



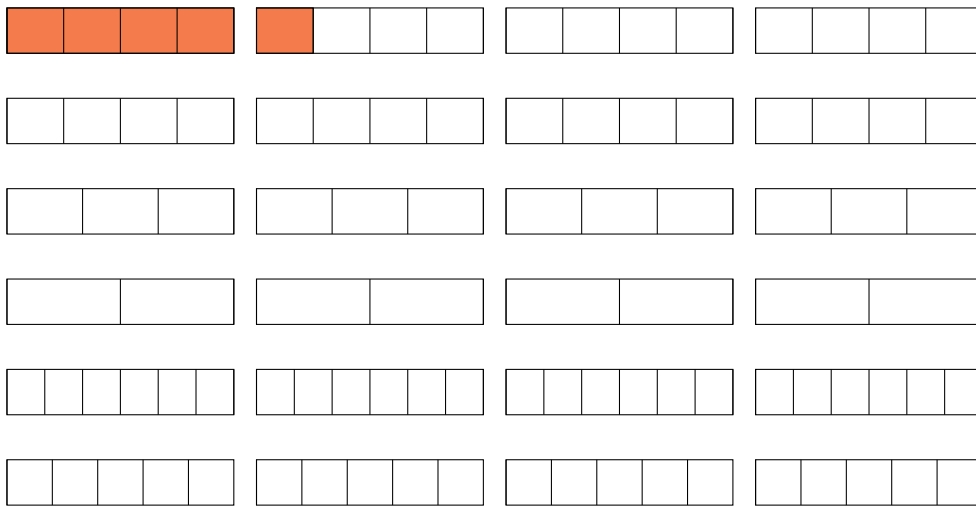
## NUMÉRATION & FRACTIONS - NIVEAU 2

### Objectifs

- Connaître les différentes représentation d'une fraction.
- Calculer la fraction d'une quantité.
- Calculs simples avec les fractions.

EX 1

L'unité étant un rectangle de 3 cm de longueur comme ci-dessous, colorier la part de l'unité correspondant à la fraction puis compléter comme dans l'exemple.



$$\frac{5}{4}u = 1u + \frac{1}{4}u$$

$$\frac{9}{4}u = \dots u + \dots u$$

$$\frac{7}{3}u = \dots u + \dots u$$

$$\frac{5}{2}u = \dots u + \dots u$$

$$\frac{11}{6}u = \dots u + \dots u$$

$$\frac{17}{5}u = \dots u + \dots u$$

EX 2

Compléter les égalités suivantes.

$$3 = \frac{\dots}{4}$$

$$3 = \frac{\dots}{3}$$

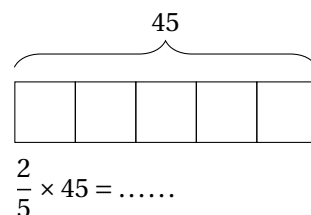
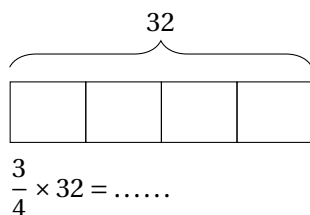
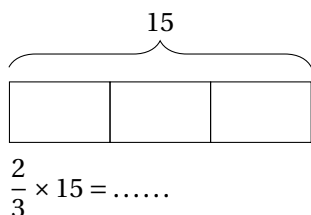
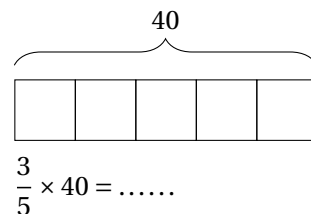
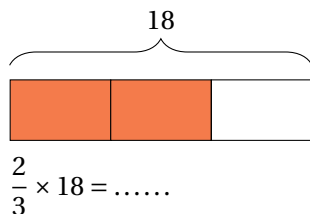
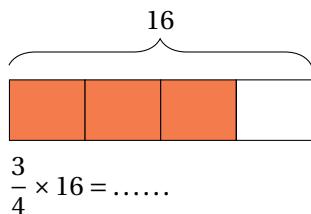
$$4 = \frac{\dots}{2}$$

$$2 = \frac{\dots}{6}$$

$$4 = \frac{\dots}{5}$$

EX 3

Calculer.





## NUMÉRATION & FRACTIONS - NIVEAU 2

**EX 4**

Calculer.

Four empty boxes for calculation.

$3u + \frac{3}{4}u = \dots\dots\dots$

Four empty boxes for calculation.

$2u - \frac{1}{4}u = \dots\dots\dots$

Four empty boxes for calculation.

$4 - \frac{1}{3}u = \dots\dots\dots$

Four empty boxes for calculation.

$5 \times \frac{1}{2}u = \dots\dots\dots$

Four empty boxes for calculation.

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

Four empty boxes for calculation.

