

- Vergelyk breuke
- Herlei tussen die soorte breuke
- Tel in breuke
- Jy moet seker maak dat jy breuke baie goed verstaan en daarom moet jy dit oefen.

Memorandum

Werkstuk

1. Voltooi die breuk om dit waar te maak :

a.) $1 = \frac{2}{\text{-----}}$	(b.) $2 = \frac{4}{\text{-----}}$	(c.) $3 = \frac{6}{\text{-----}}$	(d.) $4 = \frac{8}{\text{-----}}$
$\times \frac{2}{2}$	$\frac{2}{2}$	$\frac{2}{2}$	$\frac{2}{2}$
e.) $1 = \frac{3}{\text{-----}}$	(f.) $2 = \frac{6}{\text{-----}}$	(g.) $3 = \frac{9}{\text{-----}}$	(h.) $4 = \frac{12}{\text{-----}}$
$\frac{3}{3}$	$\frac{3}{3}$	$\frac{3}{3}$	$\frac{3}{3}$
i.) $1 = \frac{4}{\text{-----}}$	(j.) $2 = \frac{8}{\text{-----}}$	(k.) $3 = \frac{12}{\text{-----}}$	(l.) $4 = \frac{16}{\text{-----}}$
$\frac{4}{4}$	$\frac{4}{4}$	$\frac{4}{4}$	$\frac{4}{4}$
m.) $1 = \frac{5}{\text{-----}}$	(n.) $2 = \frac{10}{\text{-----}}$	(o.) $3 = \frac{15}{\text{-----}}$	(p.) $4 = \frac{20}{\text{-----}}$
$\frac{5}{5}$	$\frac{5}{5}$	$\frac{5}{5}$	$\frac{5}{5}$
q.) $1 = \frac{6}{\text{-----}}$	(r.) $2 = \frac{12}{\text{-----}}$	(s.) $3 = \frac{18}{\text{-----}}$	(t.) $4 = \frac{24}{\text{-----}}$
$\frac{6}{6}$	$\frac{6}{6}$	$\frac{6}{6}$	$\frac{6}{6}$

2. Voltooi die volgende :

a.) $2 = \frac{4}{\text{-----}}$	(b.) $3 = \frac{9}{\text{-----}}$	(c.) $4 = \frac{16}{\text{-----}}$	(d.) $5 = \frac{25}{\text{-----}}$
$\frac{2}{2}$	$\frac{3}{3}$	$\frac{4}{4}$	$\frac{5}{5}$
e.) $6 = \frac{12}{\text{-----}}$	(f.) $5 = \frac{15}{\text{-----}}$	(g.) $4 = \frac{20}{\text{-----}}$	(h.) $3 = \frac{12}{\text{-----}}$
$\frac{6}{2}$	$\frac{5}{3}$	$\frac{4}{5}$	$\frac{3}{4}$
i.) $\frac{4}{2} = 2$ heles	(j.) $\frac{6}{2} = 3$ heles	(k.) $\frac{8}{2} = 4$ heles	

$$l.) \frac{10}{2} = 5 \text{ heles}$$

$$(m.) \frac{12}{2} = 6 \text{ heles}$$

$$(n.) \frac{9}{3} = 3 \text{ heles}$$

$$l.) \frac{8}{4} = 2 \text{ heles}$$

$$(m.) \frac{10}{5} = 2 \text{ heles}$$

$$(n.) \frac{15}{5} = 3 \text{ heles}$$

3. Gebruik jou breukemuur om die volgende te voltooi:

a.) Rangskik hierdie breuke in stygende volgorde: $\frac{1}{2}$; $\frac{1}{8}$; $\frac{1}{4}$

$$\frac{1}{8} ; \frac{1}{4} ; \frac{1}{2}$$

b.) Rangskik hierdie breuke in dalende volgorde: $\frac{5}{8}$; $\frac{1}{2}$; $\frac{3}{4}$

