

# Calcul mental

Nombres en écriture fractionnaire :  
Somme et différence

Entraînement 1

$\frac{6}{5} + \frac{2}{5}$	

$\frac{8}{9} - \frac{10}{9}$	

$\frac{5}{13} + \frac{6}{13}$	

	$\frac{8}{3} - \frac{1}{3}$

	$\frac{1}{2} + \frac{1}{4}$

	$\frac{7}{10} + \frac{7}{10}$

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$\frac{6}{5} + \frac{2}{5}$	

$\frac{6}{5} + \frac{2}{5} = \frac{8}{5}$	

$$\frac{6}{5} + \frac{2}{5} = \frac{8}{5}$$

$$\frac{8}{9} - \frac{10}{9}$$

$$\frac{6}{5} + \frac{2}{5} = \frac{8}{5}$$

$$\frac{8}{9} - \frac{10}{9} = \frac{-2}{9}$$

$\frac{6}{5} + \frac{2}{5} = \frac{8}{5}$	
$\frac{8}{9} - \frac{10}{9} = \frac{-2}{9}$	
$\frac{5}{13} + \frac{6}{13}$	

$$\frac{6}{5} + \frac{2}{5} = \frac{8}{5}$$

$$\frac{8}{9} - \frac{10}{9} = \frac{-2}{9}$$

$$\frac{5}{13} + \frac{6}{13} = \frac{11}{13}$$

$\frac{6}{5} + \frac{2}{5} = \frac{8}{5}$	$\frac{8}{3} - \frac{1}{3}$
$\frac{8}{9} - \frac{10}{9} = \frac{-2}{9}$	
$\frac{5}{13} + \frac{6}{13} = \frac{11}{13}$	

$$\frac{6}{5} + \frac{2}{5} = \frac{8}{5}$$

$$\frac{8}{3} - \frac{1}{3} = \frac{7}{3}$$

$$\frac{8}{9} - \frac{10}{9} = \frac{-2}{9}$$

$$\frac{5}{13} + \frac{6}{13} = \frac{11}{13}$$



$\frac{6}{5} + \frac{2}{5} = \frac{8}{5}$	$\frac{8}{3} - \frac{1}{3} = \frac{7}{3}$
$\frac{8}{9} - \frac{10}{9} = \frac{-2}{9}$	$\frac{1}{2} + \frac{1}{4}$
$\frac{5}{13} + \frac{6}{13} = \frac{11}{13}$	

$\frac{6}{5} + \frac{2}{5} = \frac{8}{5}$	$\frac{8}{3} - \frac{1}{3} = \frac{7}{3}$
$\frac{8}{9} - \frac{10}{9} = \frac{-2}{9}$	$\frac{1}{2} + \frac{1}{4} = \frac{3}{4}$
$\frac{5}{13} + \frac{6}{13} = \frac{11}{13}$	

$\frac{6}{5} + \frac{2}{5} = \frac{8}{5}$	$\frac{8}{3} - \frac{1}{3} = \frac{7}{3}$
$\frac{8}{9} - \frac{10}{9} = \frac{-2}{9}$	$\frac{1}{2} + \frac{1}{4} = \frac{3}{4}$
$\frac{5}{13} + \frac{6}{13} = \frac{11}{13}$	$\frac{7}{10} + \frac{7}{10}$

$\frac{6}{5} + \frac{2}{5} = \frac{8}{5}$	$\frac{8}{3} - \frac{1}{3} = \frac{7}{3}$
$\frac{8}{9} - \frac{10}{9} = \frac{-2}{9}$	$\frac{1}{2} + \frac{1}{4} = \frac{3}{4}$
$\frac{5}{13} + \frac{6}{13} = \frac{11}{13}$	$\frac{7}{10} + \frac{7}{10} = \frac{14}{10} = \frac{7}{5}$