$2u - \frac{1}{5}u = \dots\dots\dots$

**EX 5**

$\frac{1}{2} \times 18 =$

$\frac{1}{5} \times 20 =$

$\frac{3}{5} \times 35 =$

$\frac{5}{3} \times 15 =$

$\frac{7}{100} \times 800 =$

$\frac{3}{2} \times 18 =$

$\frac{2}{5} \times 20 =$

$\frac{3}{4} \times 16 =$

$\frac{5}{6} \times 42 =$

$\frac{4}{3} \times 27 =$

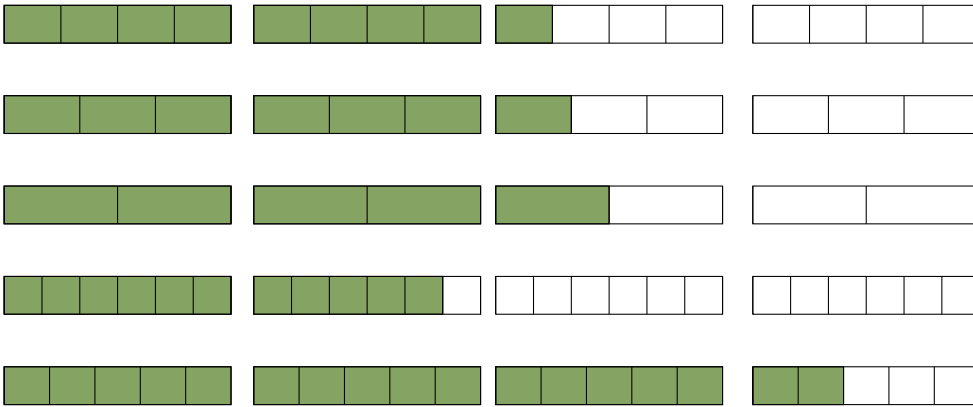




## NUMÉRATION & FRACTIONS - NIVEAU 2

### ✓ Corrections

EX 1



$$\frac{9}{4}u = 2u + \frac{1}{4}u$$

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

$$\frac{5}{2}u = 2u + \frac{1}{2}u$$

$$\frac{11}{6}u = 1u + \frac{5}{6}u$$

$$\frac{17}{5}u = 3u + \frac{2}{5}u$$

EX 2

$$3 = \frac{12}{4}$$

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

$$4 = \frac{8}{2}$$

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

$$4 = \frac{20}{5}$$

EX 3

$$\frac{3}{4} \times 16 = 4 \times 3 = 12$$

$$\frac{2}{3} \times 18 = 6 \times 2 = 12$$

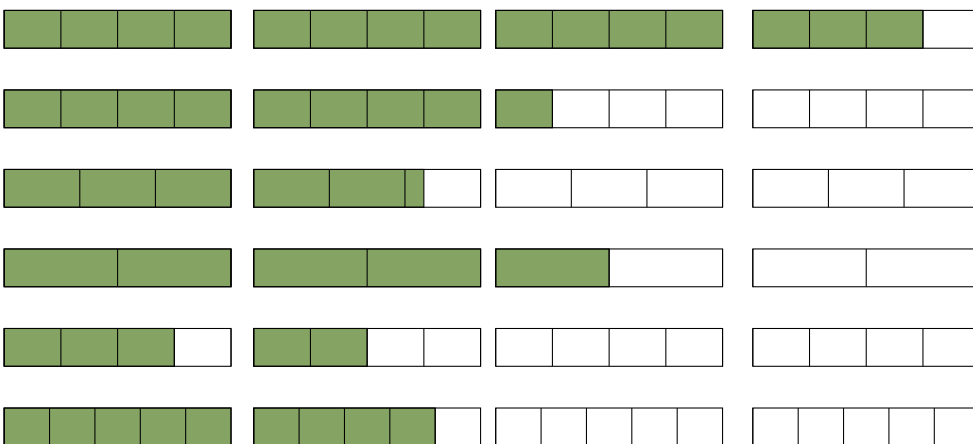
$$\frac{3}{5} \times 40 = 8 \times 3 = 24$$

$$\frac{2}{3} \times 15 = 5 \times 2 = 10$$

$$\frac{3}{4} \times 32 = 8 \times 3 = 24$$

$$\frac{2}{5} \times 45 = 9 \times 2 = 18$$

EX 4



$$3u + \frac{3}{4}u = \frac{15}{4}$$

$$2u - \frac{1}{4}u = \frac{7}{4}$$

$$4 - \frac{1}{3}u = \frac{11}{3}$$

$$5 \times \frac{1}{2}u = \frac{5}{2}$$

$$\frac{3}{4}u + \frac{1}{2}u = \frac{5}{4}$$

$$2u - \frac{1}{5}u = \frac{9}{5}$$





## NUMÉRATION & FRACTIONS - NIVEAU 2

Ex 5

$$\frac{1}{2} \times 12 = 6$$

$$\frac{1}{6} \times 18 = 3$$

$$\frac{2}{5} \times 15 = 6$$

$$\frac{4}{3} \times 15 = 20$$

$$\frac{3}{100} \times 400 = 12$$

$$\frac{3}{2} \times 12 = 18$$

$$\frac{5}{6} \times 18 = 15$$

$$\frac{3}{4} \times 8 = 6$$

$$\frac{6}{7} \times 35 = 30$$

$$\frac{5}{4} \times 20 = 25$$

