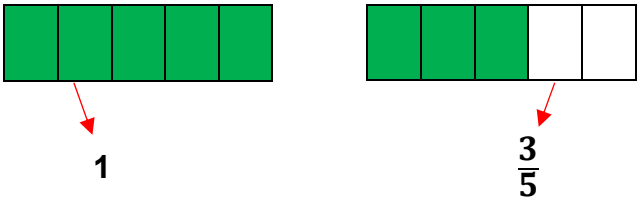
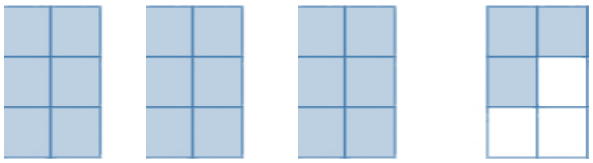
Correction

Décomposer des fractions simples

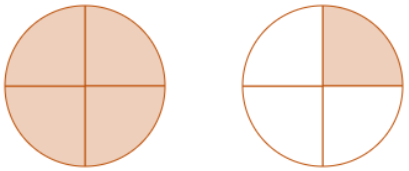
❶ Décompose ces fractions à partir de leur représentation



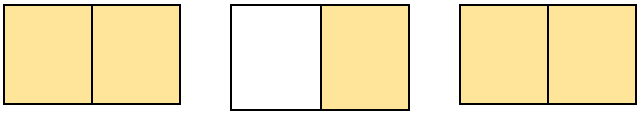
$\frac{8}{5} = 1 + \frac{3}{5}$



$\frac{21}{6} = 3 + \frac{3}{6}$



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



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

❷ Décompose ces fractions comme dans l'exemple.

Exemple : $\frac{10}{4} = \frac{4}{4} + \frac{4}{4} + \frac{2}{4} = 1 + 1 + \frac{2}{4} = 2 + \frac{2}{4}$

- $\frac{5}{2} = \frac{2}{2} + \frac{2}{2} + \frac{1}{2} = 1 + 1 + \frac{1}{2} = 2 + \frac{1}{2}$
- $\frac{15}{4} = \frac{4}{4} + \frac{4}{4} + \frac{4}{4} + \frac{3}{4} = 1 + 1 + 1 + \frac{3}{4} = 3 + \frac{3}{4}$
- $\frac{27}{6} = \frac{6}{6} + \frac{6}{6} + \frac{6}{6} + \frac{6}{6} + \frac{3}{6} = 1 + 1 + 1 + 1 + \frac{3}{6} = 4 + \frac{3}{6}$

❸ Quelles fractions se cachent derrière ces décompositions ?

Exemple : $1 + \frac{3}{5} = \frac{5}{5} + \frac{3}{5} = \frac{8}{5}$

- $1 + \frac{5}{6} = 1 + \frac{5}{6} = \frac{6}{6} + \frac{5}{6} = \frac{11}{6}$
- $3 + \frac{3}{4} = 1 + 1 + 1 + \frac{3}{4} = \frac{4}{4} + \frac{4}{4} + \frac{4}{4} + \frac{3}{4} = \frac{15}{4}$