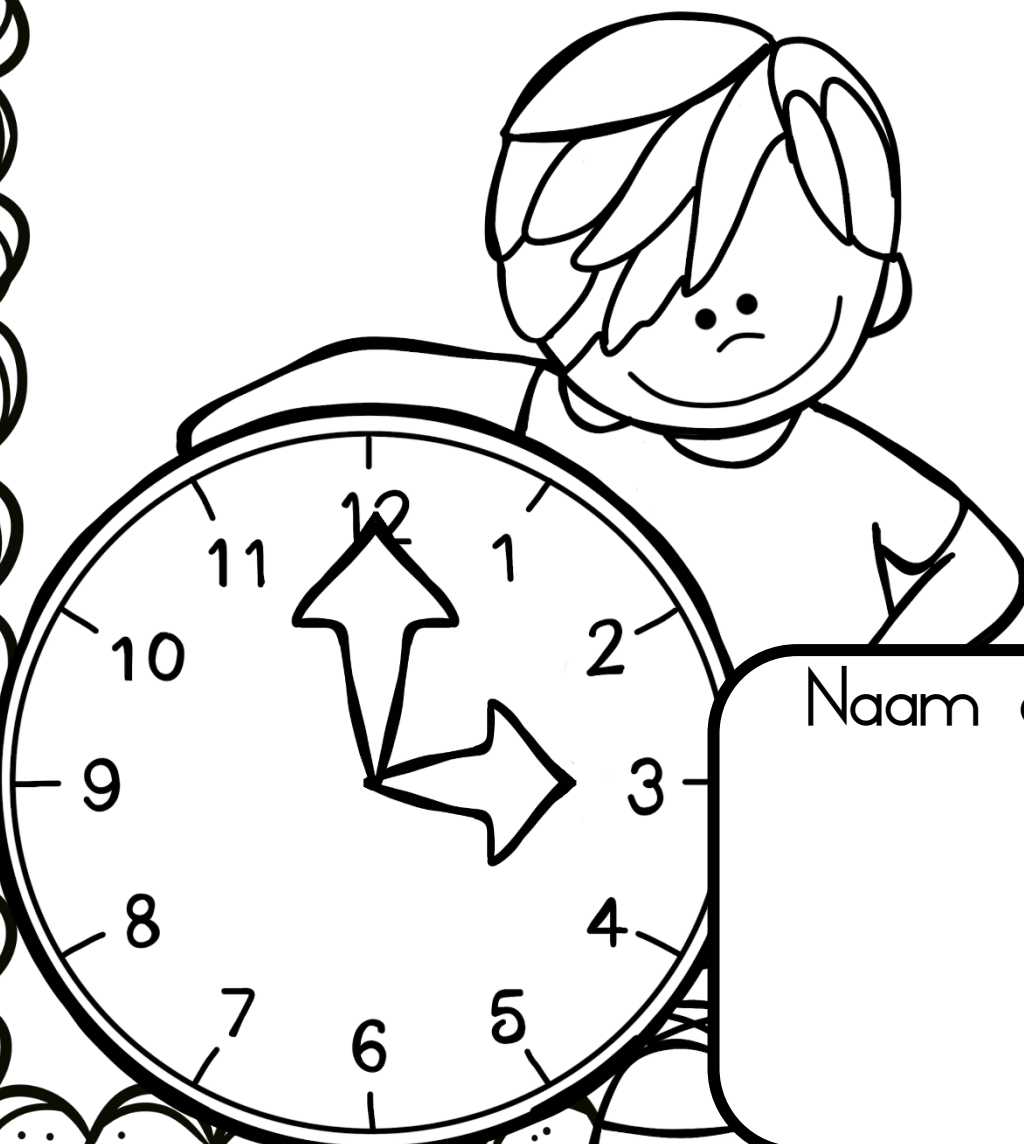


Graad 3
Wiskunde

Kwartaal 4

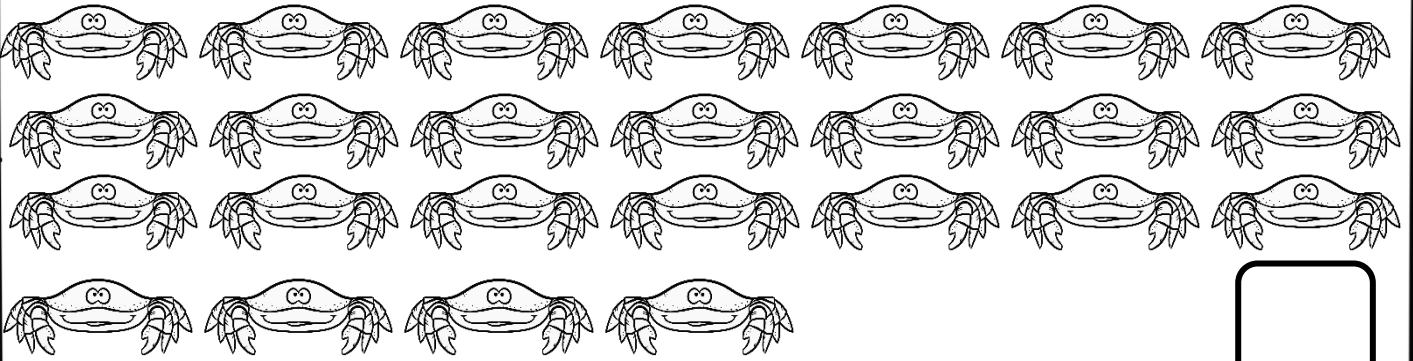


Naam en van:

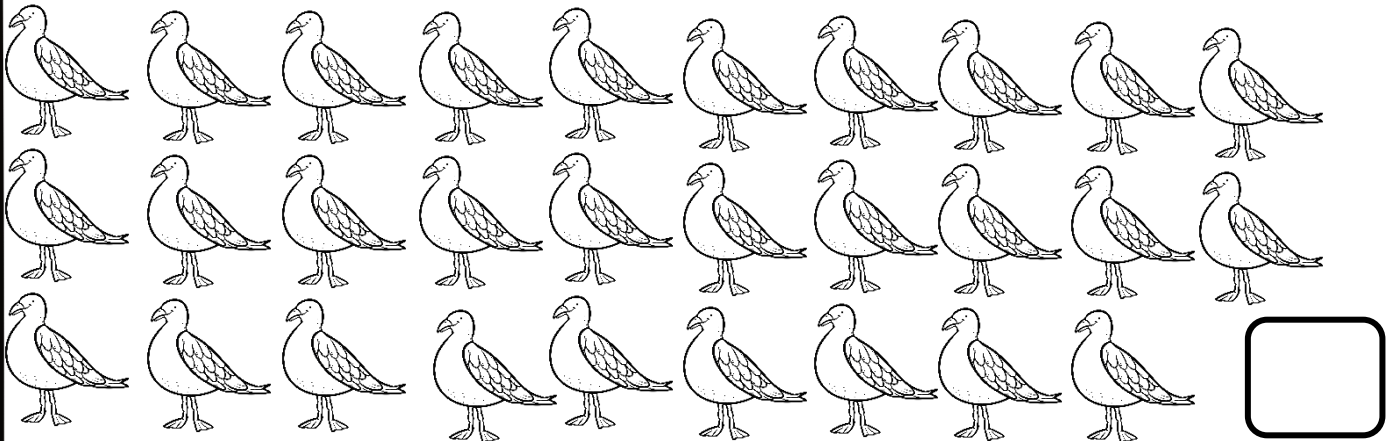
Tel voorwerpe

Mia en haar sussie sit op die strand en tel die verskillende seediere. Help hulle om reg te tel.

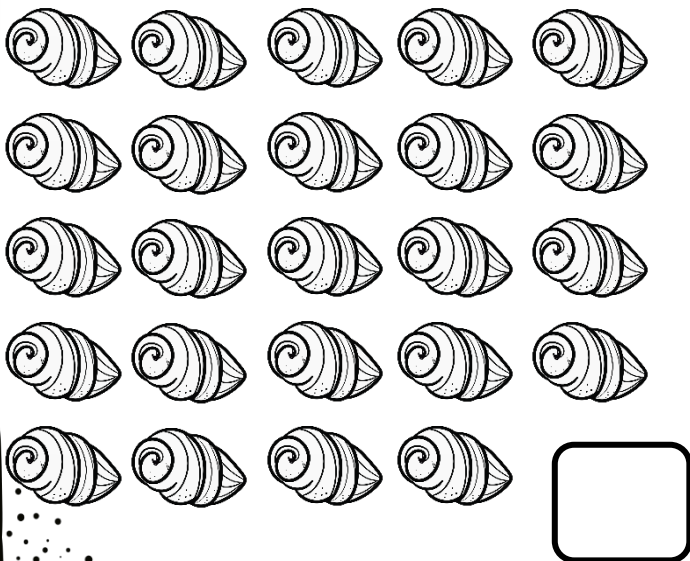
a. Hoeveel krappe tel jy?



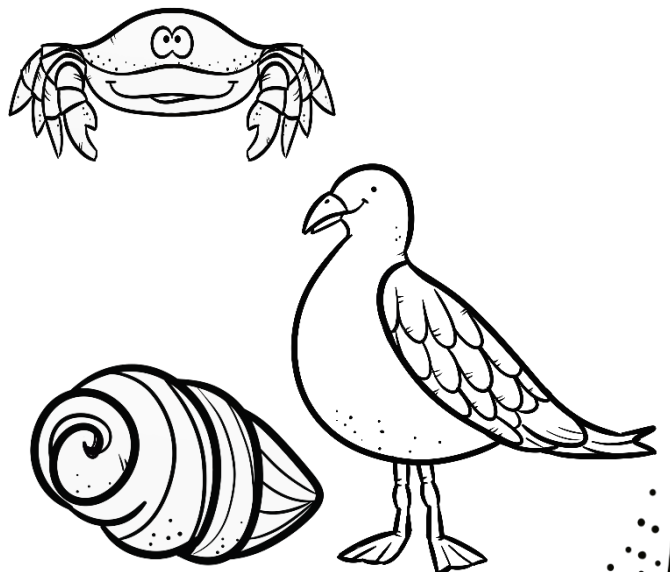
b. Hoeveel seemeeus tel jy?



c. Hoeveel skulpe tel jy?

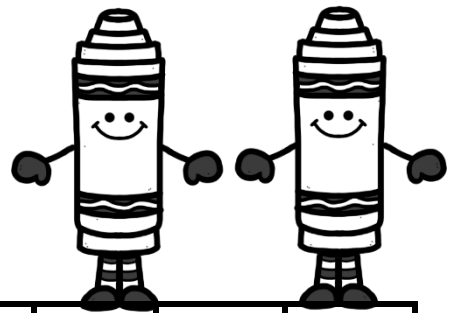


d. Kleur die een in wat die meeste is.



Tel aan en terug

Tel aan of terug vanaf 'n gegewe getal.



a. Tel terug in 2's.

564	562	___	___	___	___	552	___	___
-----	-----	-----	-----	-----	-----	-----	-----	-----

b. Tel terug in 4's.

788	784	780	___	___	___	764	___	___
-----	-----	-----	-----	-----	-----	-----	-----	-----

c. Tel terug in 10e.

500	490	480	___	___	___	440	___	___
___	400	___	___	___	360	___	___	___

d. Vul die ontbrekende getalle in.

