

# Graad 5 – Boek B

(KABV uitgawe)

**Hersien vir 2023**

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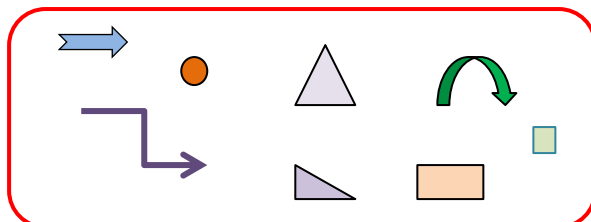
## Hoofstuk B1

### Breuke

Oefening 1:




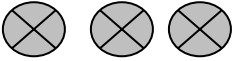
Datum: \_\_\_\_\_

(1) Beantwoord die vrae.



- (a) Hoeveel elemente is daar in die blok? \_\_\_\_\_
- (b) Hoeveel elemente is pyle? \_\_\_\_\_
- (c) Watter breukdeel van die elemente is pyle? \_\_\_\_\_
- (d) Watter breukdeel van die elemente is nie pyle nie? \_\_\_\_\_
- (e) Watter breukdeel is vierhoeke? \_\_\_\_\_
- (f) Watter breukdeel is nie vierhoeke nie? \_\_\_\_\_
- (g) Watter breukdeel is driehoeke? \_\_\_\_\_
- (h) Watter breukdeel is nie driehoeke nie? \_\_\_\_\_
- (i) Watter breukdeel van die elemente is sirkels? \_\_\_\_\_
- (j) Watter breukdeel van die elemente is nie sirkels of driehoeke nie? \_\_\_\_\_

(2) Watter breukdeel is ingekleur en watter breukdeel is nie ingekleur nie?

	BREUKDEEL INGEKLEUR	BREUKDEEL NIE INGEKLEUR NIE
(a) 		
(b) 		
(c) 		
(d) 		

### VERMENIGVULDIGING EN DELING (Spoedtoets)

(2x – 5x)

Oefening B1A:

Datum: \_\_\_\_\_

Skryf slegs die antwoord neer.

- |  |  |   |  |
|--|--|---|--|
| (a) $3 \times 3 =$ _____<br>(b) $12 \div 4 =$ _____<br>(c) $12 \times 5 =$ _____<br>(d) $24 \div 4 =$ _____<br>(e) $3 \times 5 =$ _____<br>(f) $48 \div 4 =$ _____<br>(g) $3 \times 4 =$ _____<br>(h) $30 \div 5 =$ _____<br>(i) $3 \times 3 =$ _____<br>(j) $12 \times 3 =$ _____ | (a) $16 \div 4 =$ _____<br>(b) $9 \times 3 =$ _____<br>(c) $25 \div 5 =$ _____<br>(d) $3 \times 4 =$ _____<br>(e) $100 \div 4 =$ _____<br>(f) $8 \times 3 =$ _____<br>(g) $100 \div 5 =$ _____<br>(h) $7 \times 3 =$ _____<br>(i) $24 \div 2 =$ _____<br>(j) $20 \times 5 =$ _____ | (a) $25 \times 4 =$ _____<br>(b) $36 \div 4 =$ _____<br>(c) $4 \times 5 =$ _____<br>(d) $12 \div 3 =$ _____<br>(e) $7 \times 4 =$ _____<br>(f) $4 \div 0 =$ _____<br>(g) $7 \times 5 =$ _____<br>(h) $48 \div 2 =$ _____<br>(i) $4 \times 5 =$ _____<br>(j) $28 \div 4 =$ _____ | (a) $7 \times 3 =$ _____<br>(b) $32 \div 4 =$ _____<br>(c) $0 \times 3 =$ _____<br>(d) $48 \div 4 =$ _____<br>(e) $50 \div 2 =$ _____<br>(f) $27 \div 3 =$ _____<br>(g) $18 \div 3 =$ _____<br>(h) $70 \div 2 =$ _____<br>(i) $48 \div 3 =$ _____<br>(j) $24 \div 4 =$ _____ |
|--|--|---|--|

Totaal: 
 Totaal: 
 Totaal: 
 Totaal:

Totaal uit 40:

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Gebruik die tabel om die breuke te vergelyk.

