

الأعداد الكسرية

التمرين 1

قارن الأعداد التالية :

$$\begin{array}{ccccccc} \frac{7}{9} \text{ و } \frac{7,4}{9} & ,, & \frac{4}{100} \text{ و } \frac{40}{100} & ,, & \frac{18}{17} \text{ و } \frac{18}{17} \\ \frac{59}{18} \text{ و } \frac{10}{3} & ,, & \frac{3}{5} \text{ و } \frac{7}{10} & ,, & \frac{2}{100} \text{ و } \frac{19}{1000} \\ 6,5 \text{ و } \frac{13}{2} & ,, & \frac{9}{4} \text{ و } 2 & ,, & \frac{5}{6} \text{ و } \frac{2}{3} & ,, & \frac{1}{2} \text{ و } \frac{3}{4} \end{array}$$

التمرين 2

أختزل ما يلي :

$$\begin{array}{ccccccc} \frac{27}{18} & ,, & \frac{42}{16} & ,, & \frac{12}{144} & ,, & \frac{465}{225} & ,, & \frac{63}{27} \\ \frac{812}{456} & ,, & \frac{2006}{206} & ,, & \frac{225}{360} & ,, & \frac{121}{165} & ,, & \frac{12}{144} \end{array}$$

التمرين 3

أحسب ما يلي :

$$\begin{array}{ccccccc} \frac{40}{100} - \frac{4}{100} & ,, & \frac{1}{6} + \frac{5}{6} & ,, & \frac{27}{13} - \frac{15}{13} & ,, & \frac{94}{29} + \frac{6}{29} \\ \frac{5}{10} + \frac{6}{10} & ,, & \frac{754}{231} - \frac{157}{231} & ,, & \frac{7}{8} + \frac{7,4}{8} & ,, & \frac{6,2}{10} - \frac{2,8}{10} \end{array}$$

التمرين 4

أحسب ما يلي :

$$\begin{array}{ccccccc} \frac{1}{2} - \frac{1}{4} & ,, & \frac{1}{2} + \frac{5}{6} & ,, & \frac{3}{10} - \frac{1}{2} & ,, & \frac{5}{4} + \frac{7}{2} & ,, & \frac{2}{3} - \frac{1}{6} \\ \frac{17}{7} - 2 & ,, & \frac{5}{3} + 3,5 & ,, & \frac{5}{9} + \frac{1}{3} & ,, & \frac{7}{12} + \frac{5}{3} & ,, & \frac{10}{18} - \frac{1}{6} \end{array}$$

التمرين 5

$$\begin{aligned} & \frac{7}{2} + \frac{5}{2} - \frac{9}{2} \quad ,, \quad \frac{13}{12} - \frac{1}{12} + \frac{5}{12} \quad ,, \quad \frac{7}{3} - \frac{2}{3} + \frac{4}{3} \\ & \frac{19}{4} - \left[\frac{1}{2} - \left(\frac{3}{8} - \frac{1}{4} \right) \right] \quad ,, \quad \frac{1}{2} + \frac{5}{4} + \frac{7}{2} \quad ,, \quad \frac{5}{2} - \frac{11}{18} + \frac{5}{3} \\ & \frac{24}{15} - \left[\frac{2}{3} - \left(\frac{11}{5} - 2 \right) \right] \quad ,, \quad \frac{7}{2} - 2 - \frac{4}{6} - \frac{1}{12} \quad ,, \quad 1 - \left(\frac{25}{42} - \frac{2}{7} \right) + \frac{5}{3} \end{aligned}$$

التمرين 6

أحسب ما يلي :

$$\begin{aligned} & \frac{7}{6} \times \frac{1}{4} \quad ,, \quad \frac{11}{4} \times \frac{9}{13} \quad ,, \quad \frac{5}{7} \times \frac{6}{5} \quad ,, \quad \frac{13}{2} \times \frac{2}{19} \\ & \frac{6}{7} \times 1,4 \times \frac{5}{7} \quad ,, \quad \frac{10}{9} \times 11 \times \frac{3}{2} \quad ,, \quad \frac{4}{5} \times 5 \quad ,, \quad 9,3 \times \frac{4}{25} \end{aligned}$$