

LES FRACTIONS SIMPLES

Exercice 1 : Ecris les fractions suivantes en lettre.

$\frac{1}{4} = \dots$ un quart \dots

$\frac{7}{2} = \dots$ sept demis \dots

$\frac{8}{7} = \dots$ huit septièmes \dots

$\frac{2}{9} = \dots$ deux neuvièmes \dots


$\frac{5}{3} = \dots$ cinq tiers \dots

$\frac{1}{2} = \dots$ un demi \dots



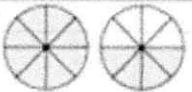


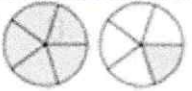
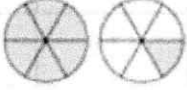

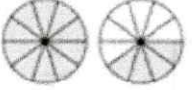

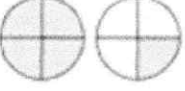
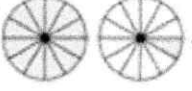


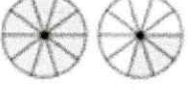
$\frac{4}{8} = \dots$ quatre huitièmes \dots

$\frac{12}{2} = \dots$ douze demis \dots

Exercice 2 : Ecris les fractions représentées dans chaque case.

L'unité : 

l'unité est partagée en 6

A.  $\frac{5}{5}$	B.  $\frac{3}{3}$	C.  $\frac{12}{8}$
D.  $\frac{6}{8}$	E.  $\frac{2}{4}$	F.  $\frac{6}{5}$
G.  $\frac{7}{6}$	H.  $\frac{2}{2}$	I.  $\frac{14}{10}$
J.  $\frac{7}{8}$	K.  $\frac{5}{4}$	L.  $\frac{13}{12}$
M.  $\frac{4}{4}$	N.  $\frac{4}{6}$	O.  $\frac{13}{10}$

car l'unité (1 cercle) est partagée en 8.

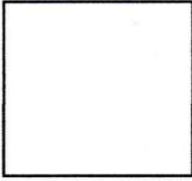
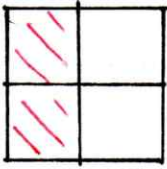
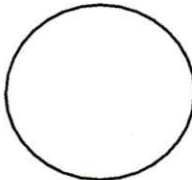

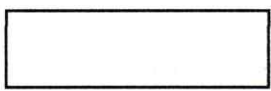
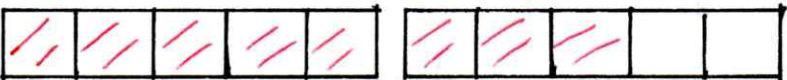
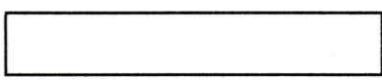
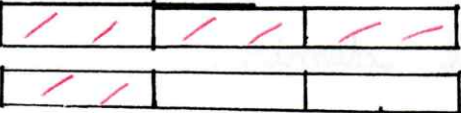
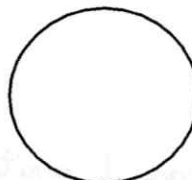
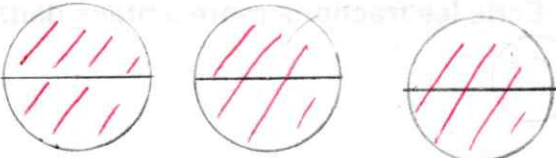

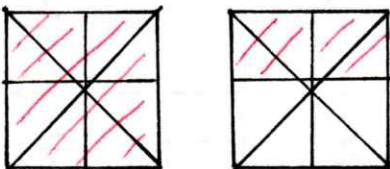
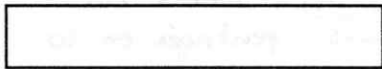
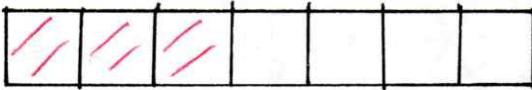
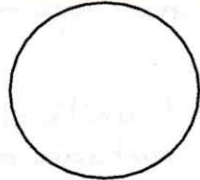