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

(3) Vul in:  $>$ ;  $<$  of  $=$

(a)  $\frac{4}{4}$    $\frac{1}{2}$

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

(c)  $\frac{2}{4}$    $\frac{1}{2}$

(d)  $\frac{4}{4}$    $\frac{2}{2}$

(f)  $\frac{3}{8}$    $\frac{2}{4}$

(f)  $\frac{1}{8}$    $\frac{1}{2}$

(g)  $\frac{6}{8}$    $\frac{3}{4}$

(h)  $\frac{1}{1}$    $\frac{4}{4}$

(i)  $\frac{8}{8}$    $\frac{2}{2}$

(j)  $\frac{1}{4}$    $\frac{3}{8}$

(k)  $\frac{1}{2}$    $\frac{3}{4}$

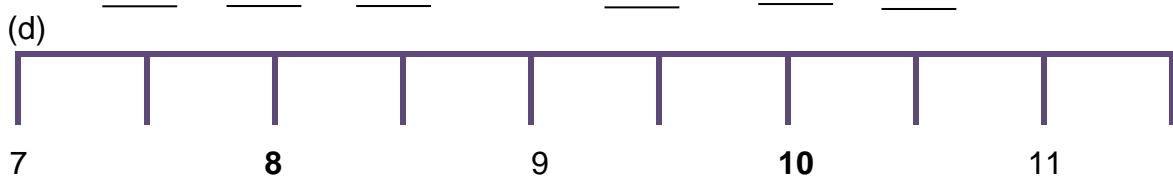
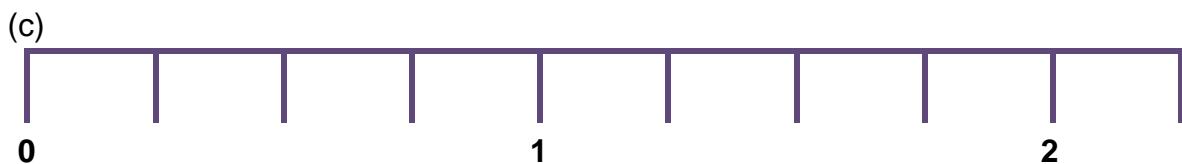
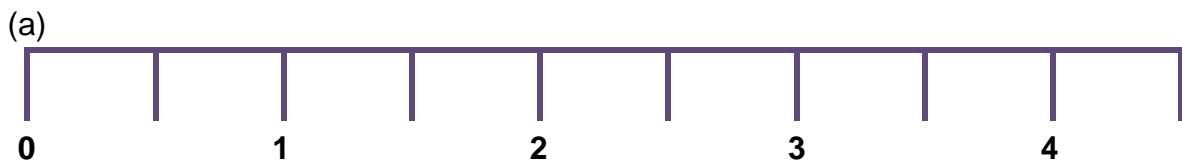
(l)  $\frac{4}{4}$    $\frac{4}{8}$

(m)  $\frac{5}{8}$    $\frac{1}{2}$

(n)  $\frac{1}{1}$    $\frac{8}{8}$

(o)  $\frac{4}{8}$    $\frac{1}{2}$

(4) Voltooi die getallelyne.





EGTE BREUK	ONEGTE BREUK	GEMENGDE GETAL
$\frac{3}{4}$	$\frac{5}{4}$	$1\frac{1}{4}$
Die breuk is <b>kleiner</b> as 1 hele. Die teller is dus kleiner as die noemer.	Die breuk is <b>groter</b> as 1 hele. Die teller is dus groter as die noemer.	Die breuk is <b>groter</b> as 1 hele.

**Oefening 2:**

Datum: \_\_\_\_\_

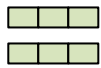
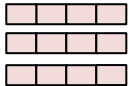
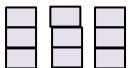
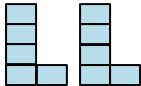
(1) Klassifiseer die breuke as egte breuke, onegte breuke of gemengde getalle.

$\frac{1}{3}$	$\frac{4}{3}$	$\frac{1}{5}$	$1\frac{1}{5}$
_____	_____	_____	_____
breuk	breuk	breuk	getal

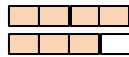
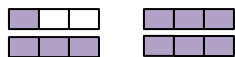
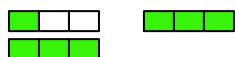
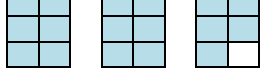
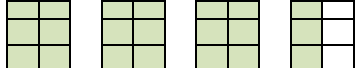
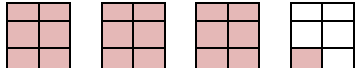
(2) Omkring al die breuke wat meer as 1 hele is.