# Calcul mental

Nombres en écriture fractionnaire :  
Somme et différence

Entraînement 2

$\frac{2}{7} + \frac{3}{7}$	

$$\frac{8}{11} - \frac{5}{11}$$

$\frac{1}{6} + \frac{2}{6}$	



	$\frac{13}{7} - \frac{6}{7}$

	$\frac{17}{25} + \frac{3}{25}$

	$\frac{3}{10} + \frac{5}{10}$

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$\frac{2}{7} + \frac{3}{7}$	

$\frac{2}{7} + \frac{3}{7} = \frac{5}{7}$	

$$\frac{2}{7} + \frac{3}{7} = \frac{5}{7}$$

$$\frac{8}{11} - \frac{5}{11}$$

$$\frac{2}{7} + \frac{3}{7} = \frac{5}{7}$$

$$\frac{8}{11} - \frac{5}{11} = \frac{3}{11}$$



$\frac{2}{7} + \frac{3}{7} = \frac{5}{7}$	
$\frac{8}{11} - \frac{5}{11} = \frac{3}{11}$	
$\frac{1}{6} + \frac{2}{6}$	

$$\frac{2}{7} + \frac{3}{7} = \frac{5}{7}$$

$$\frac{8}{11} - \frac{5}{11} = \frac{3}{11}$$

$$\frac{1}{6} + \frac{2}{6} = \frac{3}{6} = \frac{1}{2}$$

$\frac{2}{7} + \frac{3}{7} = \frac{5}{7}$	$\frac{13}{7} - \frac{6}{7}$
$\frac{8}{11} - \frac{5}{11} = \frac{3}{11}$	
$\frac{1}{6} + \frac{2}{6} = \frac{3}{6} = \frac{1}{2}$	



$\frac{2}{7} + \frac{3}{7} = \frac{5}{7}$	$\frac{13}{7} - \frac{6}{7} = \frac{7}{7} = 1$
$\frac{8}{11} - \frac{5}{11} = \frac{3}{11}$	$\frac{17}{25} + \frac{3}{25}$
$\frac{1}{6} + \frac{2}{6} = \frac{3}{6} = \frac{1}{2}$	



$\frac{2}{7} + \frac{3}{7} = \frac{5}{7}$	$\frac{13}{7} - \frac{6}{7} = \frac{7}{7} = 1$
$\frac{8}{11} - \frac{5}{11} = \frac{3}{11}$	$\frac{17}{25} + \frac{3}{25} = \frac{20}{25} = \frac{4}{5}$
$\frac{1}{6} + \frac{2}{6} = \frac{3}{6} = \frac{1}{2}$	$\frac{3}{10} + \frac{5}{10}$

$\frac{2}{7} + \frac{3}{7} = \frac{5}{7}$	$\frac{13}{7} - \frac{6}{7} = \frac{7}{7} = 1$
$\frac{8}{11} - \frac{5}{11} = \frac{3}{11}$	$\frac{17}{25} + \frac{3}{25} = \frac{20}{25} = \frac{4}{5}$
$\frac{1}{6} + \frac{2}{6} = \frac{3}{6} = \frac{1}{2}$	$\frac{3}{10} + \frac{5}{10} = \frac{8}{10} = \frac{4}{5}$



