

# Leçon 5: Soustraction des Fractions avec un différent dénominateur

N'oubliez pas... pour faire une addition ou soustraction avec des fractions les dénominateurs doivent être le même.

Exemple 21 :

Soustrais les fractions.

1) $\frac{3 \times 3}{5 \times 3} - \frac{4}{15} = \frac{9}{15} - \frac{4}{15} = \frac{5}{15}$	2) $\frac{3 \times 4}{4 \times 4} - \frac{1}{16} = \frac{12}{16} - \frac{1}{16} = \frac{11}{16}$
3) $\frac{2 \times 2}{3 \times 2} - \frac{3}{6} = \frac{4}{6} - \frac{3}{6} = \frac{1}{6}$	4) $\frac{4}{6} - \frac{1 \times 3}{2 \times 3} = \frac{4}{6} - \frac{3}{6} = \frac{1}{6}$
5) $\frac{3 \times 2}{4 \times 2} - \frac{3}{8} = \frac{6}{8} - \frac{3}{8} = \frac{3}{8}$	6) $\frac{10}{14} - \frac{3 \times 2}{7 \times 2} = \frac{10}{14} - \frac{6}{14} = \frac{4}{14}$
7) $\frac{5 \times 2}{6 \times 2} - \frac{6}{12} = \frac{10}{12} - \frac{6}{12} = \frac{4}{12}$	8) $\frac{11}{16} - \frac{3 \times 2}{8 \times 2} = \frac{11}{16} - \frac{6}{16} = \frac{5}{16}$
9) $\frac{10}{15} - \frac{2 \times 3}{5 \times 3} = \frac{10}{15} - \frac{6}{15} = \frac{4}{15}$	10) $\frac{12 \times 2}{20 \times 2} - \frac{8}{40} = \frac{24}{40} - \frac{8}{40} = \frac{16}{40}$



**Votre Tour 21 :**

Soustrais les fractions.

1) $\frac{2}{4} - \frac{1 \times 2}{2 \times 2} = \frac{2}{4} - \frac{2}{4} = \frac{0}{4}$	2) $\frac{3 \times 2}{4 \times 2} - \frac{2}{8} = \frac{6}{8} - \frac{2}{8} = \frac{4}{8}$
3) $\frac{1 \times 3}{2 \times 3} - \frac{2}{6} = \frac{3}{6} - \frac{2}{6} = \frac{1}{6}$	4) $\frac{5}{6} - \frac{1 \times 3}{2 \times 3} = \frac{5}{6} - \frac{3}{6} = \frac{2}{6}$
5) $\frac{8}{12} - \frac{3 \times 2}{6 \times 2} = \frac{8}{12} - \frac{6}{12} = \frac{2}{12}$	6) $\frac{3 \times 3}{4 \times 3} - \frac{2}{12} = \frac{6}{12} - \frac{2}{12} = \frac{4}{12}$
7) $\frac{2 \times 2}{4 \times 2} - \frac{2}{8} = \frac{4}{8} - \frac{2}{8} = \frac{2}{8}$	8) $\frac{5}{20} - \frac{2 \times 2}{10 \times 2} = \frac{5}{20} - \frac{4}{20} = \frac{1}{20}$
9) $\frac{6}{10} - \frac{1 \times 2}{5 \times 2} = \frac{6}{10} - \frac{2}{10} = \frac{4}{10}$	10) $\frac{7 \times 2}{15 \times 2} - \frac{4}{30} = \frac{14}{30} - \frac{4}{30} = \frac{10}{30}$



**Exemple 22 :**

Effectue les calculs.

$$1) \frac{3 \times 3}{4 \times 3} - \frac{1 \times 2}{6 \times 2} = \frac{9}{12} - \frac{2}{12} = \frac{7}{12}$$

$$2) \frac{1 \times 5}{2 \times 5} - \frac{2 \times 2}{5 \times 2} = \frac{5}{10} - \frac{4}{10} = \frac{1}{10}$$

$$3) \frac{3 \times 3}{5 \times 3} - \frac{1 \times 5}{3 \times 5} = \frac{9}{15} - \frac{5}{15} = \frac{4}{15}$$

$$4) \frac{3 \times 6}{5 \times 6} - \frac{2 \times 5}{6 \times 5} = \frac{18}{30} - \frac{10}{30} = \frac{8}{30}$$

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

$$6) \frac{2 \times 7}{5 \times 7} - \frac{2 \times 5}{7 \times 5} = \frac{14}{35} - \frac{10}{35} = \frac{4}{35}$$

$$7) \frac{2 \times 2}{6 \times 2} - \frac{1 \times 3}{4 \times 3} = \frac{4}{12} - \frac{3}{12} = \frac{1}{12}$$

$$8) \frac{1 \times 7}{2 \times 7} - \frac{3 \times 2}{7 \times 2} = \frac{7}{14} - \frac{6}{14} = \frac{1}{14}$$

$$9) \frac{4 \times 3}{5 \times 3} - \frac{2 \times 5}{3 \times 5} = \frac{12}{15} - \frac{10}{15} = \frac{2}{15}$$

$$10) \frac{5 \times 4}{7 \times 4} - \frac{2 \times 7}{4 \times 7} = \frac{20}{28} - \frac{14}{28} = \frac{6}{28}$$



**Votre Tour 22 :**

Effectue les calculs.

$$1) \frac{5^{+2}}{6^{+2}} - \frac{1^{+3}}{4^{+3}} = \frac{10}{12} - \frac{3}{12} = \frac{7}{12}$$

$$2) \frac{2^{+5}}{3^{+5}} - \frac{3^{+3}}{5^{+3}} = \frac{10}{15} - \frac{9}{15} = \frac{1}{15}$$

$$3) \frac{5^{+3}}{7^{+3}} - \frac{1^{+7}}{3^{+7}} = \frac{15}{21} - \frac{7}{21} = \frac{8}{21}$$

$$4) \frac{3^{+9}}{4^{+9}} - \frac{5^{+4}}{9^{+4}} = \frac{27}{36} - \frac{20}{36} = \frac{7}{36}$$

$$5) \frac{4^{+2}}{5^{+2}} - \frac{1^{+5}}{2^{+5}} = \frac{8}{10} - \frac{5}{10} = \frac{3}{10}$$

$$6) \frac{1^{+7}}{2^{+7}} - \frac{3^{+2}}{7^{+2}} = \frac{7}{14} - \frac{6}{14} = \frac{1}{14}$$

$$7) \frac{2^{+2}}{3^{+2}} - \frac{1^{+3}}{2^{+3}} = \frac{4}{12} - \frac{3}{12} = \frac{1}{12}$$

$$8) \frac{2^{+5}}{3^{+5}} - \frac{2^{+3}}{5^{+3}} = \frac{10}{15} - \frac{6}{15} = \frac{4}{15}$$

$$9) \frac{8}{10} - \frac{4^{+2}}{5^{+2}} = \frac{8}{10} - \frac{8}{10} = \frac{0}{10}$$

$$10) \frac{3^{+7}}{4^{+7}} - \frac{3^{+4}}{7^{+4}} = \frac{21}{28} - \frac{12}{28} = \frac{9}{28}$$