600	___	700	___	800	___	___	___	1000
-----	-----	-----	-----	-----	-----	-----	-----	------

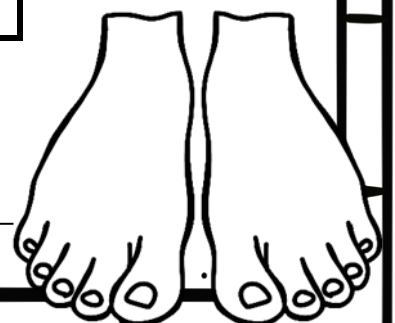
e. Tel aan in 25's.

725	750	775	___	___	___	___	___	___
-----	-----	-----	-----	-----	-----	-----	-----	-----

f. Voltooi die tabel.

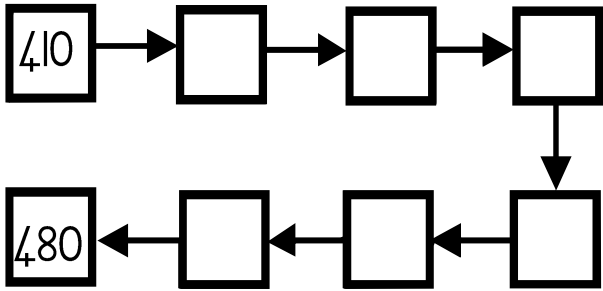
dogters	1	3	5	7	9	11
tone						

- Hoeveel tone sal 10 dogters hê? _____
- Skryf 'n getalsin om jou antwoord te staaf.

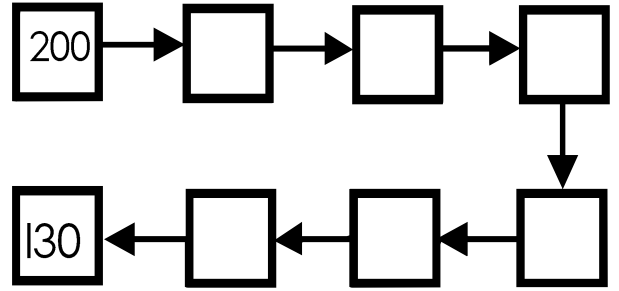


Tel aan en terug

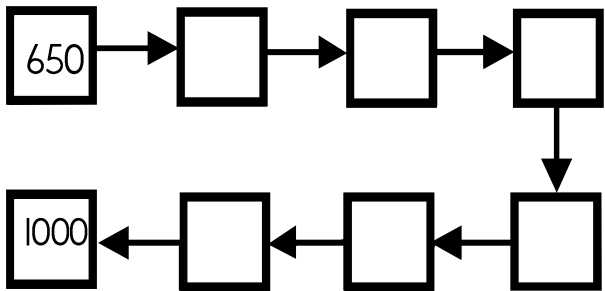
Tel in tiene vanaf 410 tot 480.



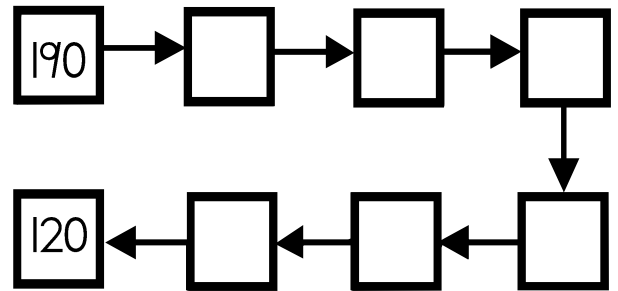
Tel terug in tiene vanaf 200 tot 130.



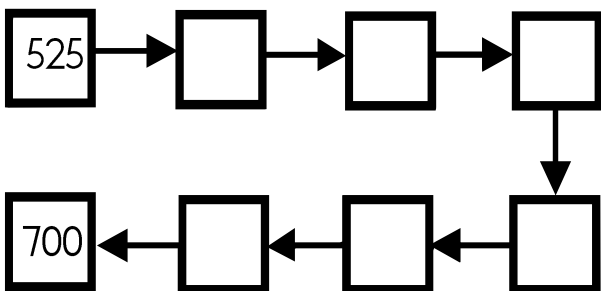
Tel terug in vyftigs vanaf 650 tot by 1000.



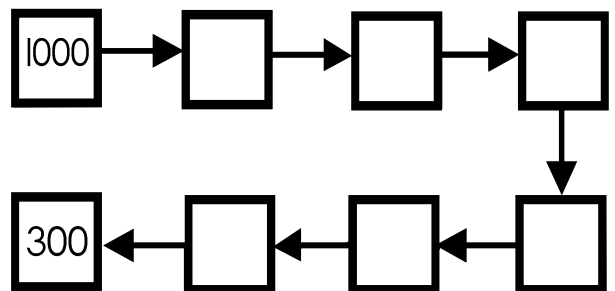
Tel terug in tiene vanaf 190 tot by 120.



Tel in 25's vanaf 525 tot 81.



Tel terug in 100de vanaf 1000 tot 169.



Getalname en Getalsimbole



Tweehonderd vyf en dertig



235

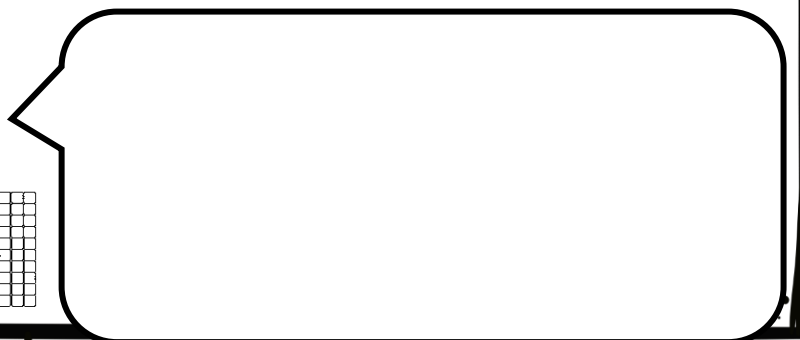
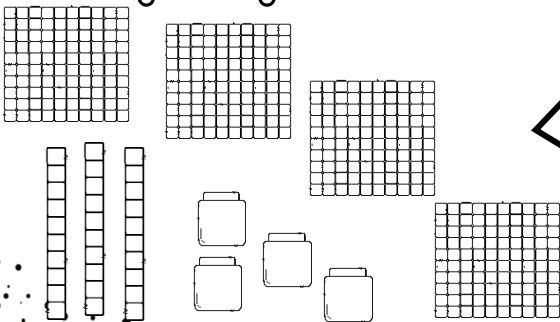
a. Skryf die getalsimbool vir die volgende:

1. Driehonderd twee en veertig → _____
2. Duisend → _____
3. Agthonderd een en twintig → _____
4. Drie en veertig → _____
5. Vierhonderd nege en sestig → _____

b. Skryf die getalnaam vir die getalsimbole.

1. 319 _____
2. 441 _____
3. 489 _____
4. 746 _____
5. 809 _____
6. 1000 _____
7. 999 _____

c. Skryf die getalnaam en die getalsimbool vir die volgende:



Getalname en Getalsimbole

Kleur die regte getalsimbool in vir elke getalnaam.

sewe en tagtig		
87	78	77

ses en negentig		
69	96	61

een en dertig		
33	13	31

seshonderd en sewentien		
607	671	617

eenhonderd vier en twintig		
124	142	241

vierhonderd vyf en veertig		
454	545	445

sewehonderd en twaalf		
712	721	217

driehonderd agt en negentig		
398	389	893

negehonderd en twee		
920	902	922

Skryf die getalsimbool vir die volgende:

a. 7 honderde + 8 tiene + 3 ene = _____

b. 3 ene + 6 honderde + 1 tien = _____

c. dertien tiene + 1 honderd = _____

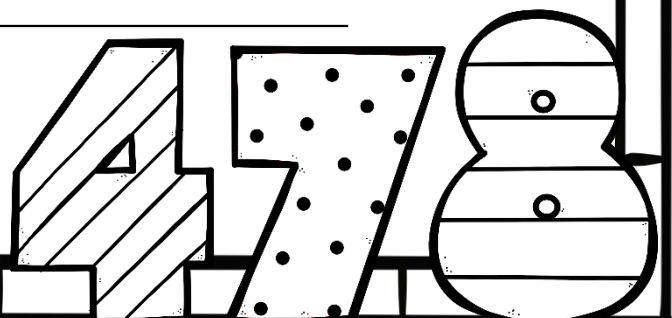
d. agthonderd drie en sestig = _____

e. vyfhonderd sewe en sestig = _____

f. 5 honderde + 2 tiene + 9 ene = _____

g. negehonderd ses en sewentig = _____

h. duisend = _____



Beskryf vergelyk, orden getalle

a. Skryf die getalnaam vir die volgende:

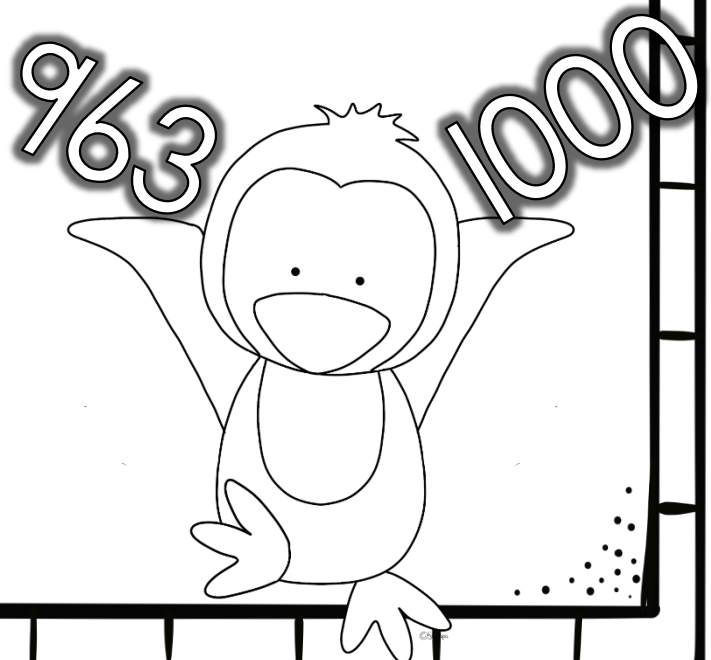
	Getalnaam
Die getal wat voor 700 kom:	
Die getal wat voor 548 kom:	
Die getal wat na 999 kom:	
Die getal wat voor 988 kom:	
$462 + 5 = ?$	

b. Voltooi die getalsimbole op die getallekaart.

