

Exercice - Addition et soustraction de nombres rationnels

1 - Calculer:

$$\frac{3}{4} + \frac{7}{6} = \frac{\dots}{\dots} + \frac{\dots}{\dots} = \frac{\dots}{\dots}$$

$$\frac{3}{10} + \frac{7}{12} = \frac{\dots}{\dots} + \frac{\dots}{\dots} = \frac{\dots}{\dots}$$

$$5 + \frac{6}{5} = \frac{\dots}{\dots} + \frac{\dots}{\dots} = \frac{\dots}{\dots}$$

$$2 + \frac{5}{4} = \frac{\dots}{\dots} + \frac{\dots}{\dots} = \frac{\dots}{\dots}$$

$$\frac{11}{24} + \frac{9}{8} = \frac{\dots}{\dots} + \frac{\dots}{\dots} = \frac{\dots}{\dots} = \frac{\dots}{\dots}$$

$$\frac{5}{9} + 2.25 = \frac{\dots}{\dots} + \frac{\dots}{\dots} = \frac{\dots}{\dots} + \frac{\dots}{\dots} = \frac{\dots}{\dots} = \frac{\dots}{\dots}$$

$$\frac{2}{7} + 0.6 = \frac{\dots}{\dots} + \frac{\dots}{\dots} = \frac{\dots}{\dots} + \frac{\dots}{\dots} = \frac{\dots}{\dots} = \frac{\dots}{\dots}$$

$$\frac{15}{4} + \frac{3}{2} = \frac{\dots}{\dots} + \frac{\dots}{\dots} = \frac{\dots}{\dots}$$

2 - Calculer:

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

$$\frac{5}{8} - 0.24 = \frac{\dots}{\dots} - \frac{\dots}{\dots} = \frac{\dots}{\dots} - \frac{\dots}{\dots} = \frac{\dots}{\dots}$$

$$\frac{9}{10} - \frac{5}{12} = \frac{\dots}{\dots} - \frac{\dots}{\dots} = \frac{\dots}{\dots}$$

$$\frac{25}{18} - \frac{7}{6} = \frac{\dots}{\dots} - \frac{\dots}{\dots} = \frac{\dots}{\dots} = \frac{\dots}{\dots}$$

$$4 - \frac{5}{2} = \frac{\dots}{\dots} - \frac{\dots}{\dots} = \frac{\dots}{\dots}$$

$$0.5 - \frac{2}{9} = \frac{\dots}{\dots} - \frac{\dots}{\dots} = \frac{\dots}{\dots} - \frac{\dots}{\dots} = \frac{\dots}{\dots}$$

$$\frac{39}{25} - \frac{2}{5} = \frac{\dots}{\dots} - \frac{\dots}{\dots} = \frac{\dots}{\dots}$$

$$\frac{9}{10} - \frac{2}{15} = \frac{\dots}{\dots} - \frac{\dots}{\dots} = \frac{\dots}{\dots}$$

Correction - Addition et soustraction de nombres rationnels

1 - Calculer:

$$\frac{3}{4} + \frac{7}{6} = \frac{9}{12} + \frac{14}{12} = \frac{23}{12}$$

$$\frac{3}{10} + \frac{7}{12} = \frac{18}{60} + \frac{35}{60} = \frac{53}{60}$$

$$5 + \frac{6}{5} = \frac{25}{5} + \frac{6}{5} = \frac{31}{5}$$

$$2 + \frac{5}{4} = \frac{8}{4} + \frac{5}{4} = \frac{13}{4}$$

$$\frac{11}{24} + \frac{9}{8} = \frac{11}{24} + \frac{27}{24} = \frac{38}{24} = \frac{19}{12}$$

$$\frac{5}{9} + 2.25 = \frac{5}{9} + \frac{225}{100} = \frac{500}{900} + \frac{2025}{900} = \frac{2525}{900} = \frac{101}{36}$$

$$\frac{2}{7} + 0.6 = \frac{2}{7} + \frac{6}{10} = \frac{20}{70} + \frac{42}{70} = \frac{62}{70} = \frac{31}{35}$$

$$\frac{15}{4} + \frac{3}{2} = \frac{15}{4} + \frac{6}{4} = \frac{21}{4}$$

2 - Calculer:

$$4 - \frac{5}{7} = \frac{28}{7} - \frac{5}{7} = \frac{23}{7}$$

$$\frac{5}{8} - 0.24 = \frac{5}{8} - \frac{24}{100} = \frac{125}{200} - \frac{48}{200} = \frac{77}{200}$$

$$\frac{9}{10} - \frac{5}{12} = \frac{54}{60} - \frac{25}{60} = \frac{29}{60}$$

$$\frac{25}{18} - \frac{7}{6} = \frac{25}{18} - \frac{21}{18} = \frac{4}{18} = \frac{2}{9}$$

$$4 - \frac{5}{2} = \frac{8}{2} - \frac{5}{2} = \frac{3}{2}$$

$$0.5 - \frac{2}{9} = \frac{1}{2} - \frac{2}{9} = \frac{9}{18} - \frac{4}{18} = \frac{5}{18}$$

$$\frac{39}{25} - \frac{2}{5} = \frac{39}{25} - \frac{10}{25} = \frac{29}{25}$$

$$\frac{9}{10} - \frac{2}{15} = \frac{27}{30} - \frac{4}{30} = \frac{23}{30}$$