# Calcul mental

## Nombres en écriture fractionnaire : Somme et différence

Entraînement 3

$$\frac{8}{9} + \frac{4}{9}$$

$\frac{8}{9} + \frac{4}{9}$	

$\frac{4}{9} - \frac{1}{3}$	

$\frac{7}{11} + \frac{5}{11}$	



	$\frac{4}{5} + \frac{2}{15}$

	$\frac{5}{6} + \frac{11}{12}$

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$\frac{8}{9} + \frac{4}{9}$	

$\frac{8}{9} + \frac{4}{9} = \frac{12}{9} = \frac{4}{3}$	

$$\frac{8}{9} + \frac{4}{9} = \frac{12}{9} = \frac{4}{3}$$

$$\frac{4}{9} - \frac{1}{3}$$

$$\frac{8}{9} + \frac{4}{9} = \frac{12}{9} = \frac{4}{3}$$

$$\frac{4}{9} - \frac{1}{3} = \frac{1}{9}$$

$$\frac{8}{9} + \frac{4}{9} = \frac{12}{9} = \frac{4}{3}$$

$$\frac{4}{9} - \frac{1}{3} = \frac{1}{9}$$

$$\frac{7}{11} + \frac{5}{11}$$

$$\frac{8}{9} + \frac{4}{9} = \frac{12}{9} = \frac{4}{3}$$

$$\frac{4}{9} - \frac{1}{3} = \frac{1}{9}$$

$$\frac{7}{11} + \frac{5}{11} = \frac{12}{11}$$

$$\frac{8}{9} + \frac{4}{9} = \frac{12}{9} = \frac{4}{3}$$

$$\frac{3}{4} - \frac{1}{2}$$

$$\frac{4}{9} - \frac{1}{3} = \frac{1}{9}$$

$$\frac{7}{11} + \frac{5}{11} = \frac{12}{11}$$

$$\frac{8}{9} + \frac{4}{9} = \frac{12}{9} = \frac{4}{3}$$

$$\frac{3}{4} - \frac{1}{2} = \frac{1}{4}$$

$$\frac{4}{9} - \frac{1}{3} = \frac{1}{9}$$

$$\frac{7}{11} + \frac{5}{11} = \frac{12}{11}$$



$$\frac{8}{9} + \frac{4}{9} = \frac{12}{9} = \frac{4}{3}$$

$$\frac{3}{4} - \frac{1}{2} = \frac{1}{4}$$

$$\frac{4}{9} - \frac{1}{3} = \frac{1}{9}$$

$$\frac{4}{5} + \frac{2}{15}$$

$$\frac{7}{11} + \frac{5}{11} = \frac{12}{11}$$

$$\frac{8}{9} + \frac{4}{9} = \frac{12}{9} = \frac{4}{3}$$

$$\frac{3}{4} - \frac{1}{2} = \frac{1}{4}$$

$$\frac{4}{9} - \frac{1}{3} = \frac{1}{9}$$

$$\frac{4}{5} + \frac{2}{15} = \frac{14}{15}$$

$$\frac{7}{11} + \frac{5}{11} = \frac{12}{11}$$

$$\frac{8}{9} + \frac{4}{9} = \frac{12}{9} = \frac{4}{3}$$

$$\frac{3}{4} - \frac{1}{2} = \frac{1}{4}$$

$$\frac{4}{9} - \frac{1}{3} = \frac{1}{9}$$

$$\frac{4}{5} + \frac{2}{15} = \frac{14}{15}$$

$$\frac{7}{11} + \frac{5}{11} = \frac{12}{11}$$

$$\frac{5}{6} + \frac{11}{12}$$

$$\frac{8}{9} + \frac{4}{9} = \frac{12}{9} = \frac{4}{3}$$

$$\frac{3}{4} - \frac{1}{2} = \frac{1}{4}$$

$$\frac{4}{9} - \frac{1}{3} = \frac{1}{9}$$

$$\frac{4}{5} + \frac{2}{15} = \frac{14}{15}$$

$$\frac{7}{11} + \frac{5}{11} = \frac{12}{11}$$

$$\frac{5}{6} + \frac{11}{12} = \frac{21}{12} = \frac{7}{4}$$

# Calcul mental

Nombres en écriture fractionnaire :  
Somme et différence

Entraînement 4

$\frac{2}{9} + \frac{1}{9}$	

$\frac{5}{7} - \frac{2}{7}$	

$\frac{3}{11} + \frac{7}{11}$	



	$\frac{5}{4} - \frac{1}{2}$

	$\frac{7}{6} + \frac{2}{3}$



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$\frac{2}{9} + \frac{1}{9}$	

$\frac{2}{9} + \frac{1}{9} = \frac{3}{9} = \frac{1}{3}$	

$\frac{2}{9} + \frac{1}{9} = \frac{3}{9} = \frac{1}{3}$	
$\frac{5}{7} - \frac{2}{7}$	