961	962	963	964	965					970
971	972					977	978		980
	982	983	984	985	986		988	989	
991		993	994	995		997	998		1000

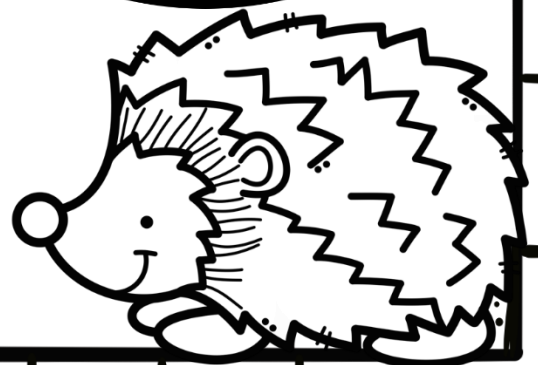
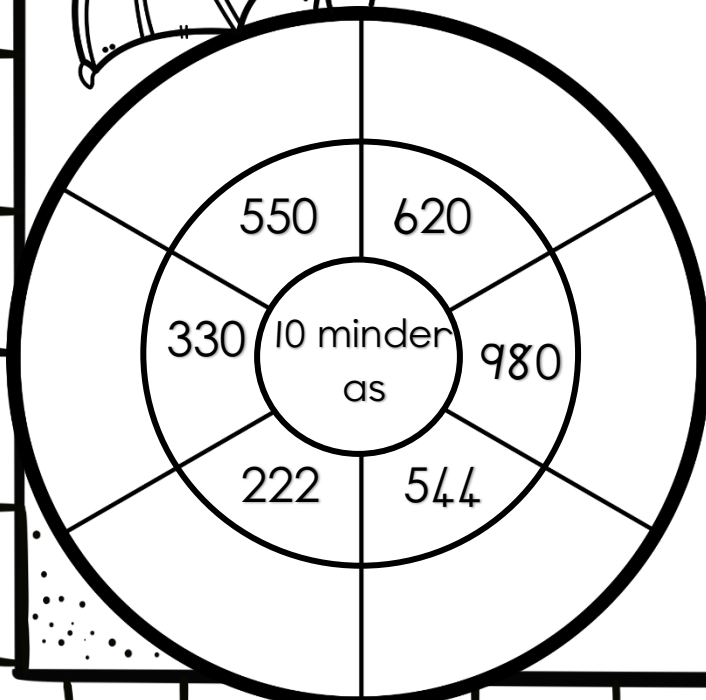
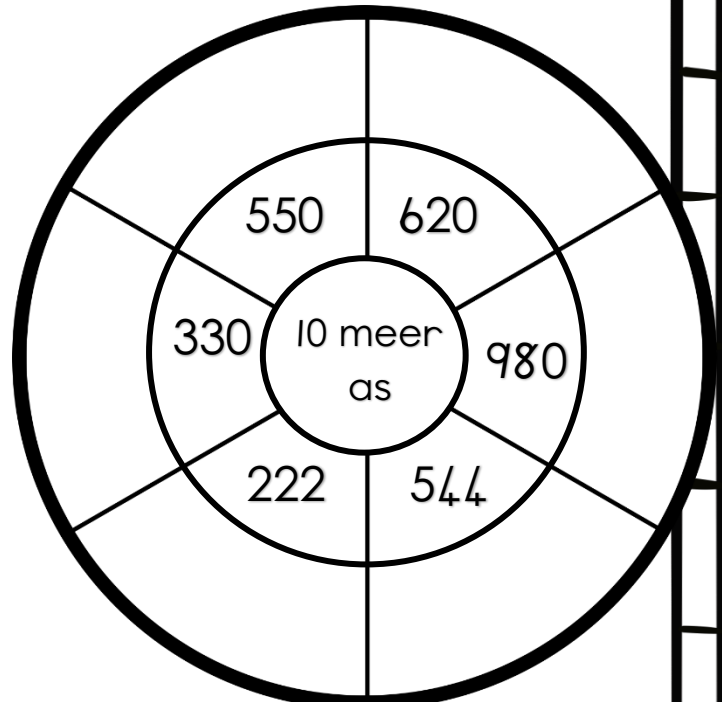
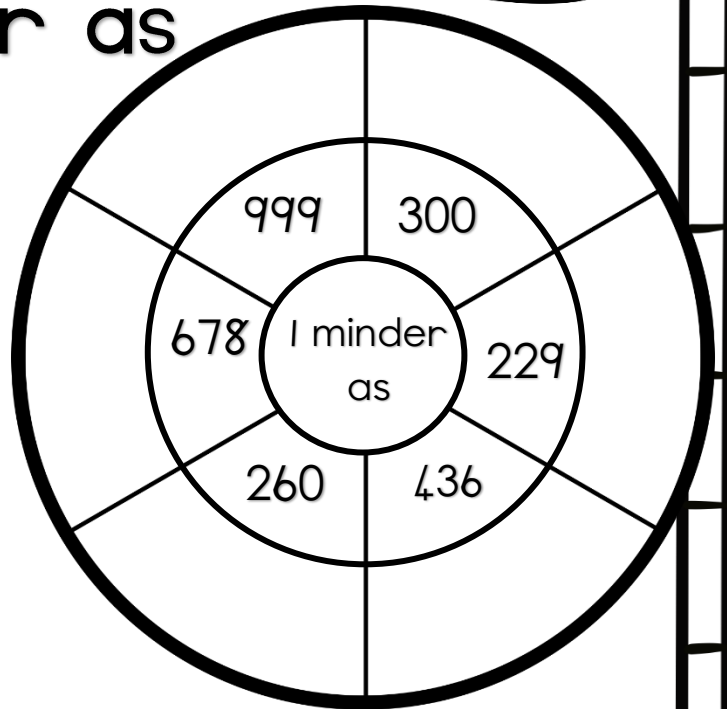
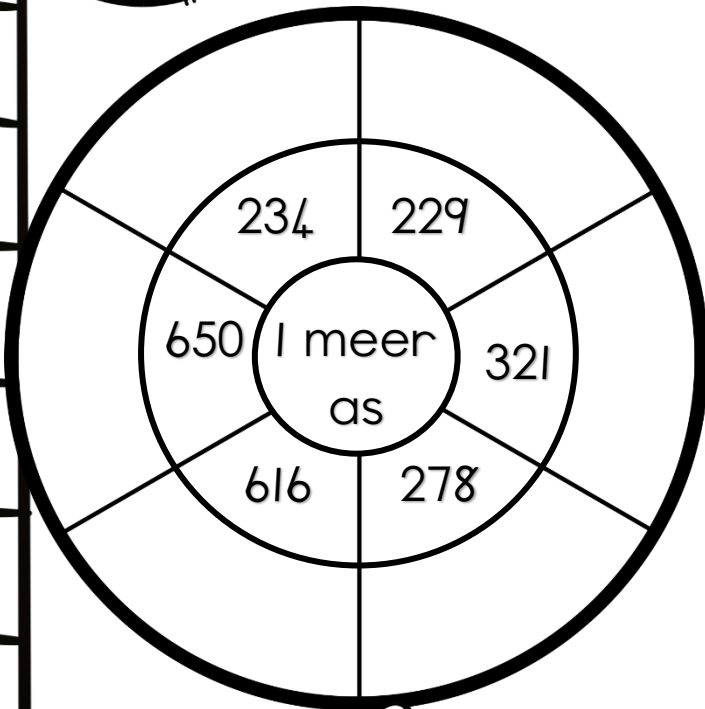
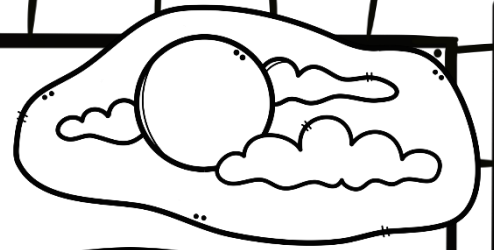
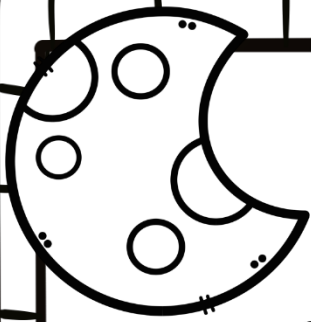
c. Lees die getalname hieronder, soek die getalsimbool dan op die getallekaart en kleur die blokkie in.

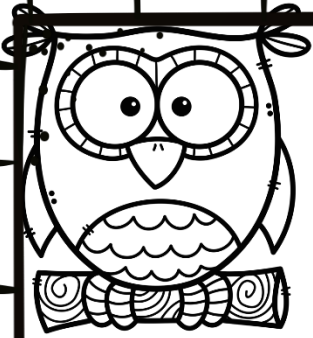
- ❖ negehonderd nege en negentig.
- ❖ negehonderd en sewentig
- ❖ negehonderd twee en tagtig
- ❖ negehonderd een en sestig
- ❖ negehonderd vyf en negentig
- ❖ negehonderd en negentig
- ❖ Duisend



Meer as

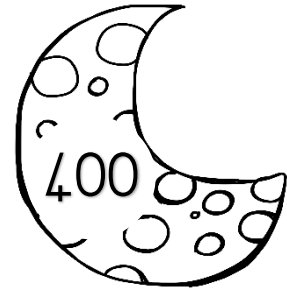
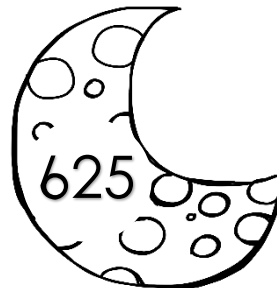
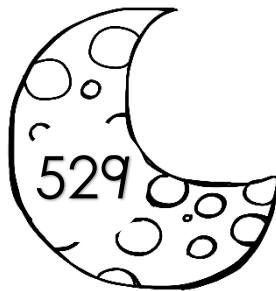
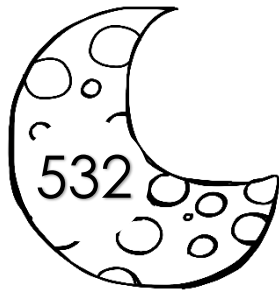
en minder as





Beskryf vergelyk, orden getalle

Nagdiere sukkel baie om in die aand te sien. Help hulle om die antwoorde in die mane by die regte vraag te skryf.



a. 1 minder as 529 is _____

b. 1 meer as 529 is _____

c. 5 meer as 625 is _____

d. 5 minder as 625 is _____

e. 10 meer as 640 is _____

f. 10 minder as 640 is _____

g. 20 meer as 640 is _____

h. 25 meer as 625 is _____

i. 50 meer as 400 is _____

j. 50 minder as 400 is _____

k. Die ewe getalle is _____

l. Die onewe getalle is _____

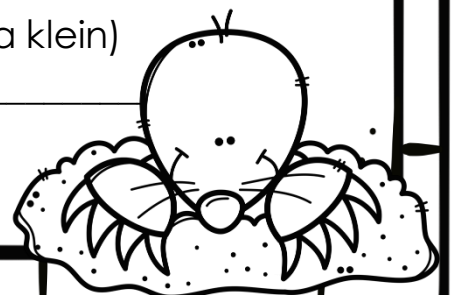
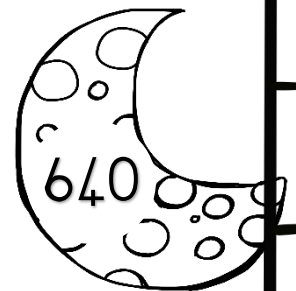
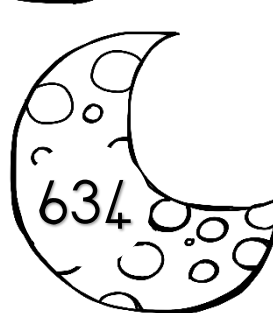
m. Verdubbel 400 _____

n. Halveer 400 _____

o. Halveer 640 _____

p. Orden die getalle in stygende orde. (klein na groot)

q. Orden die getalle in dalende orde. (groot na klein)



Minder as en meer as

Vul in meer as of minder as.

minder as of meer as		
145		154

minder as of meer as		
823		789

minder as of meer as		
466		644



a. Rangskik die getalle in dalende orde.

b. Rangskik die getalle in stygende orde.