l'unité est partagée en 5

l'unité est partagée en 10

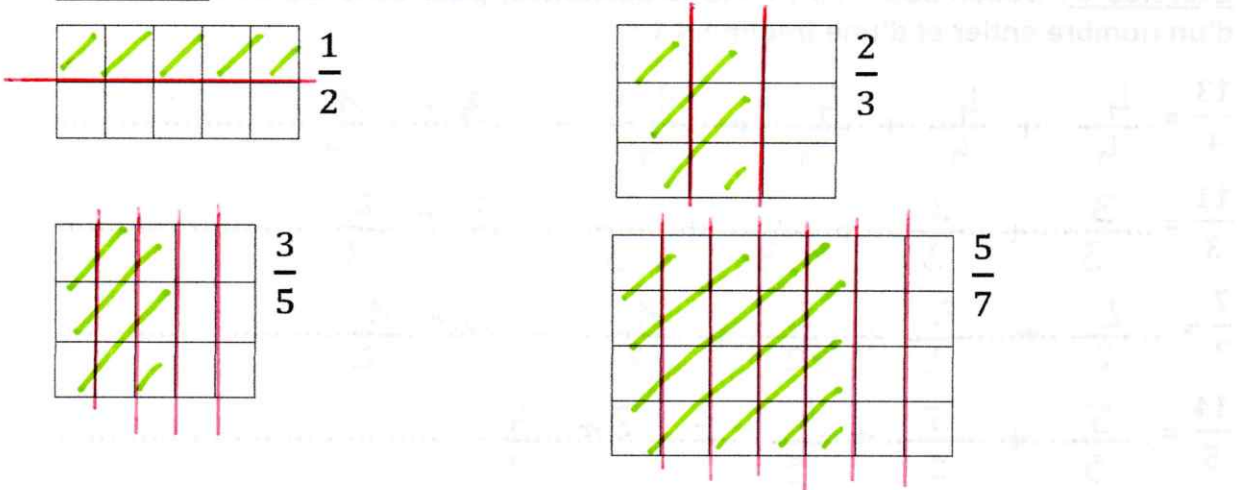
l'unité est partagée en 12

l'unité est partagée en 10

Exercice 3 : Représente les fractions suivantes, à partir de l'unité proposée.

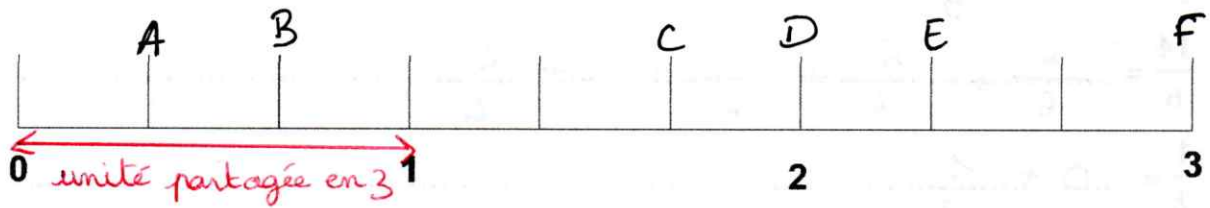
UNITE	Fraction	REPRESENTATION
	$\frac{2}{4}$	
	$\frac{5}{8}$	
	$\frac{8}{5}$	
	$\frac{4}{3}$	
	$\frac{6}{2}$	
	$\frac{12}{8}$	
	$\frac{3}{7}$	
	$\frac{3}{3}$	

Exercice 4 : Colorie la fraction demandée.



