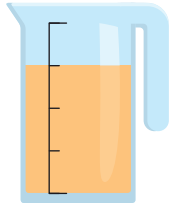


DOEL 3

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

HULP



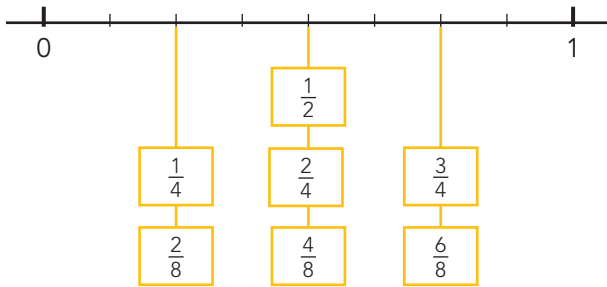
Je hebt $\frac{3}{4}$ l water.

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



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

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

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.

$\frac{1}{4} = \frac{2}{8}$
 $\frac{1}{8} = \frac{2}{16}$
 $\frac{4}{8} = \frac{2}{4}$
 $\frac{1}{2} = \frac{8}{16}$

 $\frac{4}{8} = \frac{8}{16}$
 $\frac{4}{16} = \frac{1}{4}$
 $\frac{2}{8} = \frac{4}{16}$
 $\frac{3}{4} = \frac{12}{16}$

3

Reken uit. Schrijf de breuk zo klein mogelijk.

$\frac{2}{6} + \frac{1}{6}$
 $\frac{4}{8} + \frac{2}{8}$
 $\frac{2}{10} + \frac{2}{10}$
 $\frac{5}{8} + \frac{2}{8}$
 $\frac{3}{9} + \frac{1}{9} =$

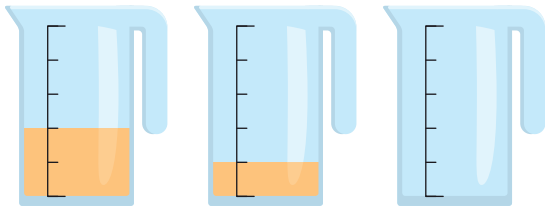
 $\frac{1}{3} + \frac{1}{6} = \frac{3}{6} = \frac{1}{2}$
 $\frac{2}{4} + \frac{2}{8} = \frac{6}{8} = \frac{3}{4}$
 $\frac{2}{10} + \frac{1}{5} = \frac{4}{10} = \frac{2}{5}$
 $\frac{5}{8} + \frac{1}{4} = \frac{7}{8}$
 $\frac{1}{3} + \frac{1}{9} = \frac{4}{9}$

 $\frac{2}{6} - \frac{1}{6}$
 $\frac{4}{8} - \frac{2}{8}$
 $\frac{9}{10} - \frac{4}{10}$
 $\frac{6}{10} - \frac{2}{10}$
 $\frac{3}{6} - \frac{3}{6}$

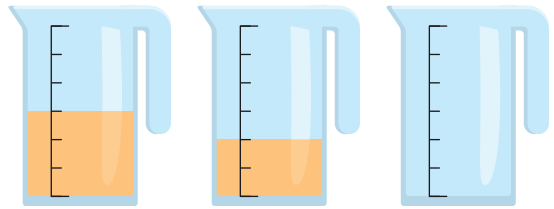
 $\frac{1}{3} - \frac{1}{6} = \frac{1}{6}$
 $\frac{2}{4} - \frac{2}{8} = \frac{2}{8} = \frac{1}{4}$
 $\frac{9}{10} - \frac{2}{5} = \frac{5}{10} = \frac{1}{2}$
 $\frac{6}{10} - \frac{1}{5} = \frac{4}{10} = \frac{2}{5}$
 $\frac{3}{6} - \frac{1}{2} = 0$

4

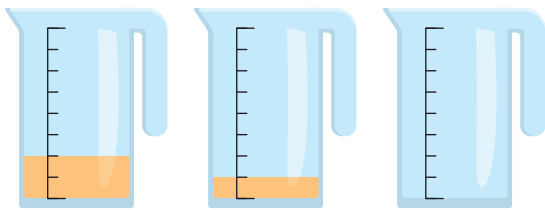
Samen 1 liter. Hoeveel moet er in de derde kan?



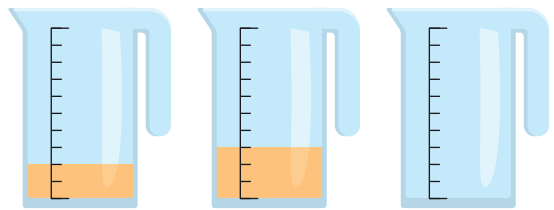
$\frac{2}{5}$ deel



$\frac{1}{6}$ deel



$\frac{5}{8}$ deel



$\frac{5}{10}$ of $\frac{1}{2}$ deel

5

Reken uit. Schrijf de breuk zo klein mogelijk.

$\frac{2}{6} + \frac{3}{6} = \frac{5}{6}$

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

$\frac{7}{8} - \frac{1}{8} = \frac{6}{8} = \frac{3}{4}$

$\frac{7}{10} - \frac{3}{10} = \frac{4}{10}$

$\frac{6}{7} - \frac{2}{7} = \frac{4}{7}$

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

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

$\frac{5}{8} - \frac{3}{8} = \frac{2}{8} = \frac{1}{4}$

$\frac{9}{10} - \frac{3}{10} = \frac{6}{10} = \frac{3}{5}$

$\frac{5}{7} - \frac{2}{7} = \frac{3}{7}$

6+

Maak de rij af. Kijk naar de sprongen.

$\frac{3}{4}$	$1\frac{1}{2}$	$2\frac{1}{4}$	3	$3\frac{3}{4}$	$4\frac{1}{2}$	$5\frac{1}{4}$	6
---------------	----------------	----------------	---	----------------	----------------	----------------	---

$\frac{1}{8}$	$\frac{3}{4}$	$1\frac{3}{8}$	2	$2\frac{5}{8}$	$3\frac{1}{4}$	$3\frac{7}{8}$
---------------	---------------	----------------	---	----------------	----------------	----------------

1	$2\frac{2}{9}$	$3\frac{4}{9}$	$4\frac{2}{3}$	$5\frac{8}{9}$	$7\frac{1}{9}$	$8\frac{1}{3}$	$9\frac{5}{9}$
---	----------------	----------------	----------------	----------------	----------------	----------------	----------------

7+

Maak de tabel af.

$1\frac{1}{5}$	$1\frac{4}{5}$	2	5
$2\frac{2}{5}$	$2\frac{1}{5}$	$\frac{2}{5}$	5
$1\frac{2}{5}$	1	$2\frac{3}{5}$	5
5	5	5	5

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