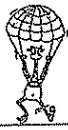


Knip uit en bedenk sommen.



(meerdere antwoorden mogelijk)

Schrijf hier de optelsommen die met de delen van $\frac{1}{4}$ kan maken.

$$\begin{aligned}\frac{1}{4} + \frac{1}{4} &= \frac{2}{4} \\ \frac{1}{4} + \frac{1}{4} + \frac{1}{4} &= \frac{3}{4} \\ \frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} &= \frac{4}{4}\end{aligned}$$

Schrijf hier de optelsommen die je kan maken met $\frac{2}{6}$ erin.

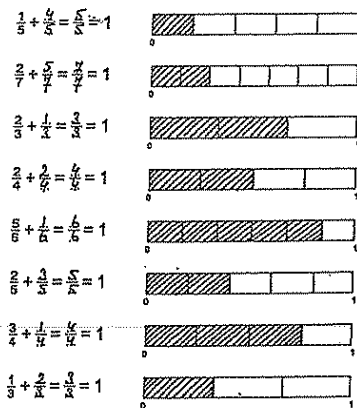
$$\begin{aligned}\frac{2}{6} + \frac{1}{6} &= \frac{3}{6} & \frac{2}{6} + \frac{2}{6} &= \frac{4}{6} \\ \frac{2}{6} + \frac{1}{6} + \frac{1}{6} &= \frac{4}{6} & \frac{2}{6} + \frac{2}{6} + \frac{1}{6} &= \frac{5}{6} \\ \frac{2}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} &= \frac{5}{6} & & \\ \frac{2}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} &= \frac{6}{6}\end{aligned}$$

Schrijf hier de afteksommen die je kan maken met de delen van $\frac{1}{6}$.

$$\begin{aligned}\frac{6}{6} - \frac{1}{6} &= \frac{5}{6} & \frac{6}{6} - \frac{1}{6} &= \frac{5}{6} \\ \frac{6}{6} - \frac{1}{6} - \frac{1}{6} &= \frac{4}{6} & \frac{6}{6} - \frac{1}{6} - \frac{1}{6} &= \frac{4}{6} \\ \frac{6}{6} - \frac{1}{6} - \frac{1}{6} - \frac{1}{6} &= \frac{3}{6} & & \\ \frac{6}{6} - \frac{1}{6} - \frac{1}{6} - \frac{1}{6} - \frac{1}{6} &= \frac{2}{6} & & \\ & \dots & & \end{aligned}$$

3. Maak samen 1. Tekende strook erbij.

Nu jij:



4. Kleur het deel en verzin een optel- en een afteksom.

Nu jij: (meerdere inkleuwingen mogelijk)



kleur $\frac{1}{4}$ deel
optelsom: $\frac{1}{4} + \frac{3}{4} = \frac{4}{4} = 1$
afteksom: $1 - \frac{3}{4} = \frac{1}{4}$



kleur $\frac{2}{6}$ deel
optelsom: $\frac{2}{6} + \frac{4}{6} = \frac{6}{6} = 1$
afteksom: $1 - \frac{4}{6} = \frac{2}{6}$



kleur $\frac{3}{8}$ deel
optelsom: $\frac{3}{8} + \frac{5}{8} = \frac{8}{8} = 1$
afteksom: $1 - \frac{5}{8} = \frac{3}{8}$



kleur $\frac{4}{8}$ deel
optelsom: $\frac{4}{8} + \frac{4}{8} = \frac{8}{8} = 1$
afteksom: $1 - \frac{4}{8} = \frac{4}{8}$

1. Welke sommen kan je maken met de kannen?

Nu jij:



optelsom: $\frac{2}{4} + \frac{2}{4} = 1$
afteksom: $1 - \frac{2}{4} = \frac{2}{4}$



optelsom: $\frac{1}{3} + \frac{2}{3} = 1$
afteksom: $1 - \frac{2}{3} = \frac{1}{3}$



optelsom: $\frac{2}{3} + \frac{1}{3} = 1$
afteksom: $1 - \frac{1}{3} = \frac{2}{3}$



optelsom: $\frac{2}{5} + \frac{3}{5} = 1$
afteksom: $1 - \frac{3}{5} = \frac{2}{5}$



optelsom: $\frac{3}{10} + \frac{7}{10} = 1$
afteksom: $1 - \frac{7}{10} = \frac{3}{10}$

5. Vul aan of schenk uit. Tekende hoeveel er over blijft.

Nu jij:



Ik heb $\frac{2}{4}$ liter. Ik vul de kan met $\frac{1}{4}$ liter aan.
Hoeveel zit er in de kan? $\frac{3}{4}$ liter



Ik heb $\frac{5}{6}$ liter. Ik schenk er $\frac{2}{6}$ liter uit.
Hoeveel zit er in de kan? $\frac{3}{6}$ liter



