Exercice - Multiplication et division de nombres rationnels

1 - Calculer:

$\frac{7}{2} \times \frac{8}{9} = \frac{.....}{.....}$

$2 \times \frac{9}{7} = \frac{.....}{.....}$

$\frac{7}{3} \times \frac{4}{9} = \frac{.....}{.....}$

$6 \times \frac{2}{5} = \frac{.....}{.....}$

$\frac{2}{9} \times \frac{8}{5} = \frac{.....}{.....}$

$\frac{6}{5} \times \frac{6}{5} = \frac{.....}{.....}$

$6 \times \frac{8}{5} = \frac{.....}{.....}$

2 - Calculer:

$\frac{8}{9} : \frac{3}{7} = \frac{.....}{.....} \ldots \frac{.....}{.....} = \frac{.....}{.....}$

$\frac{9}{7} : \frac{5}{9} = \frac{.....}{.....} \ldots \frac{.....}{.....} = \frac{.....}{.....}$

$\frac{9}{8} : 7 = \frac{.....}{.....} \ldots \frac{.....}{.....} = \frac{.....}{.....}$

$\frac{8}{7} : 3 = \frac{.....}{.....} \ldots \frac{.....}{.....} = \frac{.....}{.....}$

$\frac{2}{3} : \frac{3}{5} = \frac{.....}{.....} \ldots \frac{.....}{.....} = \frac{.....}{.....}$

$\frac{2}{9} : 5 = \frac{.....}{.....} \ldots \frac{.....}{.....} = \frac{.....}{.....}$

$\frac{6}{7} : \frac{5}{6} = \frac{.....}{.....} \ldots \frac{.....}{.....} = \frac{.....}{.....}$

Correction - Multiplication et division de nombres rationnels

1 - Calculer:

$\frac{7}{2} \times \frac{8}{9} = \frac{56}{18}$

$2 \times \frac{9}{7} = \frac{18}{7}$

$\frac{7}{3} \times \frac{4}{9} = \frac{28}{27}$

$6 \times \frac{2}{5} = \frac{12}{5}$

$\frac{2}{9} \times \frac{8}{5} = \frac{16}{45}$

$\frac{6}{5} \times \frac{6}{5} = \frac{36}{25}$

$6 \times \frac{8}{5} = \frac{48}{5}$

2 - Calculer:

$\frac{8}{9} : \frac{3}{7} = \frac{8}{9} \times \frac{7}{3} = \frac{56}{27}$

$\frac{9}{7} : \frac{5}{9} = \frac{9}{7} \times \frac{9}{5} = \frac{81}{35}$

$\frac{9}{8} : 7 = \frac{9}{8} \times \frac{1}{7} = \frac{9}{56}$

$\frac{8}{7} : 3 = \frac{8}{7} \times \frac{1}{3} = \frac{8}{21}$

$\frac{2}{3} : \frac{3}{5} = \frac{2}{3} \times \frac{5}{3} = \frac{10}{9}$

$\frac{2}{9} : 5 = \frac{2}{9} \times \frac{1}{5} = \frac{2}{45}$

$\frac{6}{7} : \frac{5}{6} = \frac{6}{7} \times \frac{6}{5} = \frac{36}{35}$