

Chapitre 3

Fractions

Calcul fractionnaire complexe

1) $\frac{2}{3} - \frac{7}{2} \times \frac{3}{7} == \boxed{}$ Sol

2) $\frac{5}{2} + \frac{2}{3} == \boxed{}$ Sol

3) $\frac{\frac{3}{2}}{\frac{2}{2}} = \boxed{}$ Sol

4) $\frac{7}{3} \times \frac{3}{7} == \boxed{}$ Sol

5) $\frac{\frac{3}{8}}{\frac{4}{5}} = \boxed{}$ Sol

6) $\frac{3}{7} - \frac{2}{5} == \boxed{}$ Sol

7) $\frac{5}{2} \times \frac{2}{5} - \frac{2}{7} == \boxed{}$ Sol

8) $\frac{4}{\frac{9}{2}} = \boxed{}$ Sol

① $\frac{2}{3} - \frac{7}{2} \times \frac{3}{7}$

$= \frac{2}{3} - \frac{\cancel{7} \times 3}{2 \times \cancel{7}}$

$= \frac{2 \times 2}{3 \times 2} - \frac{3 \times 3}{2 \times 3}$

$= \frac{4}{6} - \frac{9}{6}$

$$\textcircled{1} \quad \frac{2}{3} - \frac{7}{2} \times \frac{3}{7}$$

$$= \frac{2}{3} - \frac{\cancel{7} \times 3}{2 \times \cancel{7}}$$

$$= \frac{2 \times 2}{3 \times 2} - \frac{3 \times 3}{2 \times 3}$$

$$= \frac{4}{6} - \frac{9}{6}$$

$$= \frac{4-9}{6}$$

$$= -\frac{5}{6}$$

-5/6

$$\textcircled{2} \quad \frac{5 \times 3}{2 \times 3} + \frac{2 \times 2}{3 \times 2}$$

$$= \frac{15}{6} + \frac{4}{6}$$

$$= \frac{19}{6}$$

19/6

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8) $\frac{\frac{4}{9}}{\frac{2}{2}} =$ Sol

$$= \frac{4-9}{6}$$

$$= -\frac{5}{6} \quad -5/6$$

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8) $\frac{\frac{4}{9}}{\frac{1}{2}} =$ Sol

$$\textcircled{3} \quad \frac{4}{\frac{9}{2}}$$

$$= \frac{\frac{4}{1}}{\frac{9}{2}}$$

$$= \frac{4 \times 2}{9 \times 1}$$

$$= \frac{8}{9} \quad 8/9$$

$$\textcircled{4} \quad \frac{\frac{3}{2}}{\frac{5}{2}}$$

③

$$\frac{4}{\frac{9}{2}}$$

$$= \frac{\frac{4}{1}}{\frac{9}{2}}$$

$$= \frac{4 \times 2}{9 \times 1}$$

$$= \frac{8}{9}$$

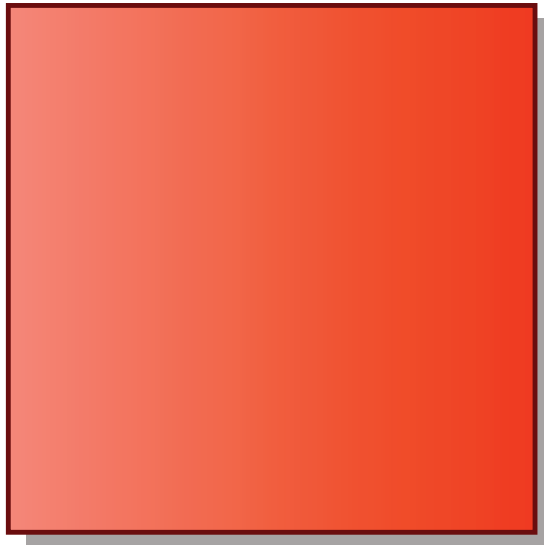
$$8/9$$

④

$$\frac{\frac{3}{2}}{\frac{5}{2}}$$

$$= \frac{3 \times \cancel{2}}{\cancel{2} \times 5}$$

$$= \frac{3}{5}$$



FRACTION_SYNTHESE1_PERSO (Sans calculatrice)