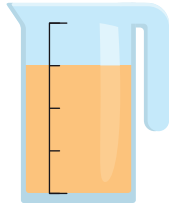




doel 3

- ▶ Je oefent welke breuken gelijkwaardig zijn.
- ▶ Je oefent gelijknamige en ongelijknamige breuken optellen en aftrekken.

hulp



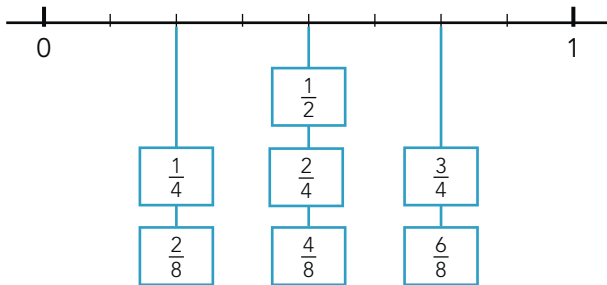
Je hebt $\frac{3}{4}$ l water.

Je giet er $\frac{1}{4}$ l uit.

Je hebt $\frac{2}{4}$ l over. ($\frac{1}{2}$ l)

$$\frac{3}{4} - \frac{1}{4} = \frac{2}{4} \left(\frac{1}{2}\right)$$

hulp



$$\frac{3}{6} - \frac{1}{6}$$

$$\frac{1}{2} - \frac{1}{6} = \frac{2}{6}$$

Dat is dus $\frac{1}{3}$ l.

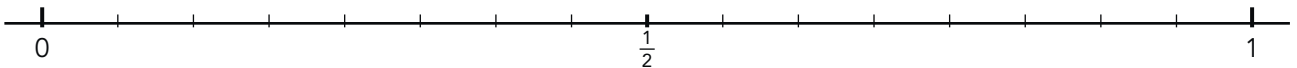
1

Wat is evenveel als $\frac{1}{4}$? Kleur.

$\frac{1}{2}$
 $\frac{2}{8}$
 $\frac{10}{40}$
 $\frac{4}{10}$
 $\frac{6}{8}$
 $\frac{4}{16}$
 $\frac{3}{12}$
 $\frac{5}{20}$
 $\frac{4}{20}$
 $\frac{4}{8}$
 $\frac{6}{24}$
 $\frac{1}{8}$

2

Maak de breuken gelijkwaardig. Kijk op de getallenlijn.



$$\frac{1}{4} = \frac{\dots}{8}$$

$$\frac{1}{8} = \frac{\dots}{16}$$

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

$$\frac{1}{2} = \frac{\dots}{16}$$

$$\frac{4}{8} = \frac{\dots}{16}$$

$$\frac{4}{16} = \frac{\dots}{4}$$

$$\frac{2}{8} = \frac{\dots}{16}$$

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

ga verder ➔



3

Reken uit. Schrijf de breuk zo klein mogelijk.

.....

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

.....

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

.....

$$\frac{2}{10} + \frac{1}{5} = \dots\dots\dots$$

.....

$$\frac{5}{8} + \frac{1}{4} = \dots\dots\dots$$

.....

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

.....

$$\frac{1}{3} - \frac{1}{6} = \dots\dots\dots$$

.....

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

.....

$$\frac{9}{10} - \frac{2}{5} = \dots\dots\dots$$

.....

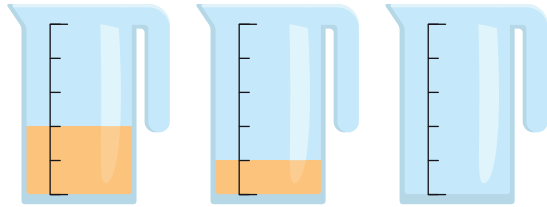
$$\frac{6}{10} - \frac{1}{5} = \dots\dots\dots$$

.....

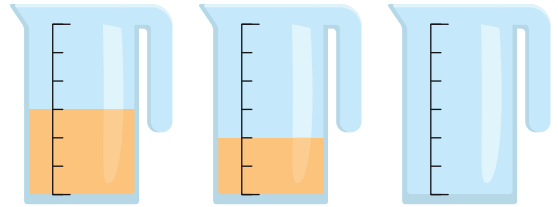
$$\frac{3}{6} - \frac{1}{2} = \dots\dots\dots$$

4

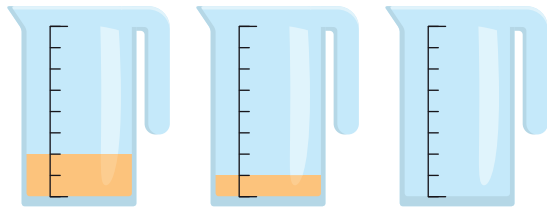
Samen 1 liter. Hoeveel moet er in de derde kan?



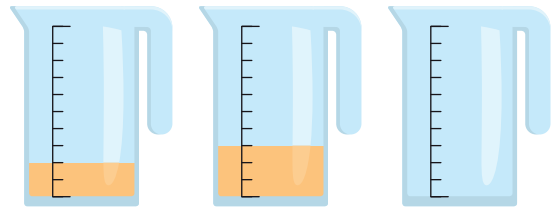
.....



.....



.....



.....

5

Reken uit. Schrijf de breuk zo klein mogelijk.

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

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

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

$$\frac{7}{10} - \frac{3}{10} = \dots\dots\dots$$

$$\frac{6}{7} - \frac{2}{7} = \dots\dots\dots$$

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

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

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

$$\frac{9}{10} - \frac{3}{10} = \dots\dots\dots$$

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

6

+

Maak de rij af. Kijk naar de sprongen.





7 + **Maak de tabel af.**

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

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

Klaar!