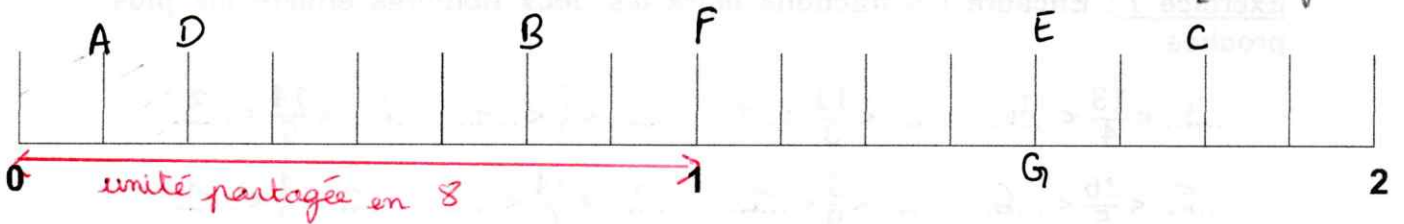
Exercice 5 : Place les fractions sur les droites graduées proposées :

$A = \frac{1}{3}$ $B = \frac{2}{3}$ $C = \frac{5}{3}$ $D = \frac{6}{3}$ $E = \frac{7}{3}$ $F = \frac{9}{3}$



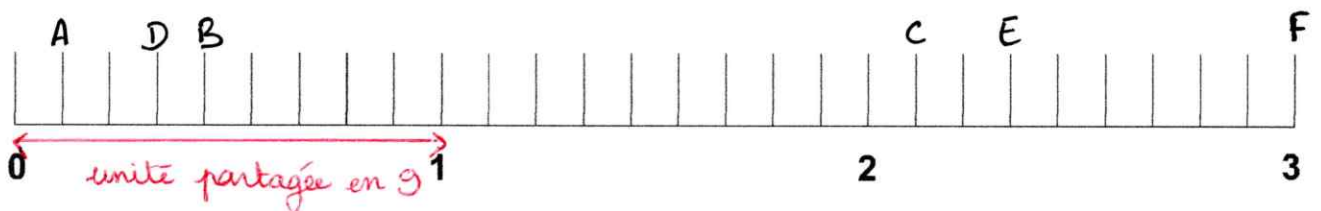
$A = \frac{1}{8}$ $B = \frac{6}{8} u$ $C = \frac{14}{8}$ $D = \frac{1}{4} u$ $E = \frac{6}{4}$ $F = \frac{2}{2} u$ $G = \frac{3}{2} u$

$\frac{1}{4} = 2 \text{ graduations}$
 $\frac{1}{2} = 4 \text{ graduations}$



$A = \frac{1}{9}$ $B = \frac{4}{9}$ $C = \frac{19}{9} u$ $D = \frac{1}{3} u$ $E = \frac{7}{3}$ $F = \frac{9}{3}$

$\frac{1}{3} = 3 \text{ graduations}$



Exercice 6 : Décompose les fractions suivantes, puis écris-les sous la forme d'un nombre entier et d'une fraction < 1 :

$$\frac{13}{4} = \frac{4}{4} + \frac{4}{4} + \frac{4}{4} + \frac{1}{4} = 3 + \frac{1}{4}$$

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

$$\frac{7}{2} = \frac{2}{2} + \frac{2}{2} + \frac{2}{2} + \frac{1}{2} = 3 + \frac{1}{2}$$

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

$$\frac{26}{5} = \frac{5}{5} + \frac{5}{5} + \frac{5}{5} + \frac{5}{5} + \frac{5}{5} + \frac{1}{5} = 5 + \frac{1}{5}$$

$$\frac{3}{9} = 0 + \frac{3}{9}$$

$$\frac{14}{6} = \frac{6}{6} + \frac{6}{6} + \frac{2}{6} = 2 + \frac{2}{6}$$

$$\frac{1}{2} = 0 + \frac{1}{2}$$

Exercice 7 : Encadre les fractions entre les deux nombres entiers les plus proches.

$$3 < \frac{13}{4} < 4 \quad 3 < \frac{11}{3} < 4 \quad 3 < \frac{7}{2} < 4 \quad 2 < \frac{14}{5} < 3$$

$$5 < \frac{26}{5} < 6 \quad 0 < \frac{3}{9} < 1 \quad 2 < \frac{14}{6} < 3 \quad 0 < \frac{1}{2} < 1$$