$$\frac{2}{9} + \frac{1}{9} = \frac{3}{9} = \frac{1}{3}$$

$$\frac{5}{7} - \frac{2}{7} = \frac{3}{7}$$





$$\frac{2}{9} + \frac{1}{9} = \frac{3}{9} = \frac{1}{3}$$

$$\frac{5}{7} - \frac{2}{7} = \frac{3}{7}$$

$$\frac{3}{11} + \frac{7}{11} = \frac{10}{11}$$

$$\frac{2}{9} + \frac{1}{9} = \frac{3}{9} = \frac{1}{3}$$

$$\frac{5}{4} - \frac{1}{2}$$

$$\frac{5}{7} - \frac{2}{7} = \frac{3}{7}$$

$$\frac{3}{11} + \frac{7}{11} = \frac{10}{11}$$

$$\frac{2}{9} + \frac{1}{9} = \frac{3}{9} = \frac{1}{3}$$

$$\frac{5}{4} - \frac{1}{2} = \frac{3}{4}$$

$$\frac{5}{7} - \frac{2}{7} = \frac{3}{7}$$

$$\frac{3}{11} + \frac{7}{11} = \frac{10}{11}$$

$$\frac{2}{9} + \frac{1}{9} = \frac{3}{9} = \frac{1}{3}$$

$$\frac{5}{4} - \frac{1}{2} = \frac{3}{4}$$

$$\frac{5}{7} - \frac{2}{7} = \frac{3}{7}$$

$$\frac{7}{6} + \frac{2}{3}$$

$$\frac{3}{11} + \frac{7}{11} = \frac{10}{11}$$

$$\frac{2}{9} + \frac{1}{9} = \frac{3}{9} = \frac{1}{3}$$

$$\frac{5}{4} - \frac{1}{2} = \frac{3}{4}$$

$$\frac{5}{7} - \frac{2}{7} = \frac{3}{7}$$

$$\frac{7}{6} + \frac{2}{3} = \frac{11}{6}$$

$$\frac{3}{11} + \frac{7}{11} = \frac{10}{11}$$

$$\frac{2}{9} + \frac{1}{9} = \frac{3}{9} = \frac{1}{3}$$

$$\frac{5}{4} - \frac{1}{2} = \frac{3}{4}$$

$$\frac{5}{7} - \frac{2}{7} = \frac{3}{7}$$

$$\frac{7}{6} + \frac{2}{3} = \frac{11}{6}$$

$$\frac{3}{11} + \frac{7}{11} = \frac{10}{11}$$

$$\frac{5}{2} + \frac{3}{8}$$

$$\frac{2}{9} + \frac{1}{9} = \frac{3}{9} = \frac{1}{3}$$

$$\frac{5}{4} - \frac{1}{2} = \frac{3}{4}$$

$$\frac{5}{7} - \frac{2}{7} = \frac{3}{7}$$

$$\frac{7}{6} + \frac{2}{3} = \frac{11}{6}$$

$$\frac{3}{11} + \frac{7}{11} = \frac{10}{11}$$

$$\frac{5}{2} + \frac{3}{8} = \frac{23}{8}$$























	$\frac{4}{5} + \frac{2}{15}$



*Posez votre stylo et faites passer les feuilles devant*

$\frac{6}{5} + \frac{2}{5}$	

$$\frac{6}{5} + \frac{2}{5} = \frac{8}{5}$$

$$\frac{6}{5} + \frac{2}{5} = \frac{8}{5}$$

$$\frac{8}{9} - \frac{10}{9}$$

$$\frac{6}{5} + \frac{2}{5} = \frac{8}{5}$$

$$\frac{8}{9} - \frac{10}{9} = \frac{-2}{9}$$



$$\frac{6}{5} + \frac{2}{5} = \frac{8}{5}$$

$$\frac{8}{9} - \frac{10}{9} = \frac{-2}{9}$$

$$\frac{8}{11} - \frac{5}{11}$$

$$\frac{6}{5} + \frac{2}{5} = \frac{8}{5}$$

$$\frac{8}{9} - \frac{10}{9} = \frac{-2}{9}$$

$$\frac{8}{11} - \frac{5}{11} = \frac{3}{11}$$

