجاميع التالية :

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

التمرين السادس

احسب المجاميع التالية :

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

