

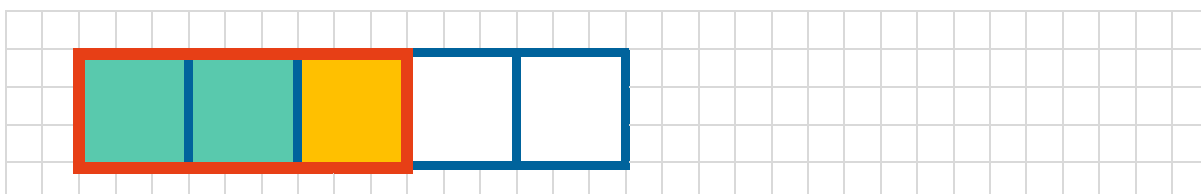
LES 5:

VERWERKING (DEEL 1)

Naam: Datum:

1: GELIJKNAMIGE BREUKEN OPTELLEN

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



$$\frac{2}{7} + \frac{2}{7} = \frac{4}{7}$$

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

$$\frac{4}{9} + \frac{3}{9} = \frac{7}{9}$$

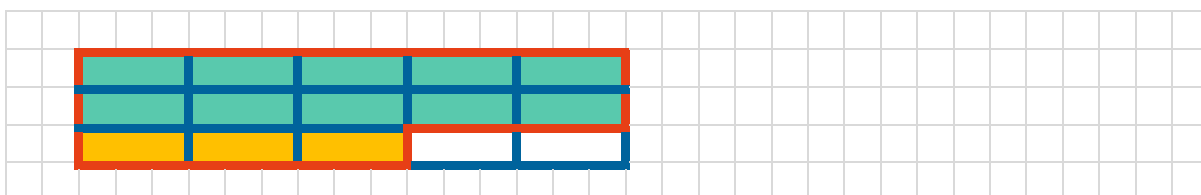
$$\frac{3}{4} + \frac{1}{4} = \frac{4}{4} = 1 \text{ geheel}$$

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

$$\frac{1}{9} + \frac{3}{9} = \frac{4}{9}$$

2: ONGELIJKNAMIGE BREUKEN OPTELLEN

$$\frac{2}{3} + \frac{1}{5} = \frac{10}{15} + \frac{3}{15} = \frac{13}{15}$$



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

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

$$\frac{1}{4} + \frac{1}{6} = \frac{3}{12} + \frac{2}{12} = \frac{5}{12}$$

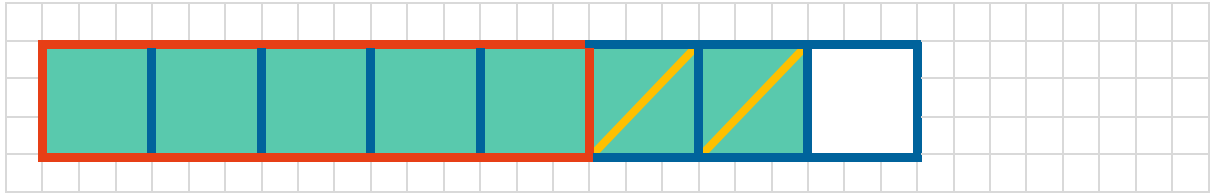
$$\frac{2}{9} + \frac{1}{6} = \frac{4}{18} + \frac{3}{18} = \frac{7}{18}$$

$$\frac{1}{9} + \frac{1}{2} = \frac{2}{18} + \frac{9}{18} = \frac{11}{18}$$

$$\frac{3}{4} + \frac{1}{7} = \frac{21}{28} + \frac{4}{28} = \frac{25}{28}$$

3: GELIJKNAMIGE BREUKEN AFTREKKEN

$$\frac{7}{8} - \frac{2}{8} = \frac{5}{8}$$



$$\frac{8}{9} - \frac{1}{9} = \frac{7}{9}$$

$$\frac{6}{7} - \frac{3}{7} = \frac{3}{7}$$

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

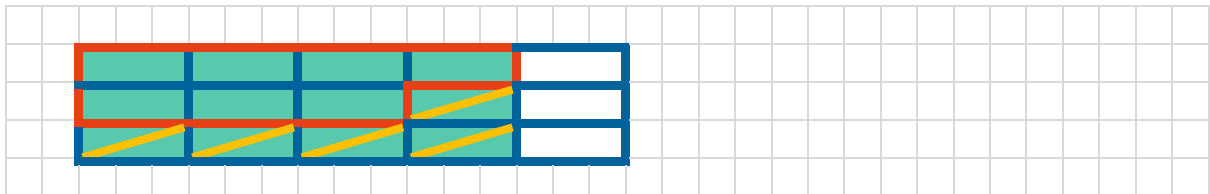
$$\frac{7}{9} - \frac{2}{9} = \frac{5}{9}$$