c. Watter getal is die grootste? _____

d. Watter getal is die meeste? _____

e. Watter getal is 20 meer as 870? _____

f. Watter getal is 20 minder as 870? _____

g. Vul in $>$, $<$ of $=$

• 718 _____ 708

• 870 _____ 780

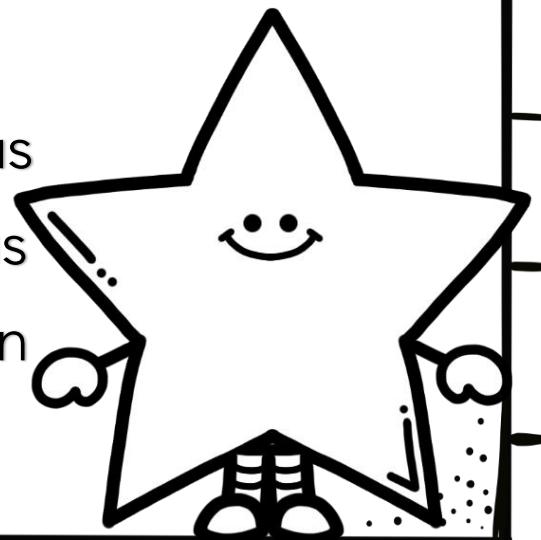
• 877 _____ 870

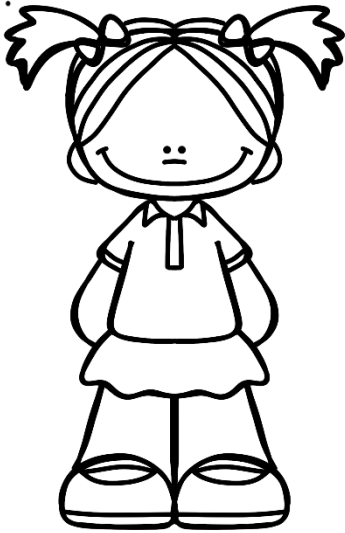
• 708 _____ 708

$>$ groter as

$<$ kleiner as

$=$ gelyk aan





H
T
E

Plekwaarde

Uitgebreide notasie

Byvoorbeeld:

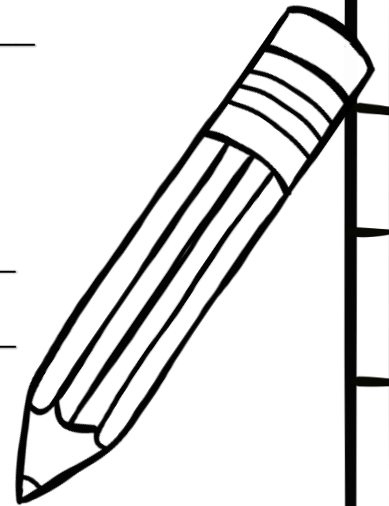
$$743 = 7H + 4T + 3E$$

OF

$$\text{sewehonderd drie en veertig} = 7H + 4T + 3E$$

Skryf die volgende getalle in uitgebreide notasie deur dit af te breek in Honderde, Tien een Ene.

- seshonderd drie en vyftig - _____
- vierhonderd ses en sewentig - _____
- 898 - _____
- 426 - _____
- driehonderd agt en veertig - _____
- tweehonderd twee en sewentig - _____



Voltooi die volgende tabel:

	Honderde	Tiene	Ene
589			
245			
63			
123			

Plekwaarde en Getalwaarde

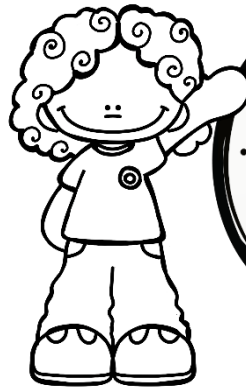
- Kleur die getal wat honderde voorstel rooi in.
- Kleur die getal wat tiene voorstel blou in.
- Onderstreep die getal wat ene voorstel met groen.



Plekwaarde verwys na die PLEK van 'n syfer.



Getalwaarde verwys na die WAARDE van 'n syfer.



Benoem die plekwaarde en getalwaarde van die onderstreepte syfer.

68 <u>9</u>		3 <u>4</u> 7		8 <u>6</u> 2	
plekwaarde	getalwaarde	plekwaarde	getalwaarde	plekwaarde	getalwaarde

Voltooi deur die regte getalwaarde in te vul.

a. $456 = 400 + \underline{\quad} + \underline{\quad}$

c. $800 + \underline{\quad} + 3 = 823$

b. $\underline{\quad} = 600 + 50 + 9$

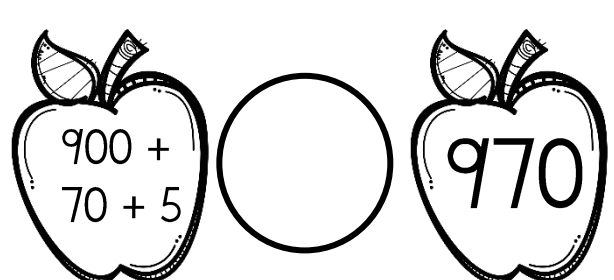
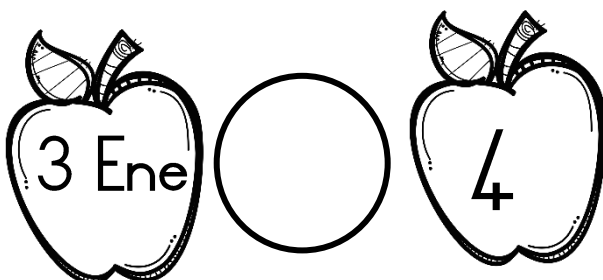
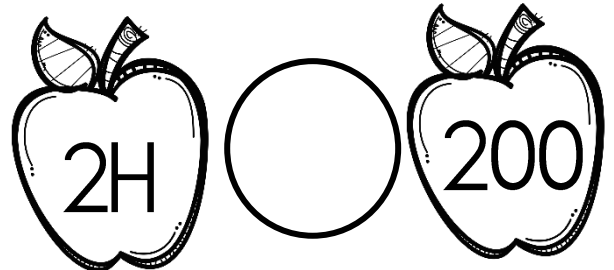
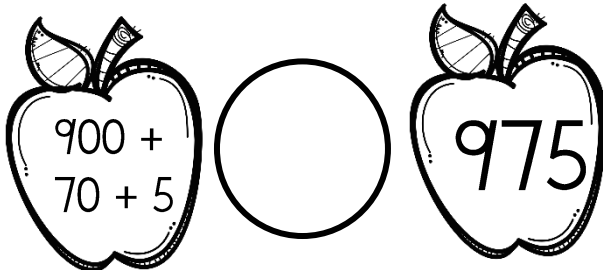
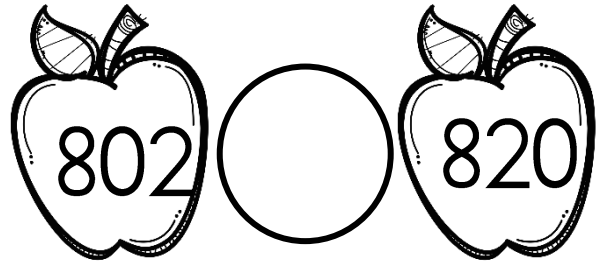
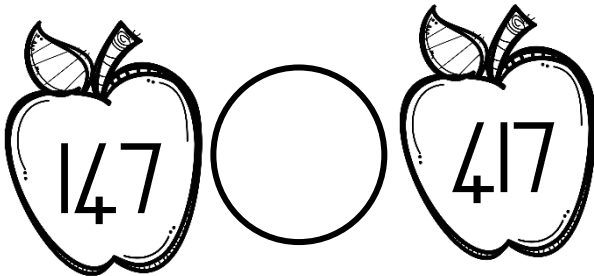
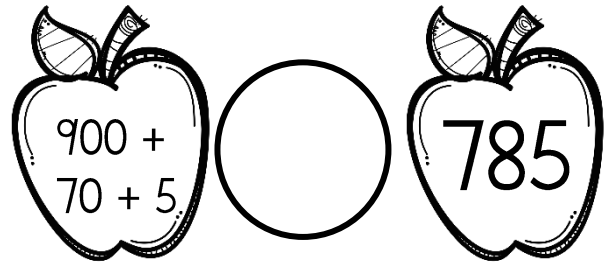
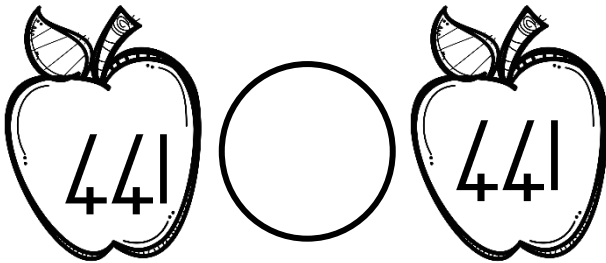
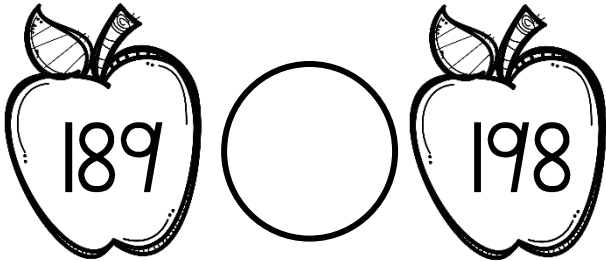
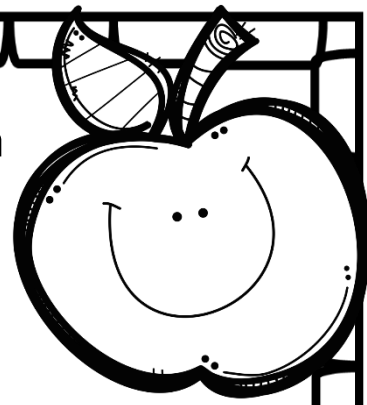
d. $387 = \underline{\quad} + \underline{\quad} + \underline{\quad}$

Onderstreep die regte woord in elke sin.

- Plekwaarde verwys na die waarde/plek van 'n syfer.
- Getalwaarde verwys na die plek/waarde van 'n syfer.

Groter as, kleiner as en is gelyk aan

Kyk na die getalle in die appels. Skryf in die middelste sirkel of die twee getalle groter as, kleiner as of gelyk aan mekaar is.



Probleemoplossing

Onthou om 'n getalsin te skryf en jou bewerkings te wys.

Die Graad 2's het 'n versameling van 360 albasters. Die Graad 3's het 216 minder albasters as die Graad 2's. Hoeveel albasters het die Graad 3's?

Thembi versamel artikels vir die skool se herwinningsprojek. Sy versamel 624 plastiekbottels en 268 blikkies. Hoeveel artikels het sy altesaam versamel?

Die winkel het 900 pakkies suiker gehad. Nadat hulle 'n klomp pakkies verkoop het, het hulle 625 pakkies oor. Hoeveel het hulle verkoop?

Mnr Khumalo plante 20 rye lemoenbome. Daar is 12 bome in 'n ry. Hoeveel bome is daar altesaam?

Herhaalde optelling

Voltooi die volgende deur van herhaalde optelling gebruik te maak.

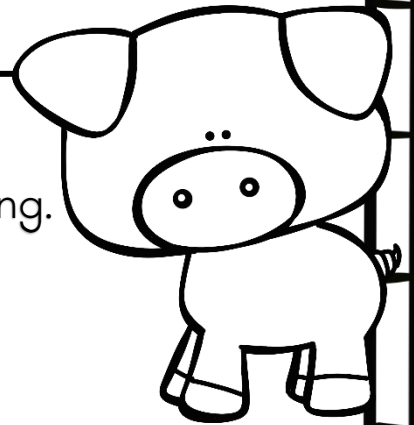
a. $2 + 2 + 2 = \underline{\quad}$ dus is $2 \times \square = 6$

b. $5 + 5 + 5 + 5 + 5 = \underline{\quad}$ dus is $5 \times \square = 25$

c. $4 + 4 + 4 + 4 = \underline{\quad}$ dus is $4 \times \square = 16$

d. $10 + 10 + 10 + 10 + 10 = \underline{\quad}$ dus is $10 \times \square = 50$

Help vir Boer Jan om die diere op sy plaas vinnig te tel deur gebruik te maak van herhaalde optelling. Onthou om 'n getalsin te skryf.



a. 5 krale met 10 skape in elke kraal.

b. 2 damme met 8 eende in elke dam.

c. 7 varkhokke met 3 varke in elke hok.

d. 3 hoenderhokke met 5 henne in elke hok.