$$\frac{3}{4} ; \frac{5}{8} ; \frac{1}{2}$$

4. Herlei die volgende gemengde getalle na onegte breuke:

$$4.1) 2\frac{3}{5} = \frac{13}{5}$$

$$4.2) 1\frac{1}{3} = \frac{4}{3}$$

$$4.3) 4\frac{2}{7} = \frac{30}{7}$$

$$4.4) 5\frac{3}{8} = \frac{43}{8}$$

$$4.5) 3\frac{5}{6} = \frac{23}{6}$$

$$4.6) 7\frac{3}{4} = \frac{31}{4}$$

$$4.7) 6\frac{2}{5} = \frac{32}{5}$$

$$4.8) 4\frac{1}{3} = \frac{13}{3}$$

$$4.9) 6\frac{2}{4} = \frac{26}{4}$$

5. Herlei die volgende onegte breuke na gemengde getalle:

$$5.1) \frac{16}{5} = 3\frac{1}{5}$$

$$5.2) \frac{8}{3} = 2\frac{2}{3}$$

$$5.3) \frac{11}{4} = 2\frac{3}{4}$$

$$5.4) \frac{9}{4} = 2\frac{1}{4}$$

$$5.5) \frac{17}{6} = 2\frac{5}{6}$$

$$5.6) \frac{14}{5} = 2\frac{4}{5}$$

$$5.7) \frac{12}{5} = 2\frac{2}{5}$$

$$5.8) \frac{15}{6} = 2\frac{3}{6} \text{ of } 2\frac{1}{2}$$

$$5.9) \frac{13}{4} = 3\frac{1}{4}$$

6. Vereenvoudig die volgende egte breuke:

(Hier kon jy die teller en die noemer $\div 8$ want dit is die grootste getal wat in albei kan deel)

$$6.1) \frac{8}{24} = \frac{1}{3}$$

$$6.2) \frac{6}{18} = \frac{1}{3}$$

$$6.3) \frac{5}{10} = \frac{1}{2}$$

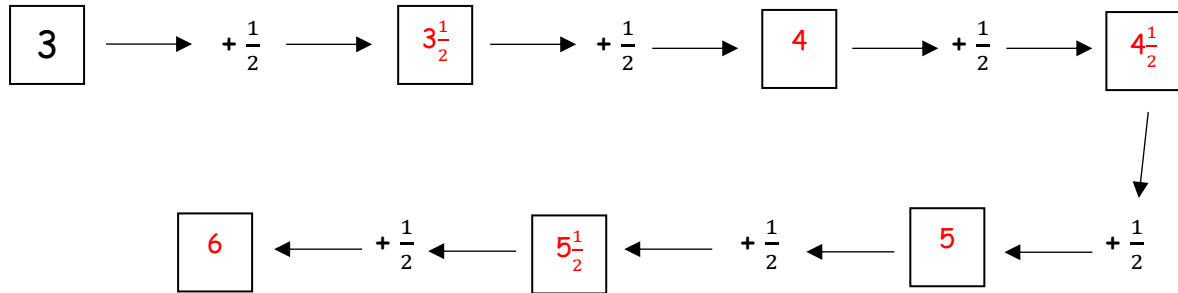
$$6.4) \frac{10}{30} = \frac{1}{3}$$

$$6.5) \frac{4}{16} = \frac{1}{4}$$

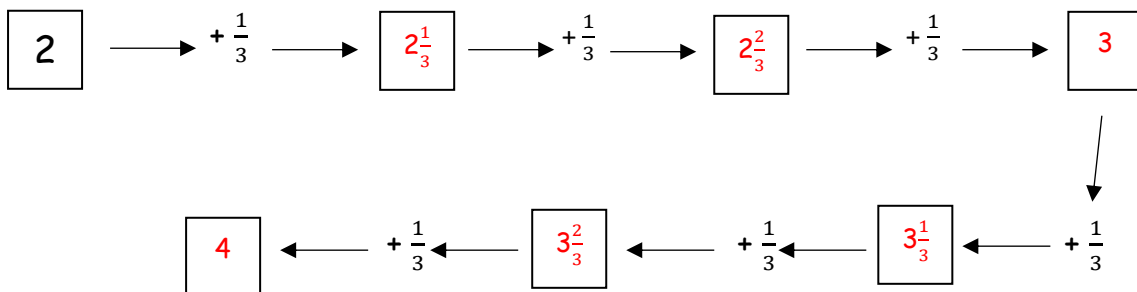
$$6.6) \frac{7}{14} = \frac{1}{2}$$

7. Gebruik hierdie getalketting om te tel in die volgende: (onthou die heelgetalle)

7.1)



7.2)



7.3)