$\frac{7}{8}$	$\frac{4}{5}$	$\frac{3}{8}$	$\frac{7}{6}$	$\frac{2}{3}$	$\frac{4}{1}$	$\frac{8}{8}$	$\frac{7}{5}$	$1\frac{7}{8}$
---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	----------------

(3) Hoeveel heles is daar in elk van die volgende?

<p>(a)  <math>\frac{6}{3} =</math> _____</p> <p>(c)  <math>\frac{12}{4} =</math> _____</p> <p>(e) ? <math>\frac{8}{2} =</math> _____</p> <p>(g) ? <math>\frac{20}{2} =</math> _____</p> <p>(i) ? <math>\frac{12}{4} =</math> _____</p>	<p>(b)  <math>\frac{9}{3} =</math> _____</p> <p>(d)  <math>\frac{10}{5} =</math> _____</p> <p>(f) ? <math>\frac{16}{4} =</math> _____</p> <p>(h) ? <math>\frac{36}{4} =</math> _____</p> <p>(j) ? <math>\frac{18}{2} =</math> _____</p>
--	---

(4) Watter breukdeel is elke keer ingekleur? Skryf dit ook as 'n gemengde getal.

<p>(a)  → _____</p> <p>(c)  → _____</p> <p>(e)  → _____</p>	<p>(b)  → _____</p> <p>(d)  → _____</p> <p>(f)  → _____</p>
--	---





1 HELE											
$\frac{1}{2}$						$\frac{1}{2}$					
$\frac{1}{3}$				$\frac{1}{3}$				$\frac{1}{3}$			
$\frac{1}{6}$		$\frac{1}{6}$		$\frac{1}{6}$		$\frac{1}{6}$		$\frac{1}{6}$		$\frac{1}{6}$	
$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$

**Oefening 3:**

Datum: \_\_\_\_\_

**(1) Voltooi met ekwivalente breuke.**

$$1 = \frac{\boxed{\phantom{000}}}{2} = \frac{\boxed{\phantom{000}}}{3} = \frac{\boxed{\phantom{000}}}{6} = \frac{\boxed{\phantom{000}}}{12}$$

