

Werkkaart 2015-4AF(VOORBEELD)

BREUKE

(1) Gebruik die tabel om die breuke te rangskik van die kleinste na die grootste.

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

(a)	$\frac{1}{2}; \frac{1}{4}; \frac{2}{2}; \frac{1}{8}$ →	
(b)	$\frac{3}{4}; \frac{1}{4}; \frac{2}{4}; \frac{1}{1}$ →	
(c)	$\frac{4}{4}; \frac{1}{2}; \frac{1}{4}; \frac{3}{4}$ →	

(2) Skryf die breuke as gemengde breuke.

- (1) $\frac{7}{4} =$ _____ (2) $\frac{9}{2} =$ _____ (3) $\frac{18}{5} =$ _____ (4) $\frac{27}{4} =$ _____
- (5) $\frac{33}{4} =$ _____ (6) $\frac{25}{6} =$ _____ (7) $\frac{47}{6} =$ _____ (8) $\frac{40}{7} =$ _____

(3) Herskryf die gemengde breuke as onegte breuke

- (1) $1\frac{1}{2} =$ _____ (2) $1\frac{1}{3} =$ _____ (3) $1\frac{1}{4} =$ _____ (4) $1\frac{1}{5} =$ _____
- (5) $3\frac{1}{3} =$ _____ (6) $2\frac{2}{3} =$ _____ (7) $2\frac{3}{5} =$ _____ (8) $1\frac{1}{9} =$ _____

(4) Vermenigvuldiging van eenvoudige breuke

(a) $\frac{1}{4} \times \frac{3}{3} = \frac{\quad}{12}$ (b) $\frac{1}{4} \times \frac{\quad}{4} = \frac{\quad}{16}$ (c) $\frac{1}{3} \times \frac{\quad}{3} = \frac{\quad}{9}$

(d) $\frac{4}{8} \times \frac{\quad}{\quad} = \frac{\quad}{32}$ (e) $\frac{4}{7} \times \frac{\quad}{\quad} = \frac{\quad}{35}$ (f) $\frac{3}{4} \times \frac{\quad}{\quad} = \frac{\quad}{20}$

(5) Optel van breuke.

(a) $\frac{10}{15} + \frac{2}{5}$

= _____

= _____

(b) $\frac{1}{4} + \frac{3}{8}$

= _____

= _____

(c) $\frac{2}{6} + \frac{1}{3}$

= _____

= _____

(d) $\frac{1}{8} + 2\frac{1}{4} + 1\frac{10}{16}$

= _____

= _____

= _____

= _____

= _____

(e) $\frac{3}{4} + \frac{1}{20} + 1\frac{1}{5}$

= _____

= _____

= _____

= _____

= _____

(f) $\frac{9}{15} + 1\frac{1}{3} + 1\frac{1}{15}$

= _____

= _____

= _____

= _____

= _____

(6) Woordsomme met breuke

1) Daar is 42 kinders in die klas. $\frac{4}{6}$ van

die kinders is meisies.

(a) Hoeveel meisies is daar?

(b) Watter breukdeel is seuns?

c) Hoeveel seuns is daar?