

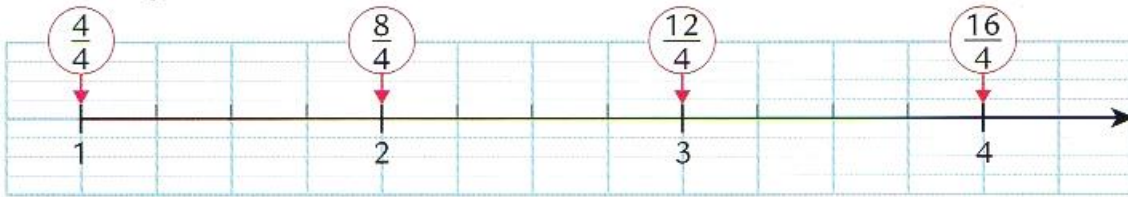


Nombres et calculs : Les fractions simples
Repérer et placer des fractions sur une demi-droite graduée

CM2

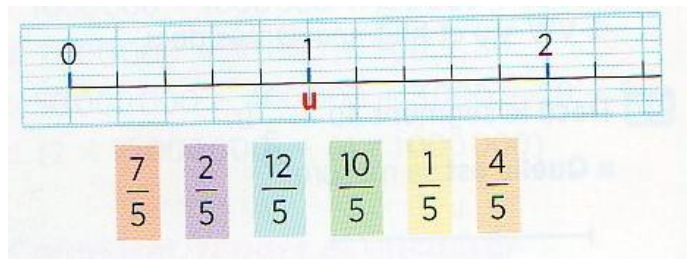
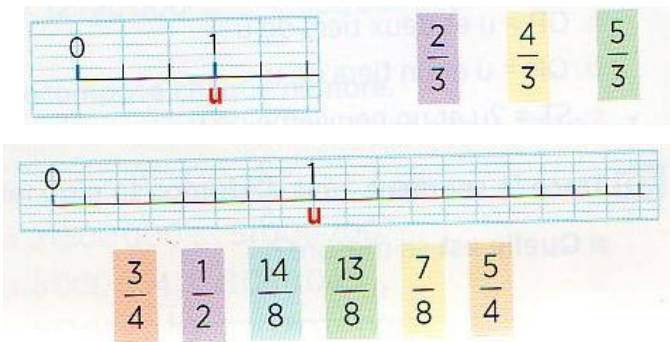
Fiche d'exercices n° 25

➔ **Exercice 1** : Place les fractions sur cette demi-droite graduée.

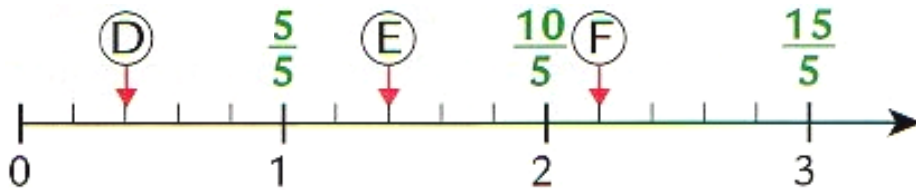


- $\frac{6}{4}$ $\frac{7}{4}$ $\frac{9}{4}$
- $\frac{11}{4}$ $\frac{13}{4}$ $\frac{14}{4}$

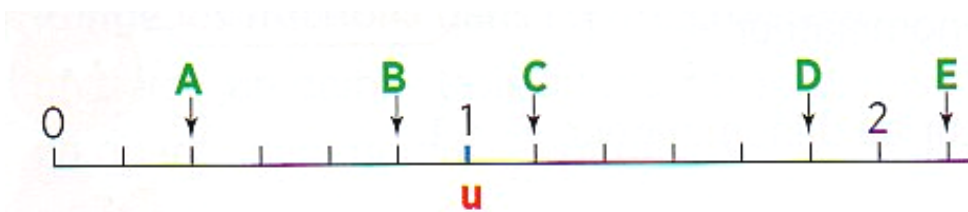
➔ **Exercice 2** : Place les fractions sur ces demi-droites graduées.



➔ **Exercice 3** : Écris la fraction qui correspond à chaque lettre.