Boer Jan wil graag tel hoeveel eiers daar gelê word deur elke hen deur in 4's te tel. Elke hen het 4 eiers gelê. Voltooi die tabel om hom te help.

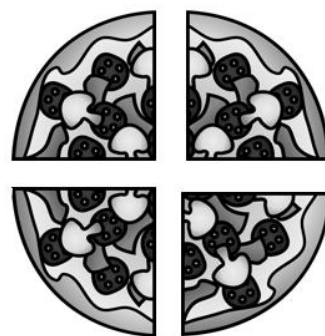


	Hok 1	Hok 2	Hok 3	Hok 4	Hok 5	Hok 6
4's						

Breuke

Verbind die beskrywing met die regte pizza deur 'n lyn met 'n linaal te trek.

Wanneer ons iets in 2 gelyke dele verdeel, noem ons die dele halwes.



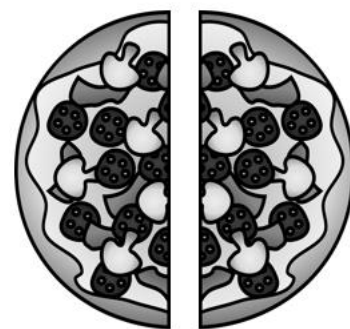
Wanneer ons iets in 3 gelyke dele verdeel, noem ons die dele derdes.



Wanneer ons iets in 4 gelyke dele verdeel, noem ons die dele kwarte.



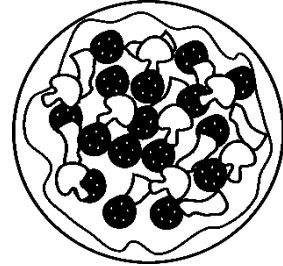
Wanneer ons iets in 5 gelyke dele verdeel, noem ons die dele vyfdes



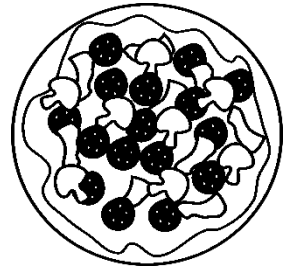
Pizza breuke

Beantwoord die volgende vrae en gebruik die pizza om jou antwoord te wys.

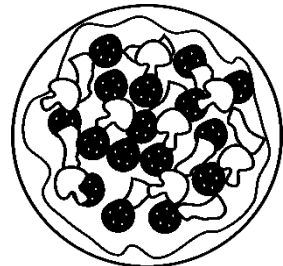
1. As twee vriende 'n pizza gelykop deel. Watter breukdeel van die pizza sal elkeen kry?



2. As vier seuns 'n pizza gelykop deel, watter breukdeel van die pizza sal elkeen kry?



3. As drie maats 'n pizza gelykop deel, watter breukdeel sal elkeen kry?



4. Mamma deel die pizza in 5 dele. Jannie eet 2 van die dele.

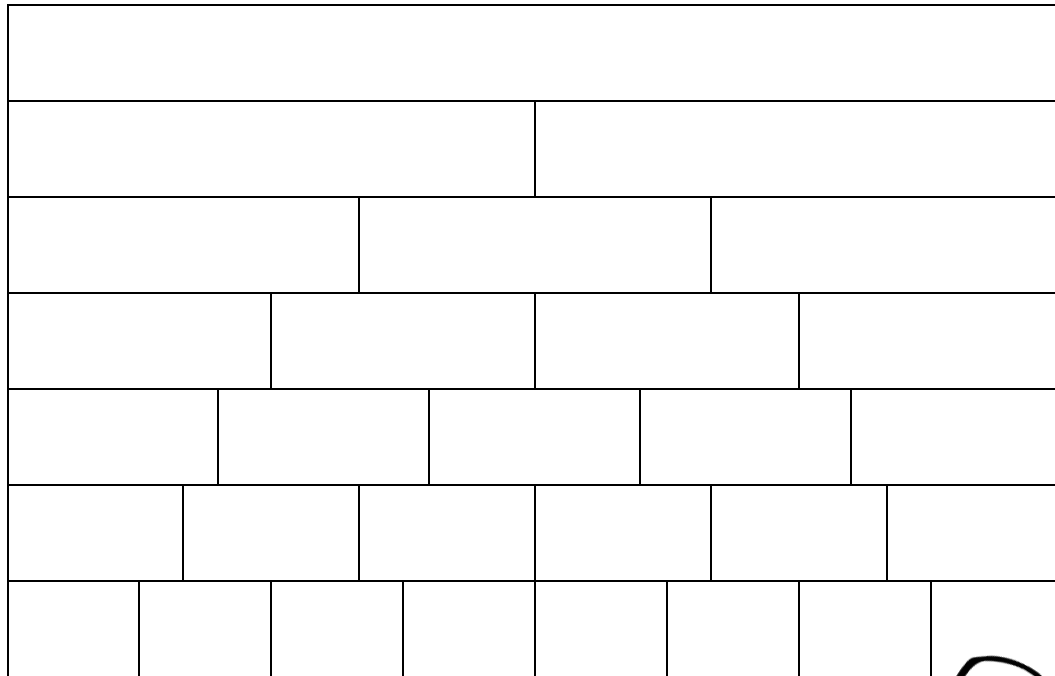
a. Watter breukdeel pizza het Jannie geëet? _____

b. Watter breukdeel pizza bly oor? _____

Breuke muur

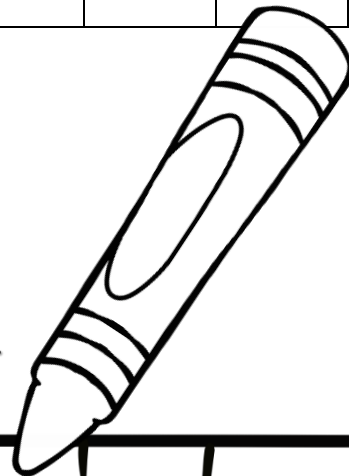
1 hele											
$\frac{1}{2}$ halwe						$\frac{1}{2}$ halwe					
$\frac{1}{3}$ derde				$\frac{1}{3}$ derde				$\frac{1}{3}$ derde			
$\frac{1}{4}$ kwart			$\frac{1}{4}$ kwart			$\frac{1}{4}$ kwart			$\frac{1}{4}$ kwart		
$\frac{1}{5}$ vyfde		$\frac{1}{5}$ vyfde		$\frac{1}{5}$ vyfde		$\frac{1}{5}$ vyfde		$\frac{1}{5}$ vyfde		$\frac{1}{5}$ vyfde	
$\frac{1}{6}$ sesde		$\frac{1}{6}$		$\frac{1}{6}$		$\frac{1}{6}$		$\frac{1}{6}$		$\frac{1}{6}$	
$\frac{1}{8}$ agtste		$\frac{1}{8}$		$\frac{1}{8}$		$\frac{1}{8}$		$\frac{1}{8}$		$\frac{1}{8}$	
$\frac{1}{10}$ tiende		$\frac{1}{10}$		$\frac{1}{10}$		$\frac{1}{10}$		$\frac{1}{10}$		$\frac{1}{10}$	
$\frac{1}{12}$ twaalfde		$\frac{1}{12}$		$\frac{1}{12}$		$\frac{1}{12}$		$\frac{1}{12}$		$\frac{1}{12}$	

Breuke muur



Kleur die volgende in met 'n kleurkryt.

- Kleur 'n hele met rooi in.
- Kleur 'n halwe met blou in.
- Kleur twee derdes met geel in.
- Kleur twee kwarte met oranje in.
- Kleur $\frac{4}{5}$ vyfdes met groen in.



Kyk na die breuke muur en beantwoord die vrae:

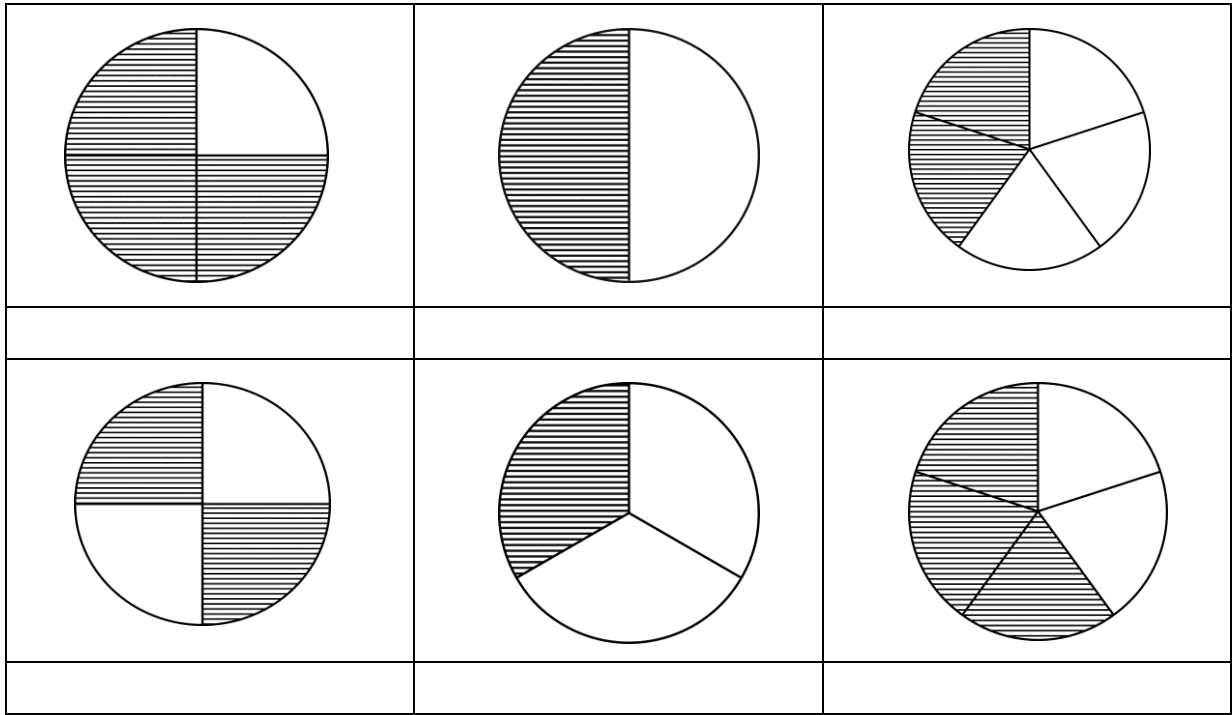
- Wanneer 'n vorm in 2 gelyke dele verdeel word, noem ons die dele ____
- Wanneer 'n vorm in 3 gelyke dele verdeel word, noem ons die dele ____
- Wanneer 'n vorm in ____ gelyke dele verdeel word, noem ons die dele kwarte.
- Is 1 halwe groter of kleiner as 3 kwarte?
- Hoeveel kwarte is dieselfde as 1 hele?

- Hoeveel agtstes is dieselfde as 1 hele?