Ik heb $\frac{1}{3}$ liter. Ik vul de kan met $\frac{2}{3}$ liter aan.
Hoeveel zit er in de kan? 1 liter



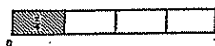
Ik heb $\frac{1}{4}$ liter. Ik schenk er $\frac{1}{4}$ liter uit.
Hoeveel zit er in de kan? $\frac{3}{4}$ liter



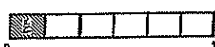
Ik heb $\frac{6}{10}$ liter. Ik schenk er $\frac{3}{10}$ liter uit.
Hoeveel zit er in de kan? $\frac{3}{10}$ liter

2. Maak de optelsommen bij de stroken. Samen 1.

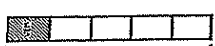
Nu jij:



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



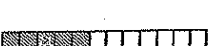
$$\frac{1}{5} + \frac{4}{5} = \frac{5}{5} = 1$$



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



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



$$\frac{4}{12} + \frac{8}{12} = \frac{12}{12} = 1$$

6. Kleur de optelsom met 2 kleuren op de strook. Maak de som.

Nu jij:



$$\frac{3}{9} + \frac{6}{9} = \frac{9}{9} = 1$$



$$\frac{4}{12} + \frac{8}{12} = \frac{12}{12} = 1$$



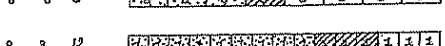
$$\frac{2}{8} + \frac{6}{8} = \frac{8}{8} = 1$$



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

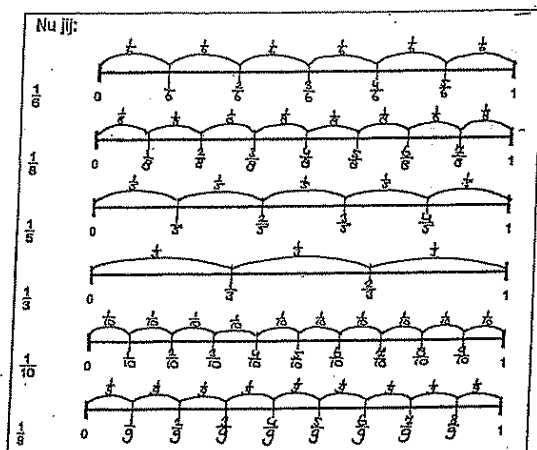


$$\frac{2}{8} + \frac{6}{8} = \frac{8}{8} = 1$$

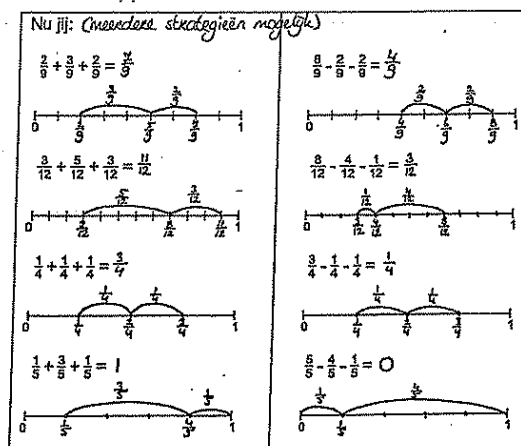


$$\frac{4}{15} + \frac{11}{15} = \frac{15}{15} = 1$$

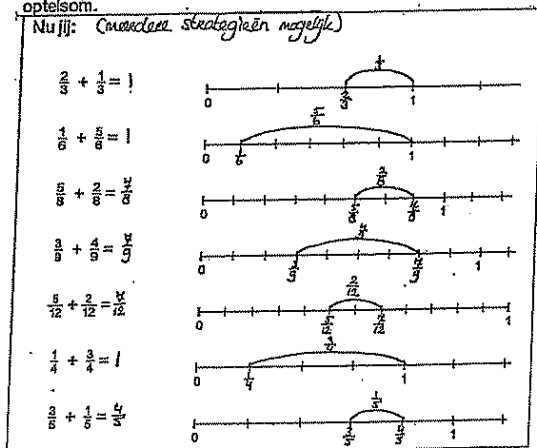
7. Spring door tpt 1. Zet de breuken eronder.



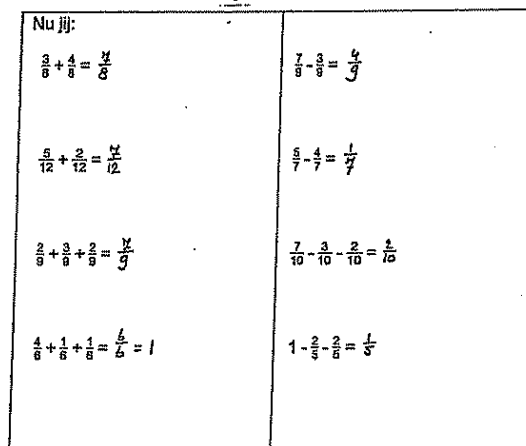
11. Maak de sommen, gebruik de getallenlijn als je wilt.



