

**EXERCICE 1B.1**

Calculer :

$A = \frac{1}{4} - \frac{3}{4}$	$B = \frac{3}{2} - \frac{1}{4}$
$C = \frac{1}{2} + \frac{4}{3}$	$D = \frac{5}{-2} - \frac{3}{5}$
$E = \frac{-5}{-3} + \frac{2}{-7}$	$F = -\frac{-1}{6} - \frac{5}{-4}$

**EXERCICE 1B.2**

Calculer :

$A = \frac{-2}{5} \times \frac{-3}{-7}$	$B = \frac{7}{-6} \times \frac{3}{-4}$
$C = \frac{-9}{2} \div \frac{3}{-5}$	$D = \frac{1}{-8} \div \frac{-7}{-21}$
$E = \frac{-4}{-5} \div \frac{7}{-13}$	$F = \frac{15}{-7} \times \frac{-14}{-3}$

**EXERCICE 1B.3**

Calculer :

a. $\left(\frac{3}{2}\right)^2 =$	b. $\left(\frac{4}{5}\right)^2 =$
c. $\left(\frac{-5}{6}\right)^2 =$	d. $\left(\frac{7}{-8}\right)^2 =$
e. $\left(\frac{-4}{-3}\right)^2 =$	f. $\left(\frac{-9}{8}\right)^2 =$

**EXERCICE 1B.4**

Calculer :

a. $\frac{1}{4}\left(\frac{3}{2}\right)^2 =$	=
b. $\frac{-7}{3}\left(-\frac{5}{4}\right)^2 =$	=
c. $\frac{2}{5}\left(-\frac{1}{3}\right)^2 =$	=
d. $\frac{1}{-8}\left(\frac{-5}{-3}\right)^2 =$	=
e. $-\frac{3}{4}\left(-\frac{4}{-3}\right)^2 =$	=

**EXERCICE 1B.5**

Calculer :

$A = \frac{2}{5} \times \frac{3}{4} - \frac{6}{5} \times \frac{7}{4}$	$B = \left(\frac{3}{2}\right)^2 - \left(\frac{5}{4}\right)^2$
$C = 5\left(\frac{3}{2}\right)^2 - 3 \times \frac{5}{4}$	$D = \frac{1}{4}\left(\frac{3}{2}\right)^2 - \frac{6}{5}\left(\frac{5}{4}\right)^2$