- Is twee kwarte gelyk aan 1 halwe?

Breuke

Watter breukdeel is ingekleur?



Kleur die volgende breukdeel harte in.

<p>Kleur 'n drie kwart in</p> <p>♡♡♡♡♡♡♡♡♡♡</p> <p>♡♡♡♡♡♡♡♡♡♡</p>	<p>Kleur twee derdes in.</p> <p>♡♡♡♡♡♡♡♡♡♡</p> <p>♡♡♡♡♡♡♡♡♡♡</p>
<p>Kleur een halwe in.</p> <p>♡♡♡♡♡♡♡♡♡♡</p> <p>♡♡♡♡♡♡♡♡♡♡</p>	<p>Kleur vier vyfdes in.</p> <p>♡♡♡♡♡♡♡♡♡♡</p> <p>♡♡♡♡♡♡♡♡♡♡</p>

Optelling en aftrekking

Optelling en aftrekking deur verskillende metodes te gebruik.

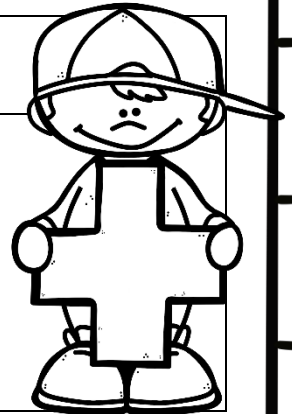
Voorbeeld - Optelling

Breek een getal af

$$\begin{aligned}564 + 132 &= \\ &= 564 + (100 + 30 + 2) \\ &\rightarrow 564 + 100 = 664 \\ &\rightarrow 664 + 30 = 694 \\ &\rightarrow 694 + 2 = 696\end{aligned}$$

Breek altwee getalle af

$$\begin{aligned}524 + 182 &= \\ &= (500 + 20 + 4) + (100 + 80 + 2) \\ &= (500 + 100) + (20 + 80) + (4 + 2) \\ &= (600 + 100) + 6 \\ &= 700 + 6 \\ &= 706\end{aligned}$$



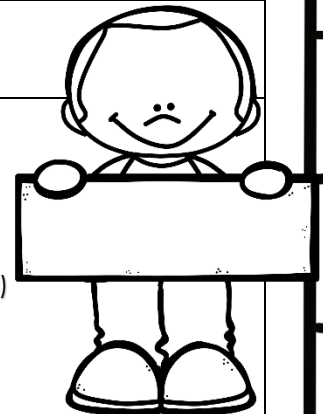
Voorbeeld - Aftrekking

Breek een getal af

$$\begin{aligned}564 - 152 &= \\ &= 564 - (100 + 50 + 2) \\ &\rightarrow 564 - 100 = 464 \\ &\rightarrow 464 - 50 = 414 \\ &\rightarrow 414 - 2 = 412\end{aligned}$$

Breek altwee getalle af

$$\begin{aligned}889 - 137 &= \\ &= (800 + 80 + 9) - (100 + 30 + 7) \\ &= (800 - 100) + (80 - 30) + (9 - 7) \\ &= 700 + 50 + 2 \\ &= 752\end{aligned}$$



Gebruik die metodes hierbo om die antwoorde te bereken.

Breek een getal af

$$706 - 437 =$$

→ _____
→ _____
→ _____

Breek een getal af

$$753 + 235 =$$

→ _____
→ _____
→ _____

Breek altwee getalle af

$$647 - 243 =$$

→ _____
→ _____
→ _____

Breek altwee getalle af

$$321 + 678 =$$

→ _____
→ _____
→ _____

Breek een getal af

$$646 - 427 =$$

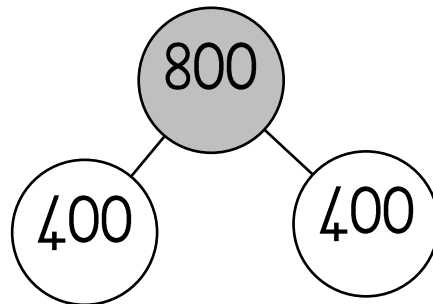
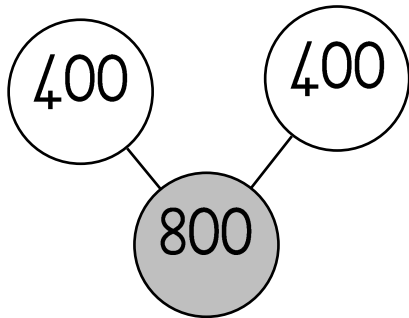
→ _____
→ _____
→ _____

Breek altwee getalle af

$$568 + 239 =$$

→ _____
→ _____
→ _____

Verdubbel en halvering



Voltooi die volgende.

$223 + 223 = \underline{\hspace{2cm}}$	$117 + 117 = \underline{\hspace{2cm}}$
$160 + 160 = \underline{\hspace{2cm}}$	$450 + 450 = \underline{\hspace{2cm}}$
$115 + 115 = \underline{\hspace{2cm}}$	$112 + \underline{\hspace{1cm}} = 224$
$315 + 315 = \underline{\hspace{2cm}}$	$116 + \underline{\hspace{1cm}} = 232$

Verdubbel en halveer deur kolom A se getalle te gebruik.

Kolom A	Verdubbel	Halveer
34		
18		
42		
24		
26		
422		
200		

Verdubbel

Voorbeeld

Dubbelgetalle	Byna dubbelgetalle
340 verdubbel = $= 340 + 340$ $= 340$ verdubbel $= 300 + 300 + 40 + 40$ $= 600 + 80$ $= 680$	$340 + 341 =$ $= 340$ verdubbel + 1 $= 300 + 300 + 40 + 40 + 1$ $= 600 + 80 + 1$ $= 681$

Gebruik die metodes hierbo om die antwoorde te bereken.

$43 + 43$	$43 + 44$
$40 + 41$	$66 + 67$
$420 + 420$	$430 + 431$
$270 + 270$	$261 + 262$

Deling

Vinnige berekeninge – Vul die antwoorde in.

$30 \div 3 =$	$15 \div 3 =$	$60 \div 3 =$	$600 \div 3 =$	$48 \div 2 =$
$150 \div 3 =$	$24 \div 4 =$	$240 \div 4 =$	$25 \div 5 =$	$30 \div 5 =$
$120 \div 4 =$	$12 \div 4 =$	$72 \div 2 =$	$7 \div 1 =$	$96 \div 2 =$
$400 \div 10 =$	$20 \div 2 =$	$42 \div 4 =$	$21 \div 3 =$	$4 \div 4 =$

Voorbeeld van metode

Distributiewe beginsel

$$\begin{aligned}
 39 \div 3 &= \\
 &= (30 + 9) \div 3 \\
 &= (30 \div 3) + (9 \div 3) \\
 &= 10 + 3 \\
 &= 13
 \end{aligned}$$

Deling met 'n res

$$\begin{aligned}
 45 \div 4 &= \\
 &= (40 + 5) \div 4 \\
 &= (40 \div 4) + (5 \div 4) \\
 &= 10 + 1 \text{ res } 1 \\
 &= 11 \text{ res } 1
 \end{aligned}$$



Bereken die volgende somme:

$45 \div 5 =$	$46 \div 2 =$
→ _____	→ _____
→ _____	→ _____
→ _____	→ _____
→ _____	→ _____
$63 \div 3 =$	$65 \div 3 =$
→ _____	→ _____
→ _____	→ _____
→ _____	→ _____
→ _____	→ _____
$64 \div 4 =$	$49 \div 4 =$
→ _____	→ _____
→ _____	→ _____
→ _____	→ _____
→ _____	→ _____

Vermenigvuldiging

Voorbeeld van methode

$12 \times 4 =$

$$= (10 + 2) \times 4$$

$$= 40 + 8$$

$$= 48$$

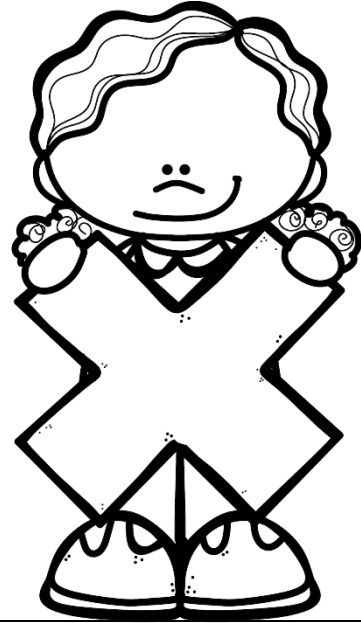
$17 \times 3 =$

$$= (10 + 7) \times 3$$

$$= 30 + 21$$

$$= 30 + 20 + 1$$

$$= 51$$



Bereken die volgende somme:

$12 \times 3 =$

→ _____
 → _____
 → _____
 → _____

$19 \times 3 =$

→ _____
 → _____
 → _____
 → _____

$13 \times 4 =$

→ _____
 → _____
 → _____
 → _____

$11 \times 2 =$

→ _____
 → _____
 → _____
 → _____

$22 \times 2 =$

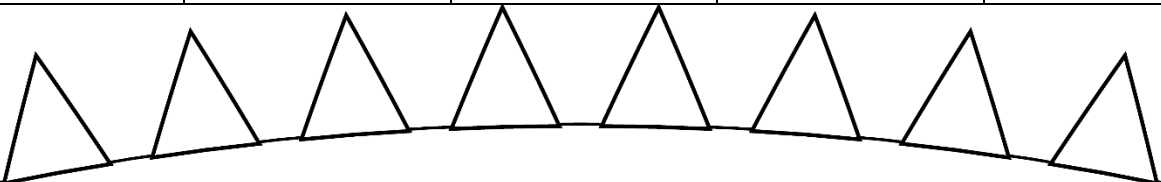
→ _____
 → _____
 → _____
 → _____

$12 \times 4 =$

→ _____
 → _____
 → _____
 → _____

Kyk of jy die volgende somme vinnig kan doen!