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

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

4: ONGELIJKNAMIGE BREUKEN AFTREKKEN

$$\frac{4}{5} - \frac{1}{3} = \frac{12}{15} - \frac{5}{15} = \frac{7}{15}$$



$$\frac{3}{4} - \frac{1}{3} = \frac{9}{12} - \frac{4}{12} = \frac{5}{12}$$

$$\frac{6}{7} - \frac{3}{4} = \frac{24}{28} - \frac{21}{28} = \frac{3}{28}$$

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

$$\frac{7}{9} - \frac{2}{3} = \frac{7}{9} - \frac{6}{9} = \frac{1}{9}$$

$$\frac{1}{4} - \frac{1}{6} = \frac{3}{12} - \frac{2}{12} = \frac{1}{12}$$

$$\frac{5}{9} - \frac{1}{6} = \frac{10}{18} - \frac{3}{18} = \frac{7}{18}$$

LES 5:

VERWERKING (DEEL 2)

Naam: Datum:

BREUKEN OPTELLEN EN AFTREKKEN



$$\frac{1}{8} + \frac{2}{4} = \frac{1}{8} + \frac{4}{8} = \frac{5}{8}$$

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

$$\frac{2}{3} - \frac{4}{9} = \frac{6}{9} - \frac{4}{9} = \frac{2}{9}$$

$$\frac{3}{8} + \frac{1}{8} = \frac{4}{8} = \frac{1}{2}$$

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

$$\frac{7}{8} - \frac{1}{3} = \frac{21}{24} - \frac{8}{24} = \frac{13}{24}$$

$$\frac{1}{9} + \frac{2}{5} = \frac{5}{45} + \frac{18}{45} = \frac{23}{45}$$

$$\frac{5}{7} + \frac{2}{7} = \frac{7}{7} = 1 \text{ geheel}$$

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

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

$$\frac{8}{9} - \frac{3}{4} = \frac{32}{36} - \frac{27}{36} = \frac{5}{36}$$

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

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

$$\frac{5}{7} - \frac{1}{7} = \frac{4}{7}$$

$$\frac{1}{3} + \frac{1}{2} = \frac{2}{6} + \frac{3}{6} = \frac{5}{6}$$

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

$$\frac{5}{8} - \frac{2}{6} = \frac{15}{24} - \frac{8}{24} = \frac{7}{24}$$

$$\frac{3}{4} + \frac{1}{5} = \frac{15}{20} + \frac{4}{20} = \frac{19}{20}$$

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

$$\frac{3}{7} + \frac{1}{4} = \frac{12}{28} + \frac{7}{28} = \frac{19}{28}$$

$$\frac{3}{8} + \frac{2}{8} = \frac{5}{8}$$

$$\frac{6}{6} - \frac{2}{6} = \frac{4}{6} = \frac{2}{3}$$

$$\frac{4}{5} - \frac{2}{3} = \frac{12}{15} - \frac{10}{15} = \frac{2}{15}$$

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

REKENVERHAAL

Harry en Lena moeten er vandaag voor zorgen dat alle tafels netjes gedekt zijn.

Harry denkt $\frac{1}{3}$ van de tafels en $\frac{2}{5}$ van de tafels wordt gedekt door Lena.

Welk deel van de tafels moet nog gedekt worden?



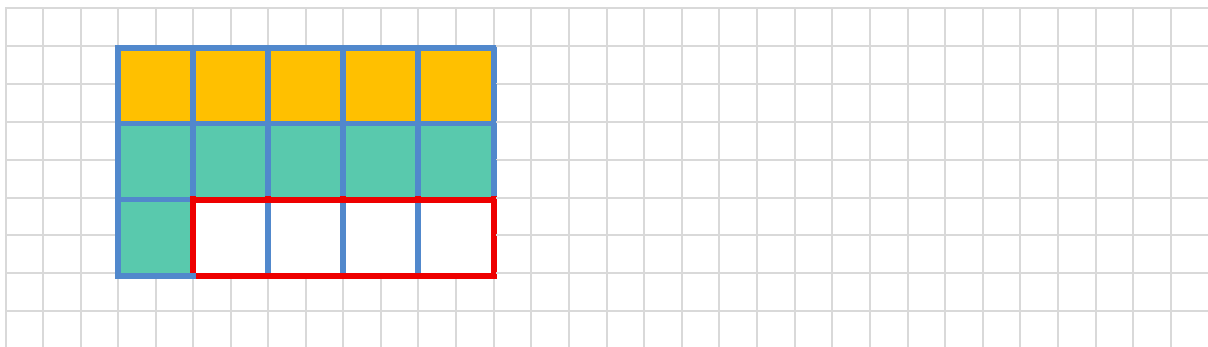
Noteer de bewerking en de tussenstappen en reken uit.

$$\frac{1}{3} + \frac{2}{5} = \frac{5}{15} + \frac{6}{15} = \frac{11}{15}$$

$$\frac{15}{15} - \frac{11}{15} = \frac{4}{15}$$



Mak een tekening die bij de bewerking past als je dat wil.



Formuleer een antwoordzin.

Er moet nog $\frac{4}{15}$ van het totaal aantal tafels gedekt worden.