

Exercice - Addition et soustraction de nombres rationnels

1 - Calculer:

$$\frac{5}{9} + \frac{4}{7} = \frac{\dots}{\dots} + \frac{\dots}{\dots} = \frac{\dots}{\dots}$$

$$\frac{7}{8} + \frac{7}{9} = \frac{\dots}{\dots} + \frac{\dots}{\dots} = \frac{\dots}{\dots}$$

$$\frac{4}{9} + \frac{7}{4} = \frac{\dots}{\dots} + \frac{\dots}{\dots} = \frac{\dots}{\dots}$$

$$\frac{8}{7} + \frac{9}{2} = \frac{\dots}{\dots} + \frac{\dots}{\dots} = \frac{\dots}{\dots}$$

$$9 + \frac{9}{5} = \frac{\dots}{\dots} + \frac{\dots}{\dots} = \frac{\dots}{\dots}$$

$$7 + \frac{5}{9} = \frac{\dots}{\dots} + \frac{\dots}{\dots} = \frac{\dots}{\dots}$$

$$5 + \frac{9}{8} = \frac{\dots}{\dots} + \frac{\dots}{\dots} = \frac{\dots}{\dots}$$

2 - Calculer:

$$\frac{4}{9} - \frac{3}{8} = \frac{\dots}{\dots} - \frac{\dots}{\dots} = \frac{\dots}{\dots}$$

$$\frac{8}{3} - \frac{7}{5} = \frac{\dots}{\dots} - \frac{\dots}{\dots} = \frac{\dots}{\dots}$$

$$7 - \frac{5}{2} = \frac{\dots}{\dots} - \frac{\dots}{\dots} = \frac{\dots}{\dots}$$

$$\frac{8}{3} - 2 = \frac{\dots}{\dots} - \frac{\dots}{\dots} = \frac{\dots}{\dots}$$

$$\frac{7}{5} - \frac{2}{9} = \frac{\dots}{\dots} - \frac{\dots}{\dots} = \frac{\dots}{\dots}$$

$$\frac{7}{4} - \frac{5}{3} = \frac{\dots}{\dots} - \frac{\dots}{\dots} = \frac{\dots}{\dots}$$

$$6 - \frac{9}{8} = \frac{\dots}{\dots} - \frac{\dots}{\dots} = \frac{\dots}{\dots}$$

Correction - Addition et soustraction de nombres rationnels

1 - Calculer:

$$\frac{5}{9} + \frac{4}{7} = \frac{35}{63} + \frac{36}{63} = \frac{71}{63}$$

$$\frac{7}{8} + \frac{7}{9} = \frac{63}{72} + \frac{56}{72} = \frac{119}{72}$$

$$\frac{4}{9} + \frac{7}{4} = \frac{16}{36} + \frac{63}{36} = \frac{79}{36}$$

$$\frac{8}{7} + \frac{9}{2} = \frac{16}{14} + \frac{63}{14} = \frac{79}{14}$$

$$9 + \frac{9}{5} = \frac{45}{5} + \frac{9}{5} = \frac{54}{5}$$

$$7 + \frac{5}{9} = \frac{63}{9} + \frac{5}{9} = \frac{68}{9}$$

$$5 + \frac{9}{8} = \frac{40}{8} + \frac{9}{8} = \frac{49}{8}$$

2 - Calculer:

$$\frac{4}{9} - \frac{3}{8} = \frac{32}{72} - \frac{27}{72} = \frac{5}{72}$$

$$\frac{8}{3} - \frac{7}{5} = \frac{40}{15} - \frac{21}{15} = \frac{19}{15}$$

$$7 - \frac{5}{2} = \frac{14}{2} - \frac{5}{2} = \frac{9}{2}$$

$$\frac{8}{3} - 2 = \frac{8}{3} - \frac{6}{3} = \frac{2}{3}$$

$$\frac{7}{5} - \frac{2}{9} = \frac{63}{45} - \frac{10}{45} = \frac{53}{45}$$

$$\frac{7}{4} - \frac{5}{3} = \frac{21}{12} - \frac{20}{12} = \frac{1}{12}$$

$$6 - \frac{9}{8} = \frac{48}{8} - \frac{9}{8} = \frac{39}{8}$$