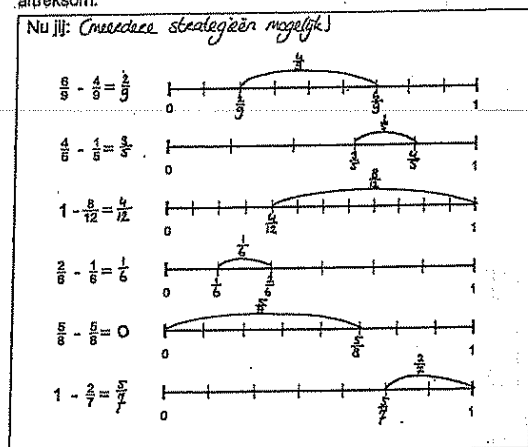
8. Teken de sprong op de getallenlijn en maak de optelsom.



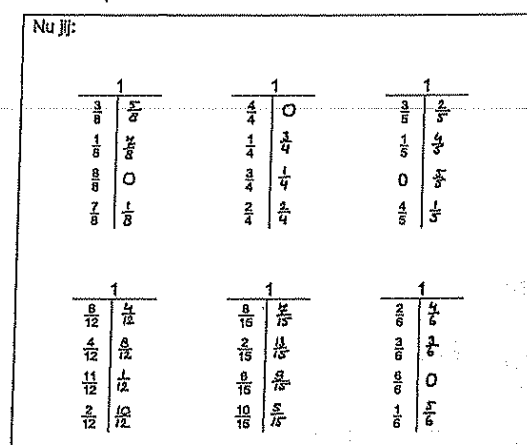
12. Maak de sommen. Gebruik jouw manier.



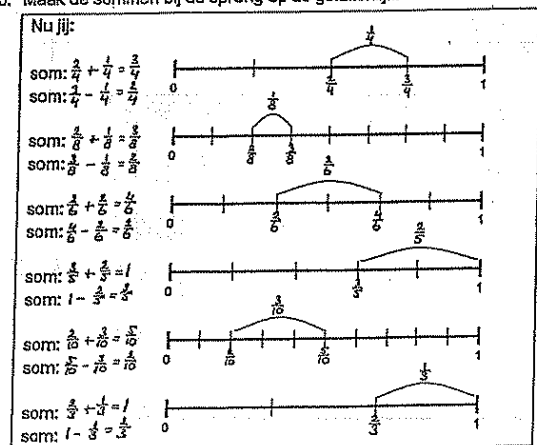
9. Teken de sprong op de getallenlijn en maak de aftreksom.



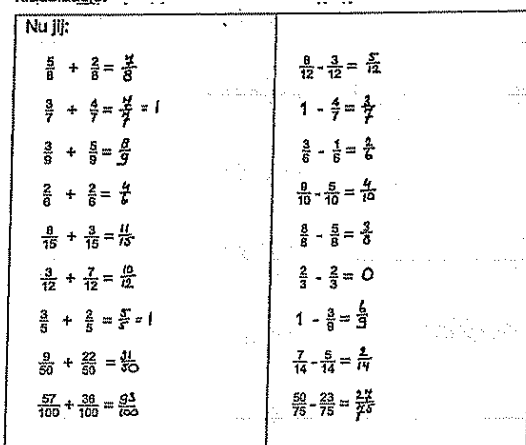
13. Maak de splitsbomen. Samen 1



10. Maak de sommen bij de sprong op de getallenlijn.



14. Maak de sommen. Gebruik jouw manier op een kladblaadje.



15. Maak de optelsommen kloppend. Samen 1.

Nu jij:

$$1 = \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} \text{ of } 1 = \frac{1}{6} + \frac{5}{6}$$

$$1 = \frac{1}{12} + \frac{1}{12} + \frac{1}{12} + \frac{9}{12} \text{ of } 1 = \frac{1}{12} + \frac{11}{12}$$

$$1 = \frac{3}{4} + \frac{1}{4} \text{ of } 1 = \frac{2}{4} + \frac{2}{4}$$

$$1 = \frac{5}{24} + \frac{1}{24} + \frac{19}{24} \text{ of } 1 = \frac{5}{24} + \frac{19}{24}$$

$$1 = \frac{4}{16} + \frac{1}{16} + \frac{1}{16} + \frac{10}{16} \text{ of } 1 = \frac{4}{16} + \frac{12}{16}$$

$$1 = \frac{2}{9} + \frac{1}{9} + \frac{1}{9} + \frac{1}{9} + \frac{4}{9} \text{ of } 1 = \frac{2}{9} + \frac{7}{9}$$