$$\frac{6}{5} + \frac{2}{5} = \frac{8}{5}$$

$$\frac{8}{9} - \frac{10}{9} = \frac{-2}{9}$$

$$\frac{8}{11} - \frac{5}{11} = \frac{3}{11}$$

$$\frac{4}{9} - \frac{1}{3}$$

$$\frac{6}{5} + \frac{2}{5} = \frac{8}{5}$$

$$\frac{8}{9} - \frac{10}{9} = \frac{-2}{9}$$

$$\frac{8}{11} - \frac{5}{11} = \frac{3}{11}$$

$$\frac{4}{9} - \frac{1}{3} = \frac{1}{9}$$

$$\frac{6}{5} + \frac{2}{5} = \frac{8}{5}$$

$$\frac{8}{9} - \frac{10}{9} = \frac{-2}{9}$$

$$\frac{8}{11} - \frac{5}{11} = \frac{3}{11}$$

$$\frac{4}{9} - \frac{1}{3} = \frac{1}{9}$$

$$\frac{7}{11} + \frac{5}{11}$$

$\frac{6}{5} + \frac{2}{5} = \frac{8}{5}$	
$\frac{8}{9} - \frac{10}{9} = \frac{-2}{9}$	
$\frac{8}{11} - \frac{5}{11} = \frac{3}{11}$	
$\frac{4}{9} - \frac{1}{3} = \frac{1}{9}$	
$\frac{7}{11} + \frac{5}{11} = \frac{12}{11}$	

$\frac{6}{5} + \frac{2}{5} = \frac{8}{5}$	$\frac{8}{3} - \frac{1}{3}$
$\frac{8}{9} - \frac{10}{9} = \frac{-2}{9}$	
$\frac{8}{11} - \frac{5}{11} = \frac{3}{11}$	
$\frac{4}{9} - \frac{1}{3} = \frac{1}{9}$	
$\frac{7}{11} + \frac{5}{11} = \frac{12}{11}$	

$\frac{6}{5} + \frac{2}{5} = \frac{8}{5}$	$\frac{8}{3} - \frac{1}{3} = \frac{7}{3}$
$\frac{8}{9} - \frac{10}{9} = \frac{-2}{9}$	
$\frac{8}{11} - \frac{5}{11} = \frac{3}{11}$	
$\frac{4}{9} - \frac{1}{3} = \frac{1}{9}$	
$\frac{7}{11} + \frac{5}{11} = \frac{12}{11}$	



$$\frac{6}{5} + \frac{2}{5} = \frac{8}{5}$$

$$\frac{8}{3} - \frac{1}{3} = \frac{7}{3}$$

$$\frac{8}{9} - \frac{10}{9} = \frac{-2}{9}$$

$$\frac{13}{7} - \frac{6}{7}$$

$$\frac{8}{11} - \frac{5}{11} = \frac{3}{11}$$

$$\frac{4}{9} - \frac{1}{3} = \frac{1}{9}$$

$$\frac{7}{11} + \frac{5}{11} = \frac{12}{11}$$

$\frac{6}{5} + \frac{2}{5} = \frac{8}{5}$	$\frac{8}{3} - \frac{1}{3} = \frac{7}{3}$
$\frac{8}{9} - \frac{10}{9} = \frac{-2}{9}$	$\frac{13}{7} - \frac{6}{7} = \frac{7}{7} = 1$
$\frac{8}{11} - \frac{5}{11} = \frac{3}{11}$	
$\frac{4}{9} - \frac{1}{3} = \frac{1}{9}$	
$\frac{7}{11} + \frac{5}{11} = \frac{12}{11}$	

$\frac{6}{5} + \frac{2}{5} = \frac{8}{5}$	$\frac{8}{3} - \frac{1}{3} = \frac{7}{3}$
$\frac{8}{9} - \frac{10}{9} = \frac{-2}{9}$	$\frac{13}{7} - \frac{6}{7} = \frac{7}{7} = 1$
$\frac{8}{11} - \frac{5}{11} = \frac{3}{11}$	$\frac{17}{25} + \frac{3}{25}$
$\frac{4}{9} - \frac{1}{3} = \frac{1}{9}$	
$\frac{7}{11} + \frac{5}{11} = \frac{12}{11}$	