**(2) Kyk na die diagram en beantwoord die vrae**

(a)  $\frac{2}{6} =$  \_\_\_\_\_ derde

(c)  $\frac{2}{3} =$  \_\_\_\_\_ sesdes

(e)  $\frac{3}{6} =$  \_\_\_\_\_ halwe

(g)  $\frac{1}{2} =$  \_\_\_\_\_ twaalfdes

(i)  $\frac{1}{2} =$  \_\_\_\_\_ sesdes

(k)  $\frac{3}{3} =$  \_\_\_\_\_ hele

(m)  $\frac{12}{12} =$  \_\_\_\_\_ sesdes

\*(o)  $\frac{9}{3} =$  \_\_\_\_\_ heles

\*(q)  $\frac{12}{3} =$  \_\_\_\_\_ heles

\*(s)  $\frac{36}{12} =$  \_\_\_\_\_ heles

(b)  $\frac{6}{6} =$  \_\_\_\_\_ hele

(d)  $\frac{4}{12} =$  \_\_\_\_\_ derde

(f)  $\frac{8}{12} =$  \_\_\_\_\_ sesdes

(h)  $\frac{1}{3} =$  \_\_\_\_\_ twaalfdes

(j)  $\frac{4}{6} =$  \_\_\_\_\_ twaalfdes

(l)  $\frac{1}{1} =$  \_\_\_\_\_ derdes

\*(n)  $\frac{4}{2} =$  \_\_\_\_\_ heles

\*(p)  $\frac{24}{12} =$  \_\_\_\_\_ heles

\*(r)  $\frac{18}{3} =$  \_\_\_\_\_ heles

\*(t)  $\frac{24}{6} =$  \_\_\_\_\_ heles

**(3) Voltooi die regte tellers om heles te maak.**

(a)  $\frac{\boxed{\phantom{000}}}{2} = 5$

(d)  $\frac{\boxed{\phantom{000}}}{4} = 2$

(g)  $\frac{\boxed{\phantom{000}}}{5} = 2$

(b)  $\frac{\boxed{\phantom{000}}}{3} = 2$

(e)  $\frac{\boxed{\phantom{000}}}{4} = 4$

(h)  $\frac{\boxed{\phantom{000}}}{4} = 6$

(c)  $\frac{\boxed{\phantom{000}}}{3} = 3$

(f)  $\frac{\boxed{\phantom{000}}}{2} = 5$

(i)  $\frac{\boxed{\phantom{000}}}{5} = 3$



## Gemengde getalle en onegte breuke

**Oefening 4:**

Datum: \_\_\_\_\_

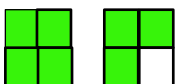

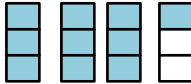
**(1) Hoeveel heles is daar elke keer en hoeveel van die breuk bly oor?**

- (a)  $\frac{9}{5} = \frac{5}{5} + \frac{4}{5} = \underline{1 \text{ hele}}$  en  $\underline{4}$  vyfdes
- (b)  $\frac{11}{6} = \underline{\hspace{2cm}}$  =  $\underline{\hspace{2cm}}$  en  $\underline{\hspace{2cm}}$  sesdes
- (c)  $\frac{9}{7} = \underline{\hspace{2cm}}$  =  $\underline{\hspace{2cm}}$  en  $\underline{\hspace{2cm}}$  sewendes
- (d)  $\frac{15}{6} = \underline{\hspace{2cm}}$  =  $\underline{\hspace{2cm}}$  en  $\underline{\hspace{2cm}}$  sesdes
- \*(e)  $\frac{7}{3} = \underline{\hspace{2cm}}$  =  $\underline{\hspace{2cm}}$  en  $\underline{\hspace{2cm}}$  derde
- \*(f)  $\frac{19}{7} = \underline{\hspace{2cm}}$  =  $\underline{\hspace{2cm}}$  en  $\underline{\hspace{2cm}}$  sewendes
- (g)  $\frac{9}{6} = \underline{\hspace{2cm}}$  =  $\underline{\hspace{2cm}}$  en  $\underline{\hspace{2cm}}$  sesdes
- (h)  $\frac{6}{5} = \underline{\hspace{2cm}}$  =  $\underline{\hspace{2cm}}$  en  $\underline{\hspace{2cm}}$  vyfde

**(2) Skryf dit nou andersom.**

- (a)  $1\frac{3}{5} = \underline{\hspace{4cm}} = \underline{\hspace{4cm}}$
- (b)  $2\frac{2}{3} = \underline{\hspace{4cm}} = \underline{\hspace{4cm}}$
- (c)  $1\frac{3}{7} = \underline{\hspace{4cm}} = \underline{\hspace{4cm}}$
- (d)  $1\frac{5}{6} = \underline{\hspace{4cm}} = \underline{\hspace{4cm}}$
- (e)  $2\frac{1}{3} = \underline{\hspace{4cm}} = \underline{\hspace{4cm}}$
- (f)  $2\frac{1}{7} = \underline{\hspace{4cm}} = \underline{\hspace{4cm}}$
- (g)  $2\frac{2}{4} = \underline{\hspace{4cm}} = \underline{\hspace{4cm}}$

**(3) Skryf somme om die volgende tekeninge te pas.**

- |     | Aantal ingekleur  |                            | Onegte breuk |
|-----|---|----------------------------|--------------|
| (a) |  | = _____ heles _____ kwarte | of _____     |
| (b) |  | = _____ heles _____ halwe  | of _____     |
| (c) |  | = _____ heles _____ derde  | of _____     |



## Ekwivalente breuke (Dit beteken breuke wat dieselfde waarde het.)

**Oefening 5:**

**Datum:** \_\_\_\_\_

		$\frac{1}{2} \times \frac{3}{3} = \frac{3}{6}$ <b>daarom is:</b> $\frac{1}{2} = \frac{3}{6}$