$9 \times 3 =$	$4 \times 6 =$	$9 \times 5 =$	$2 \times 3 =$	$3 \times 6 =$
$8 \times 4 =$	$3 \times 4 =$	$5 \times 5 =$	$4 \times 6 =$	$5 \times 10 =$

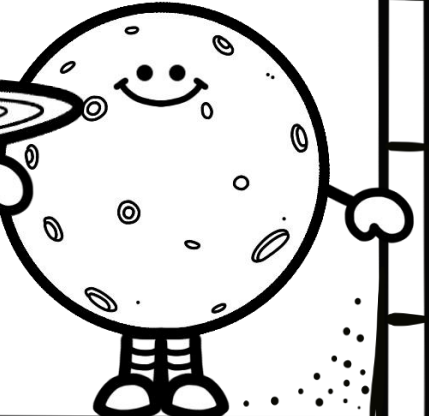
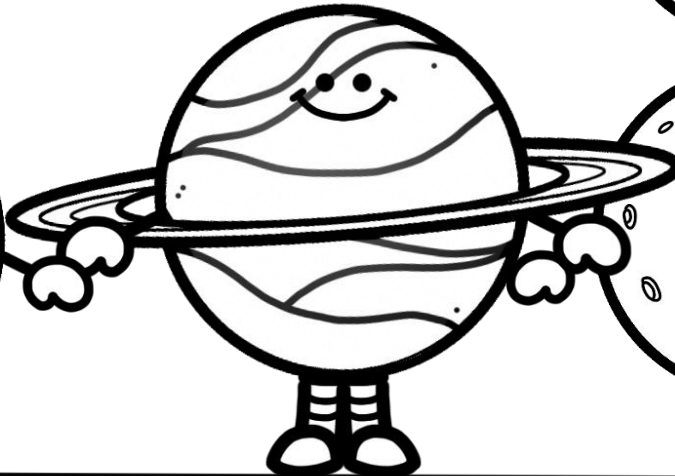
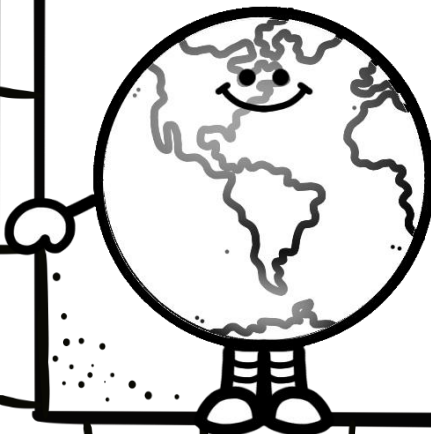
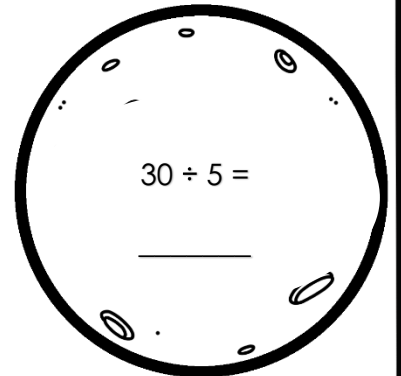
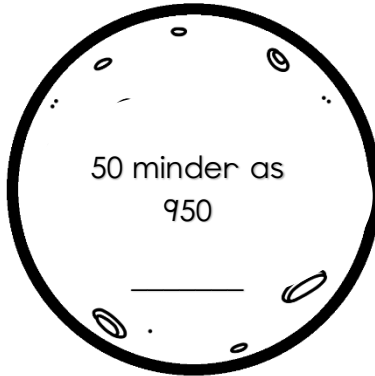
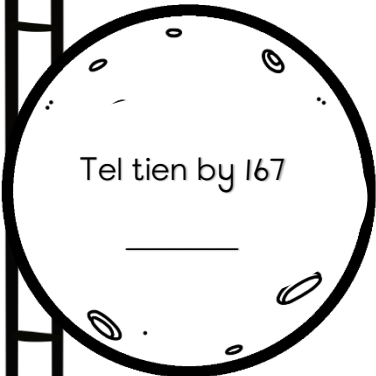
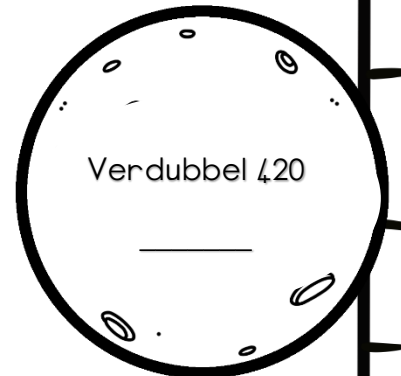
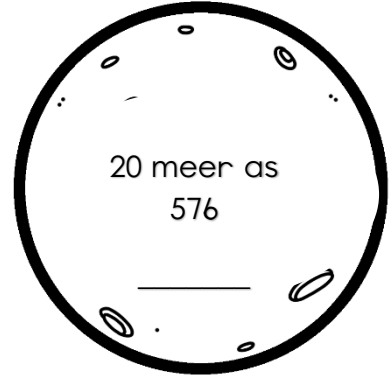




Slim planete























Hoe slim is jy? Kyk of jy die planete kan help om die volgende te voltooi.



Geld

Bereken die volgende somme met die munte en note.

10 x  = R	20 x  = R	50 x  = R	100 x  = R
10 x  = R	20 x  = R	50 x  = R	100 x  = R
10 x  = R	20 x  = R	50 x  = R	100 x  = R
10 x  = R	20 x  = R	50 x  = R	100 x  = R
10 x  = R	20 x  = R	50 x  = R	100 x  = R

Skryf as rand en sent.

	Antwoord
435c	
100c	
617c	
200c	

Skryf as 325c rand en sent.

R3.25

Bereken die volgende somme:

Mandla betaal R5.50 vir 'n taxi om hom skool toe te neem. Hoeveel sal dit hom kos om vir 5 dae skool toe te gaan?

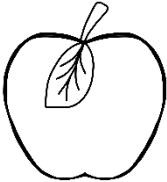

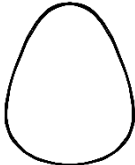
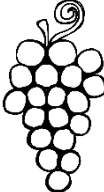


Ek betaal met 'n R20. Ek hoop lekkers vir R6.80. Hoeveel kleingeld kry ek?

Damon koop 3 boeke vir R80 elk. Hoeveel kleingeld sal hy kry as hy met R300 betaal?

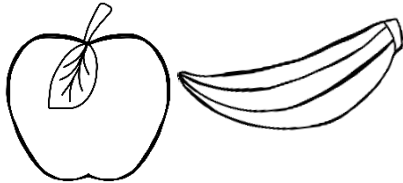
Bongi het R192. Sy spandeer die helfte van haar geld om 'n rokkie te koop. Hoeveel geld het sy oor?

Geld

Bereken die koste. Hoeveel kleingeld kry ek?

					
R5.00	R3.50	R2.50	R8.00	R10.00	R9.50

Klara betaal met R10.



Bereken die koste van:

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

Bereken die verskil:

$$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

Klara kry kleingeld.

Ben betaal met R20.



Bereken die koste van:

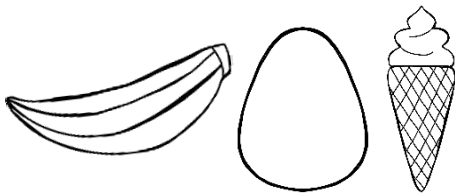
$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

Bereken die verskil:

$$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

Ben kry kleingeld.

David betaal met R16.



Bereken die koste van:

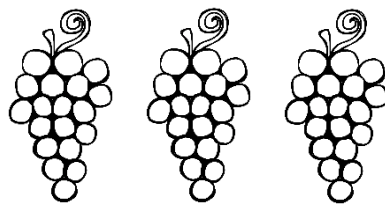
$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

Bereken die verskil:

$$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

David kry kleingeld.

Mia betaal met R25.



Bereken die koste van:

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

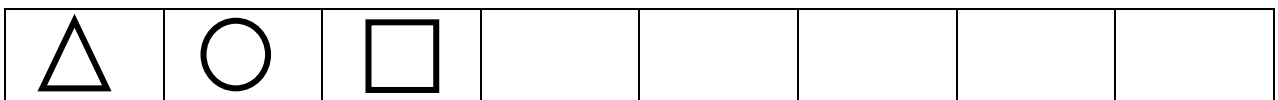
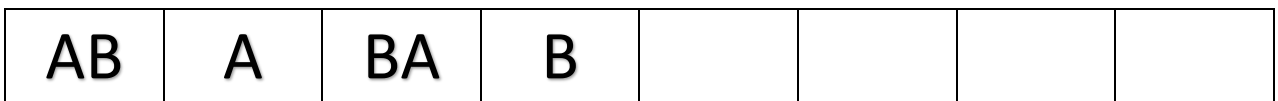
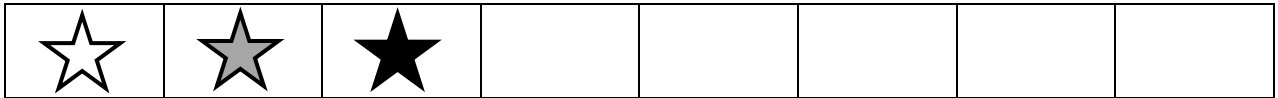
Bereken die verskil:

$$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

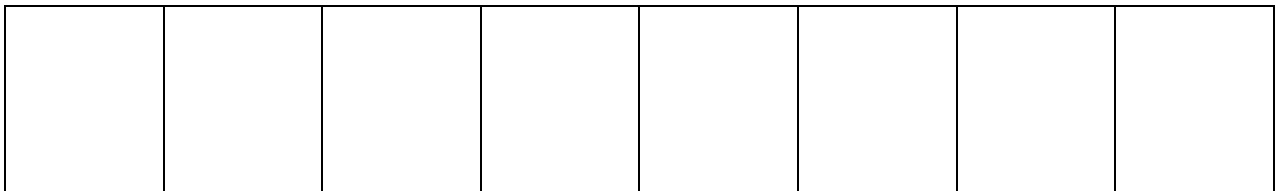
Mia kry kleingeld.

Meetkundige patrone

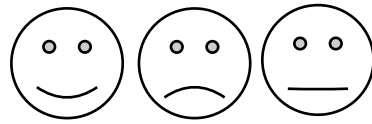
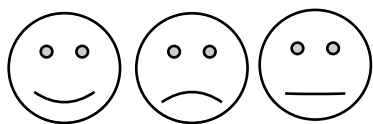
Voltooi die ontbrekende patroon.

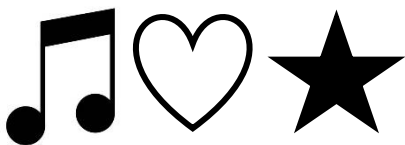


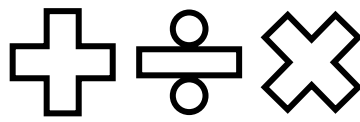
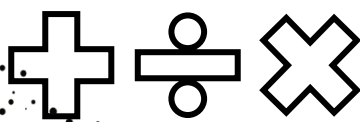
Skep jou eie meetkundige patroon deur lyne, kleure, vorms of voorwerpe te teken.



Brei die patroon uit deur een stel by te teken.

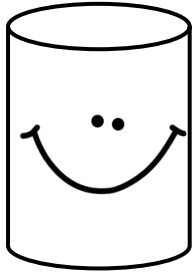






3D-voorwerpe

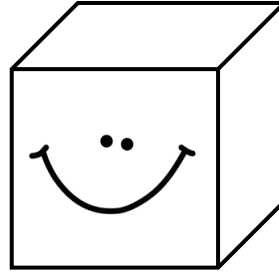
Benoem die 3D voorwerpe en kleur in watter tipe oppervlakte die voorwerp het.