$\frac{6}{5} + \frac{2}{5} = \frac{8}{5}$	$\frac{8}{3} - \frac{1}{3} = \frac{7}{3}$
$\frac{8}{9} - \frac{10}{9} = \frac{-2}{9}$	$\frac{13}{7} - \frac{6}{7} = \frac{7}{7} = 1$
$\frac{8}{11} - \frac{5}{11} = \frac{3}{11}$	$\frac{17}{25} + \frac{3}{25} = \frac{20}{25} = \frac{4}{5}$
$\frac{4}{9} - \frac{1}{3} = \frac{1}{9}$	
$\frac{7}{11} + \frac{5}{11} = \frac{12}{11}$	

$\frac{6}{5} + \frac{2}{5} = \frac{8}{5}$	$\frac{8}{3} - \frac{1}{3} = \frac{7}{3}$
$\frac{8}{9} - \frac{10}{9} = \frac{-2}{9}$	$\frac{13}{7} - \frac{6}{7} = \frac{7}{7} = 1$
$\frac{8}{11} - \frac{5}{11} = \frac{3}{11}$	$\frac{17}{25} + \frac{3}{25} = \frac{20}{25} = \frac{4}{5}$
$\frac{4}{9} - \frac{1}{3} = \frac{1}{9}$	$\frac{4}{5} + \frac{2}{15}$
$\frac{7}{11} + \frac{5}{11} = \frac{12}{11}$	

$\frac{6}{5} + \frac{2}{5} = \frac{8}{5}$	$\frac{8}{3} - \frac{1}{3} = \frac{7}{3}$
$\frac{8}{9} - \frac{10}{9} = \frac{-2}{9}$	$\frac{13}{7} - \frac{6}{7} = \frac{7}{7} = 1$
$\frac{8}{11} - \frac{5}{11} = \frac{3}{11}$	$\frac{17}{25} + \frac{3}{25} = \frac{20}{25} = \frac{4}{5}$
$\frac{4}{9} - \frac{1}{3} = \frac{1}{9}$	$\frac{4}{5} + \frac{2}{15} = \frac{14}{15}$
$\frac{7}{11} + \frac{5}{11} = \frac{12}{11}$	

$\frac{6}{5} + \frac{2}{5} = \frac{8}{5}$	$\frac{8}{3} - \frac{1}{3} = \frac{7}{3}$
$\frac{8}{9} - \frac{10}{9} = \frac{-2}{9}$	$\frac{13}{7} - \frac{6}{7} = \frac{7}{7} = 1$
$\frac{8}{11} - \frac{5}{11} = \frac{3}{11}$	$\frac{17}{25} + \frac{3}{25} = \frac{20}{25} = \frac{4}{5}$
$\frac{4}{9} - \frac{1}{3} = \frac{1}{9}$	$\frac{4}{5} + \frac{2}{15} = \frac{14}{15}$
$\frac{7}{11} + \frac{5}{11} = \frac{12}{11}$	$\frac{5}{4} - \frac{1}{2}$

$\frac{6}{5} + \frac{2}{5} = \frac{8}{5}$	$\frac{8}{3} - \frac{1}{3} = \frac{7}{3}$
$\frac{8}{9} - \frac{10}{9} = \frac{-2}{9}$	$\frac{13}{7} - \frac{6}{7} = \frac{7}{7} = 1$
$\frac{8}{11} - \frac{5}{11} = \frac{3}{11}$	$\frac{17}{25} + \frac{3}{25} = \frac{20}{25} = \frac{4}{5}$
$\frac{4}{9} - \frac{1}{3} = \frac{1}{9}$	$\frac{4}{5} + \frac{2}{15} = \frac{14}{15}$
$\frac{7}{11} + \frac{5}{11} = \frac{12}{11}$	$\frac{5}{4} - \frac{1}{2} = \frac{3}{4}$



$$\frac{6}{5} + \frac{2}{5}$$

$$\frac{8}{9} - \frac{10}{9}$$

$$\frac{8}{11} - \frac{5}{11}$$

$$\frac{4}{9} - \frac{1}{3}$$

$$\frac{7}{11} + \frac{5}{11}$$

$$\frac{8}{3} - \frac{1}{3}$$

$$\frac{13}{7} - \frac{6}{7}$$

$$\frac{17}{25} + \frac{3}{25}$$

$$\frac{4}{5} + \frac{2}{15}$$

$$\frac{5}{4} - \frac{1}{2}$$