**(1) Skryf ekwivalente breuke neer.**

**GOUE REËL:** Vermenigvuldig of deel bo en onder met dieselfde getal.

<p>(a) <math>\frac{1}{2} \times \frac{3}{3} = \frac{3}{6}</math></p>	<p>(b) <math>\frac{1}{3} \times \frac{2}{2} = \underline{\hspace{2cm}}</math></p>	<p>(c) <math>\frac{1}{3} \times \frac{3}{3} = \underline{\hspace{2cm}}</math></p>
<p>(d) <math>\frac{2}{5} \times \frac{2}{2} = \underline{\hspace{2cm}}</math></p>	<p>(e) <math>\frac{3}{4} \times \underline{\hspace{2cm}} = \frac{9}{12}</math></p>	<p>(f) <math>\frac{3}{4} \times \frac{5}{5} = \underline{\hspace{2cm}}</math></p>
<p>(g) <math>\frac{3}{6} \times \underline{\hspace{2cm}} = \frac{6}{12}</math></p>	<p>(h) <math>\frac{5}{8} \times \underline{\hspace{2cm}} = \frac{10}{16}</math></p>	<p>(i) <math>\frac{1}{9} \times \frac{2}{2} = \underline{\hspace{2cm}}</math></p>
<p>(j) <math>\frac{4}{7} \times \underline{\hspace{2cm}} = \frac{8}{14}</math></p>	<p>(k) <math>\frac{3}{6} \times \underline{\hspace{2cm}} = \frac{6}{12}</math></p>	<p>(l) <math>\frac{2}{3} \times \frac{5}{5} = \underline{\hspace{2cm}}</math></p>
<p>(m) <math>\frac{4}{9} \times \underline{\hspace{2cm}} = \frac{40}{90}</math></p>	<p>(n) <math>\frac{2}{9} \times \underline{\hspace{2cm}} = \frac{18}{81}</math></p>	<p>(o) <math>\frac{1}{5} \times \frac{14}{14} = \underline{\hspace{2cm}}</math></p>

**(2) Skryf die regte getalle neer in die oop spasies om elke stelling waar te maak.**


<p>(a) <math>\frac{1}{2} = \frac{\hspace{1cm}}{6}</math></p>	<p>(b) <math>\frac{1}{2} = \frac{\hspace{1cm}}{4}</math></p>	<p>(c) <math>\frac{1}{2} = \frac{\hspace{1cm}}{8}</math></p>	<p>(d) <math>\frac{1}{2} = \frac{\hspace{1cm}}{10}</math></p>
<p>(e) <math>\frac{1}{4} = \frac{\hspace{1cm}}{8}</math></p>	<p>(f) <math>\frac{1}{4} = \frac{\hspace{1cm}}{12}</math></p>	<p>(g) <math>\frac{1}{4} = \frac{\hspace{1cm}}{20}</math></p>	<p>(h) <math>\frac{1}{4} = \frac{\hspace{1cm}}{16}</math></p>
<p>(i) <math>\frac{1}{3} = \frac{\hspace{1cm}}{6}</math></p>	<p>(j) <math>\frac{1}{3} = \frac{\hspace{1cm}}{12}</math></p>	<p>(k) <math>\frac{1}{3} = \frac{\hspace{1cm}}{18}</math></p>	<p>(l) <math>\frac{1}{3} = \frac{\hspace{1cm}}{21}</math></p>
<p>(m) <math>\frac{1}{5} = \frac{\hspace{1cm}}{10}</math></p>	<p>(n) <math>\frac{1}{5} = \frac{\hspace{1cm}}{40}</math></p>	<p>(o) <math>\frac{1}{5} = \frac{\hspace{1cm}}{20}</math></p>	<p>(p) <math>\frac{1}{5} = \frac{\hspace{1cm}}{30}</math></p>
<p>(q) <math>\frac{2}{6} = \frac{\hspace{1cm}}{12}</math></p>	<p>(r) <math>\frac{4}{5} = \frac{\hspace{1cm}}{15}</math></p>	<p>(s) <math>\frac{2}{3} = \frac{\hspace{1cm}}{30}</math></p>	<p>(t) <math>\frac{4}{6} = \frac{\hspace{1cm}}{24}</math></p>
<p>(u) <math>\frac{3}{4} = \frac{\hspace{1cm}}{24}</math></p>	<p>(v) <math>\frac{4}{8} = \frac{\hspace{1cm}}{32}</math></p>	<p>(w) <math>\frac{5}{7} = \frac{\hspace{1cm}}{35}</math></p>	<p>(x) <math>\frac{4}{6} = \frac{\hspace{1cm}}{36}</math></p>



## Nog ekwivalente breuke (Vereenvoudig)

**Oefening 6:**

Datum: \_\_\_\_\_

	$\frac{6}{12} \div \frac{6}{6} = \frac{1}{2}$ <i>daarom is:</i> $\frac{3}{6} = \frac{1}{2}$
---	---