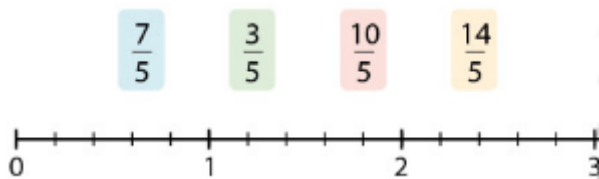


D = _____ E = _____
F = _____

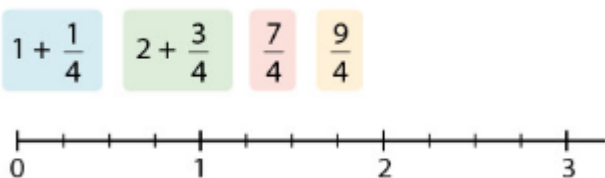


A = _____ B = _____
C = _____ D = _____
E = _____

➔ **Exercice 4** : Place les fractions puis complète.



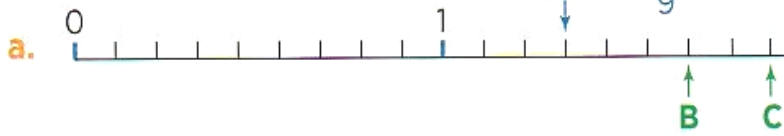
$\frac{7}{5} = 1 + \frac{\dots}{5}$ $\frac{3}{5} = 1 - \frac{\dots}{5}$
 $\frac{10}{5} = \dots$ $\frac{14}{5} = 2 + \frac{\dots}{5}$



$1 + \frac{1}{4} = \frac{\dots}{4}$ $2 + \frac{3}{4} = \frac{\dots}{4}$ $\frac{9}{4} = \dots + \frac{\dots}{4}$

→ **Exercice 5** : Décompose les fractions qui correspondent à chaque lettre, comme dans l'exemple.

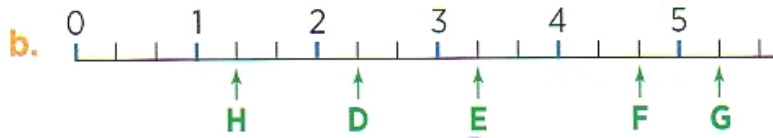
Exemple: $A = 1 + \frac{3}{9}$



B = C =

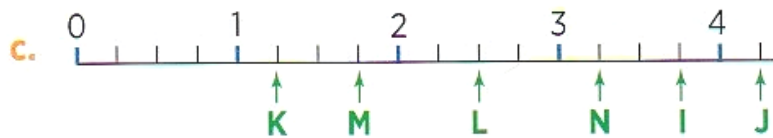
D = E =

F = G =



H = I =

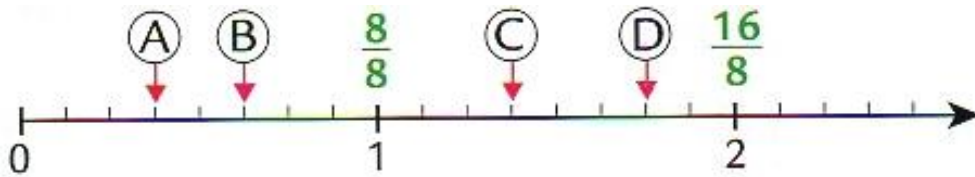
J = K =



L = M =

N =

→ **Exercice 6** : Écris la fraction correspondant à chaque lettre.



A = ____ B = ____

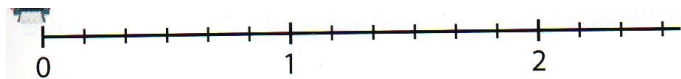
C = ____ D = ____

Complète en t'aidant de la droite.

- $1 < \frac{9}{8} < \dots$ $\frac{9}{8} = 1 + \dots$
- $\dots < \frac{13}{8} < \dots$ $\frac{13}{8} = 1 + \dots$
- $\dots < \frac{11}{8} < 2$ $\frac{11}{8} = 1 + \frac{\dots}{8}$
- $\dots < \frac{19}{8} < \dots$ $\frac{19}{8} = \dots + \frac{3}{8}$

Pour aller plus loin !

→ **Exercice 7** : Observe ces demi-droites graduées et complète les égalités.



a. $\frac{1}{3} = \frac{\dots}{6}$ b. $\frac{2}{3} = \frac{\dots}{6}$ c. $\frac{4}{3} = \frac{\dots}{6}$

d. $\frac{\dots}{3} = \frac{10}{6}$ e. $\frac{\dots}{3} = \frac{14}{6}$ f. $\dots = \frac{12}{6}$



a. $\frac{6}{12} = \frac{\dots}{6}$ b. $\frac{6}{12} = \frac{\dots}{2}$ c. $\frac{12}{12} = \frac{\dots}{3}$

d. $\frac{3}{2} = \frac{\dots}{12}$ e. $\frac{14}{12} = \frac{\dots}{6}$ f. $\frac{1}{4} = \frac{\dots}{12}$