**(1) Skryf ekwivalente breuke neer:**

**GOUE REËL:** Vermenigvuldig of deel bo en onder met dieselfde getal.

(a)  $\frac{6}{12} \div \frac{6}{6} = \frac{1}{2}$

(b)  $\frac{9}{12} \div \frac{3}{3} = \underline{\hspace{2cm}}$

(c)  $\frac{4}{8} \div \frac{4}{4} = \underline{\hspace{2cm}}$

(d)  $\frac{6}{8} \div \frac{2}{2} = \underline{\hspace{2cm}}$

(e)  $\frac{12}{15} \div \frac{3}{3} = \underline{\hspace{2cm}}$

(f)  $\frac{5}{10} \div \frac{5}{5} = \underline{\hspace{2cm}}$

(g)  $\frac{7}{14} \div \underline{\hspace{2cm}} = \frac{1}{2}$

(h)  $\frac{8}{16} \div \underline{\hspace{2cm}} = \frac{1}{2}$

(i)  $\frac{9}{18} \div \underline{\hspace{2cm}} = \frac{1}{2}$

(j)  $\frac{18}{21} \div \frac{3}{3} = \underline{\hspace{2cm}}$

(k)  $\frac{12}{24} \div \frac{12}{12} = \underline{\hspace{2cm}}$

(l)  $\frac{24}{30} \div \frac{6}{6} = \underline{\hspace{2cm}}$

(m)  $\frac{20}{30} \div \frac{10}{10} = \underline{\hspace{2cm}}$

(n)  $\frac{9}{27} \div \frac{9}{9} = \underline{\hspace{2cm}}$

(o)  $\frac{15}{20} \div \frac{5}{5} = \underline{\hspace{2cm}}$

**(2) Vul die regte getalle in om die stelling waar te maak:**

(a)  $\frac{\hspace{2cm}}{6} = \frac{1}{2}$

(b)  $\frac{\hspace{2cm}}{12} = \frac{1}{2}$

(c)  $\frac{\hspace{2cm}}{20} = \frac{1}{2}$

(d)  $\frac{\hspace{2cm}}{18} = \frac{1}{2}$

(e)  $\frac{\hspace{2cm}}{12} = \frac{1}{4}$

(f)  $\frac{\hspace{2cm}}{20} = \frac{1}{4}$

(g)  $\frac{\hspace{2cm}}{16} = \frac{1}{4}$

(h)  $\frac{\hspace{2cm}}{24} = \frac{1}{4}$

(i)  $\frac{\hspace{2cm}}{12} = \frac{1}{3}$

(j)  $\frac{\hspace{2cm}}{15} = \frac{1}{3}$

(k)  $\frac{\hspace{2cm}}{6} = \frac{1}{3}$

(l)  $\frac{\hspace{2cm}}{9} = \frac{1}{3}$

**(3) Hoeveel heles is daar?**

(a)  $\frac{12}{6} = \underline{\hspace{2cm}}$

(b)  $\frac{14}{7} = \underline{\hspace{2cm}}$

(c)  $\frac{21}{3} = \underline{\hspace{2cm}}$

(d)  $\frac{18}{6} = \underline{\hspace{2cm}}$

(e)  $\frac{24}{6} = \underline{\hspace{2cm}}$

(f)  $\frac{30}{6} = \underline{\hspace{2cm}}$

(g)  $\frac{16}{4} = \underline{\hspace{2cm}}$

(h)  $\frac{20}{5} = \underline{\hspace{2cm}}$

(i)  $\frac{28}{4} = \underline{\hspace{2cm}}$





Optel van breuke**Oefening 7:**

Datum: \_\_\_\_\_

**(1) Voltooi die patrone.**

(a)

$$4 \xrightarrow{+\frac{1}{2}} \boxed{\phantom{00}} \xrightarrow{+\frac{1}{2}} \boxed{\phantom{00}} \xrightarrow{+\frac{1}{2}} \boxed{\phantom{00}}$$

(b)

$$6 \xrightarrow{+\frac{1}{2}} \boxed{\phantom{00}} \xrightarrow{+\frac{1}{2}} \boxed{7} \xrightarrow{+\frac{1}{2}} \boxed{7\frac{1}{2}}$$

$$\boxed{\phantom{00}} \xleftarrow{+\frac{1}{2}} \boxed{\phantom{00}} \xleftarrow{+\frac{1}{2}} \boxed{\phantom{00}} \xleftarrow{+\frac{1}{2}} \boxed{\phantom{00}}$$

(c)

$$3 \xrightarrow{+\frac{1}{4}} \boxed{\phantom{00}} \xrightarrow{+\frac{1}{4}} \boxed{\phantom{00}} \xrightarrow{+\frac{1}{4}} \boxed{\phantom{00}}$$

$$\boxed{\phantom{00}} \xleftarrow{+\frac{1}{4}} \boxed{\phantom{00}} \xleftarrow{+\frac{1}{4}} \boxed{\phantom{00}} \xleftarrow{+\frac{1}{4}} \boxed{\phantom{00}}$$

**(2) Tel die breuke op.**

(a) $\frac{1}{4} + \frac{1}{4} = \frac{2}{4} = \frac{1}{2}$	(b) $\frac{1}{5} + \frac{3}{5} =$ _____	(c) $\frac{1}{3} + \frac{2}{3} =$ _____
(d) $\frac{1}{4} + \frac{3}{4} =$ _____	(e) $\frac{2}{5} + \frac{2}{5} =$ _____	(f) $\frac{3}{6} + \frac{1}{6} =$ _____
(g) $\frac{2}{7} + \frac{3}{7} =$ _____	(h) $\frac{5}{10} + \frac{1}{10} =$ _____	(i) $\frac{4}{8} + \frac{2}{8} =$ _____
(j) $\frac{3}{9} + \frac{6}{9} =$ _____	(k) $\frac{4}{5} + \frac{1}{5} =$ _____	(l) $\frac{2}{2} + \frac{1}{1} =$ _____
(m) $\frac{5}{4} + \frac{2}{4} =$ _____	(n) $\frac{3}{8} + \frac{4}{8} =$ _____	(o) $\frac{3}{4} + \frac{4}{4} =$ _____

## VERMENIGVULDIGING EN DELING (Spoedtoets)

**Oefening B1H:**

Datum: \_\_\_\_\_

**VOORKEUR VAN BEWERKINGS**
**Skryf slegs die antwoord neer.**

- |   |  |  |
|---|--|--|
| <p>(a) <math>2 \times 3 \times 8 =</math> _____</p> <p>(b) <math>3 \times 4 \div 6 =</math> _____</p> <p>(c) <math>4 \times 6 \div 8 =</math> _____</p> <p>(d) <math>2 \times 24 \div 4 =</math> _____</p> <p>(e) <math>7 \times 8 + 15 =</math> _____</p> <p>(f) <math>2 \times 15 \div 6 =</math> _____</p> <p>(g) <math>56 \div 8 \times 3 =</math> _____</p> <p>(h) <math>2 \times 25 \div 10 =</math> _____</p> <p>(i) <math>4 \times 3 \times 9 =</math> _____</p> <p>(j) <math>5 \times 12 \times 2 =</math> _____</p> | <p>(a) <math>16 \div 4 \times 25 =</math> _____</p> <p>(b) <math>6 \times 6 \div 6 =</math> _____</p> <p>(c) <math>64 \div 8 \times 25 =</math> _____</p> <p>(d) <math>3 \times 4 \times 6 =</math> _____</p> <p>(e) <math>54 \div 9 \div 2 =</math> _____</p> <p>(f) <math>5 \times 4 \times 5 =</math> _____</p> <p>(g) <math>3 \times 8 \times 2 =</math> _____</p> <p>(h) <math>8 \times 7 \div 2 =</math> _____</p> <p>(i) <math>32 \div 8 \times 6 =</math> _____</p> <p>(j) <math>2 \times 8 \times 2 \div 4 =</math> _____</p> | <p>(a) <math>6 \times 6 + 12 =</math> _____</p> <p>(b) <math>21 \div 3 + 13 =</math> _____</p> <p>(c) <math>12 + 18 \times 20 =</math> _____</p> <p>(d) <math>40 \div 8 \times 20 =</math> _____</p> <p>(e) <math>7 \times 8 \times 2 =</math> _____</p> <p>(f) <math>2 \times 16 \div 0 =</math> _____</p> <p>(g) <math>52 + 6 \times 5 =</math> _____</p> <p>(h) <math>63 - 84 \div 7 =</math> _____</p> <p>(i) <math>3 \times 3 \times 3 =</math> _____</p> <p>(j) <math>4 \times 4 \times 4 =</math> _____</p> |
|---|--|--|

Totaal: Totaal: Totaal: 
**Totaal uit 30:**


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**MOEILIKER OPTELLING EN VEREENVOUDIGING****Oefening 8:**

Datum: \_\_\_\_\_

**(1) Tel die breuke op en vereenvoudig die antwoord.**

(a) $\frac{3}{16} + \frac{5}{16} = \frac{8}{16} \div \frac{8}{8} = \frac{1}{2}$	(b) $\frac{4}{15} + \frac{8}{15} = \underline{\hspace{2cm}} \div \frac{3}{3} = \underline{\hspace{2cm}}$
(c) $\frac{2}{8} + \frac{2}{8} = \underline{\hspace{2cm}} \div \frac{4}{4} = \underline{\hspace{2cm}}$	(d) $\frac{12}{20} + \frac{3}{20} = \underline{\hspace{2cm}} \div \frac{5}{5} = \underline{\hspace{2cm}}$
(e) $\frac{11}{18} + \frac{1}{18} = \underline{\hspace{2cm}} \div \frac{6}{6} = \underline{\hspace{2cm}}$	(f) $\frac{24}{50} + \frac{6}{50} = \underline{\hspace{2cm}} \div \frac{10}{10} = \underline{\hspace{2cm}}$
(g) $\frac{15}{30} + \frac{5}{30} = \underline{\hspace{2cm}} \div \frac{10}{10} = \underline{\hspace{2cm}}$	(h) $\frac{6}{12} + \frac{2}{12} = \underline{\hspace{2cm}} \div \frac{4}{4} = \underline{\hspace{2cm}}$
(i) $\frac{25}{100} + \frac{35}{100} = \underline{\hspace{2cm}} \div \frac{20}{20} = \underline{\hspace{2cm}}$	(j) $\frac{15}{25} + \frac{5}{25} = \underline{\hspace{2cm}} \div \frac{5}{5} = \underline{\hspace{2cm}}$

**(2) Watter breuk moet elke keer bygetel word?**

(a) $\frac{3}{8} + \underline{\hspace{2cm}} = \frac{7}{8}$	(b) $\frac{3}{6} + \underline{\hspace{2cm}} = \frac{6}{6}$	(c) $\frac{2}{10} + \underline{\hspace{2cm}} = \frac{8}{10}$
(d) $\frac{3}{15} + \underline{\hspace{2cm}} = \frac{12}{15}$	(e) $\frac{2}{5} + \underline{\hspace{2cm}} = 1$	*(f) $\frac{2}{5} + \underline{\hspace{2cm}} = 2$
(g) $\frac{2}{10} + \underline{\hspace{2cm}} = \frac{9}{10}$	(h) $\frac{5}{8} + \underline{\hspace{2cm}} = 1$	*(i) $\frac{4}{6} + \underline{\hspace{2cm}} = 2$
(j) $\frac{8}{20} + \underline{\hspace{2cm}} = \frac{16}{20}$	(k) $\frac{4}{10} + \underline{\hspace{2cm}} = 1$	*(l) $\frac{1}{2} + \underline{\hspace{2cm}} = 2$
(m) $\frac{7}{8} + \underline{\hspace{2cm}} = 1$	(n) $\frac{4}{7} + \underline{\hspace{2cm}} = \frac{6}{7}$	*(o) $\frac{1}{5} + \underline{\hspace{2cm}} = 4$

**(3) Tel die heelgetalle en die breuke bymekaar.**

(a) $1 + 1\frac{1}{3} = \underline{\hspace{2cm}}$	(b) $1\frac{1}{4} + 1\frac{1}{4} = \underline{\hspace{2cm}}$
(c) $4\frac{1}{5} + 1\frac{3}{5} = \underline{\hspace{2cm}}$	(d) $4\frac{3}{6} + 1\frac{3}{6} = \underline{\hspace{2cm}}$
(e) $4\frac{1}{3} + 1\frac{1}{3} = \underline{\hspace{2cm}}$	(f) $1\frac{2}{8} + 1\frac{1}{8} = \underline{\hspace{2cm}}$
(g) $2\frac{3}{8} + 1\frac{1}{8} = \underline{\hspace{2cm}}$	(h) $1\frac{2}{6} + 1\frac{3}{6} = \underline{\hspace{2cm}}$