Naam van 3D voorwerp

geboë
oppervlakte

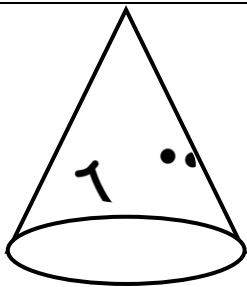
plat
oppervlakte



Naam van 3D voorwerp

geboë
oppervlakte

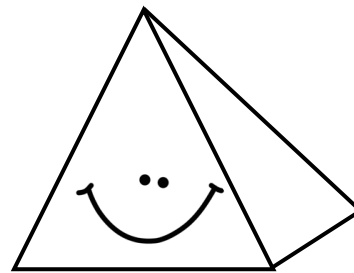
plat
oppervlakte



Naam van 3D voorwerp

geboë
oppervlakte

plat
oppervlakte

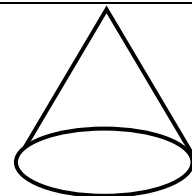
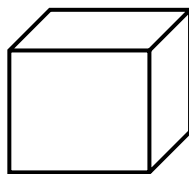
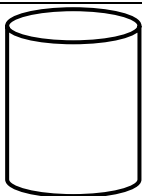


Naam van 3D voorwerp

geboë
oppervlakte

plat
oppervlakte

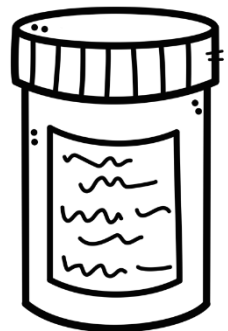
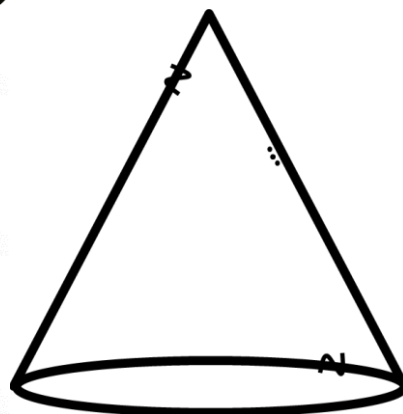
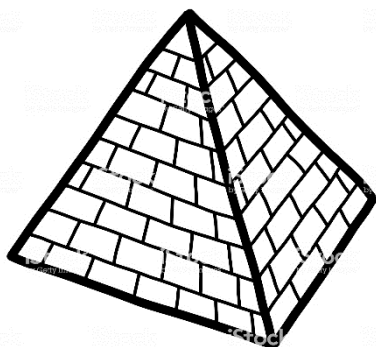
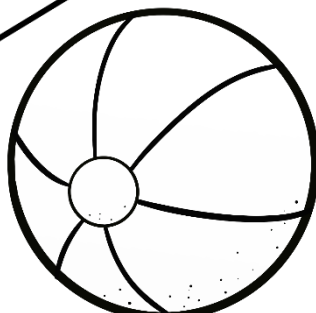
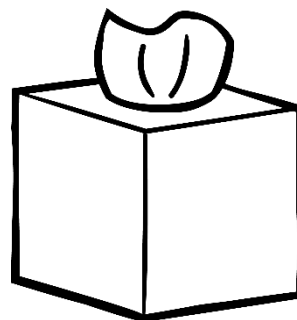
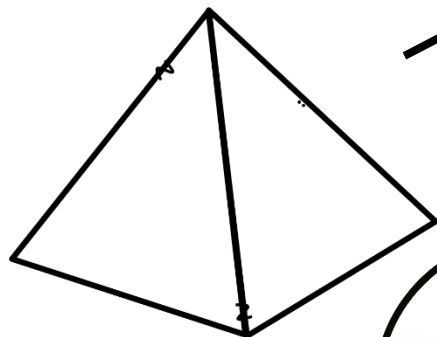
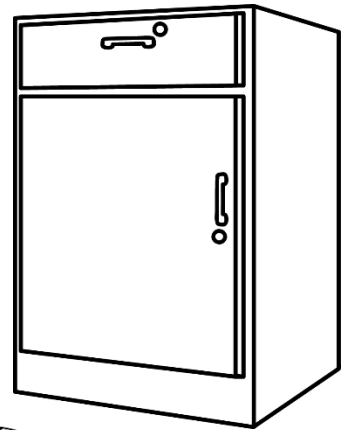
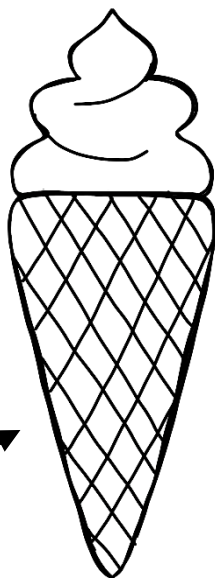
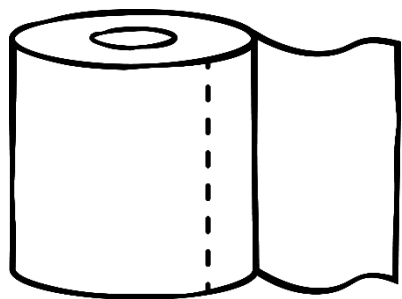
Watter 2D-vorms sien jy in die 3D-voorwerpe.



3D-voorwerpe

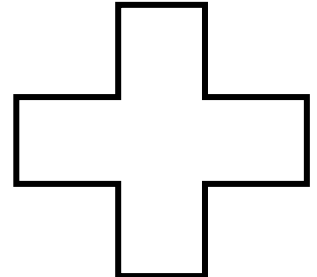
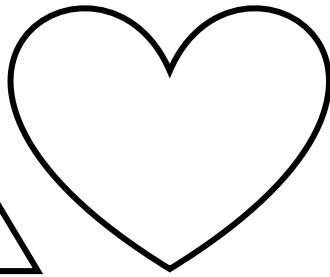
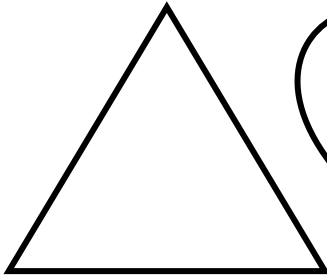
Kleur die voorwerpe op die volgende maniere in:

- Balle – Groen
- Silinders – Pers
- Bokse (prismas) – Blou
- Piramides – Geel
- Keëls - rooi



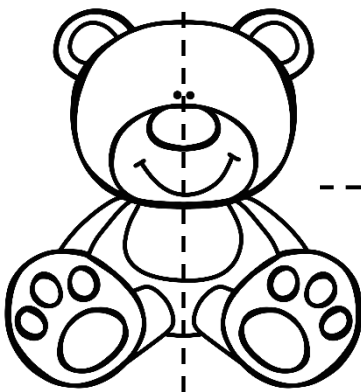
Simmetrie

Teken die simmetrielyne op die volgende vorms:

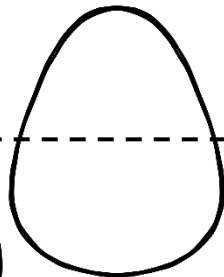


Is die simmetrielyne van die volgende voorwerpe reg?

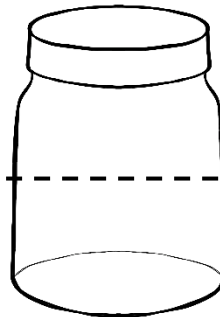
Kleur in ja of nee en teken die regte simmetrielyn in.



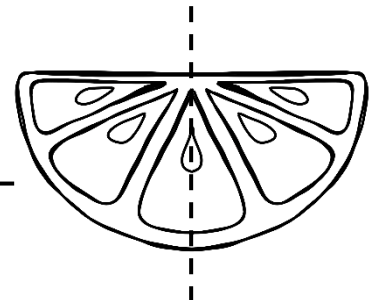
ja
nee



ja
nee

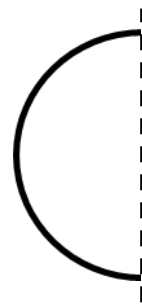
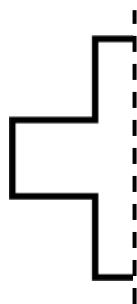
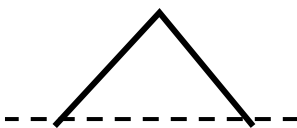


ja
nee



ja
nee

Teken die ander helfte van die vorms.



Massa

Kyk na die volgende prente en beantwoord die vrae.

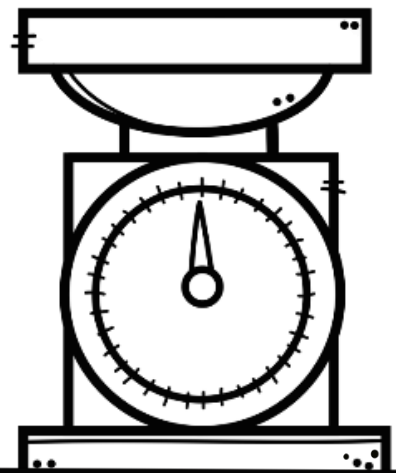


- Is die 1 kg waspoeier ligter of swaarder as die 3kg waspoeier? _____
- Is die 500g koekies ligter of swaarder as die 1kg koekies? _____
- Is die 2kg Oats ligter of swaarder as die 500g ontbytvlökkies? _____

Bestudeer die massa van die volgende produkte en rangskik die massa van die meeste tot die minste.

suiker	koffie	mieliemeel	rys	bakpoeier
2.5kg	200g	5kg	1kg	120g

Produkt	Massa
1.	
2.	
3.	
4.	
5.	



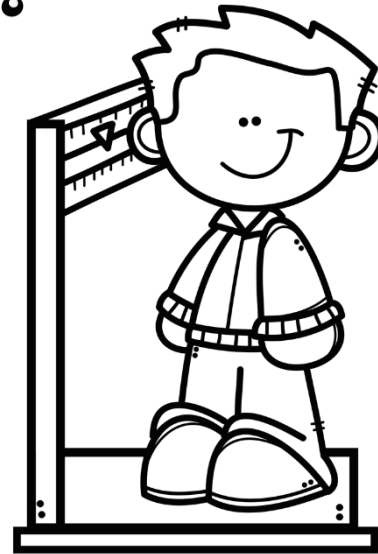
Massa

Massa is die mate van die hoeveelheid goed of stof daar in 'n voorwerp is. Hoe meer daar is, hoe moeiliker is dit om die voorwerp te skuif.

Ons gebruik gram om die massa van kleiner of ligter voorwerpe of breuke van 'n kilogram te meet.

Gewig

Gewig is die mate van die swaartekrag wat daardie stof aftrek. Daar is minder swaartekrag op die maan, dus weeg dinge daar minder. Hier op aarde gebruik ons dieselfde mates vir massa en gewig vir alledaagse doeleindes. Ons meet massa in kilogram en gram.

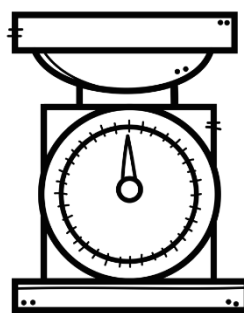


Verskillende skale

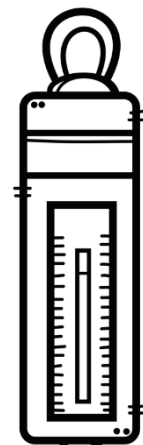
Ons gebruik verskillende skale om massa en gewig te meet. Ons meet massa met 'n balansskaal en gewig met 'n veerskaal.



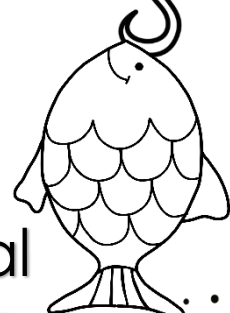
balansskaal



kombuisskaal



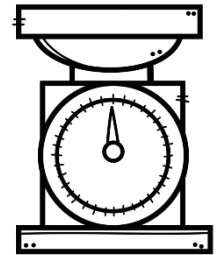
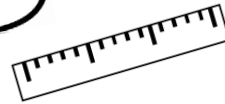
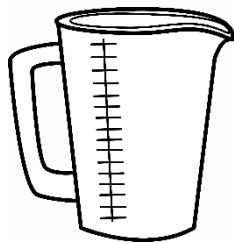
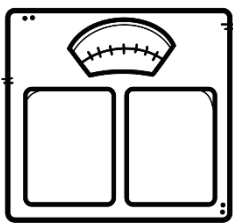
veerskaal



Massa

1. Onderstreep die regte antwoord. Massa word gemeet in:
milliliter gram meter liter kilogram sentimeter

2. Met watter maatinstrument meet ons massa? Kleur die regte prent in.



3. Waarvoor staan die volgende afkortings?

g → _____ kg → _____

4. Vul in >, < of =

a. 500 g _____ 250 g

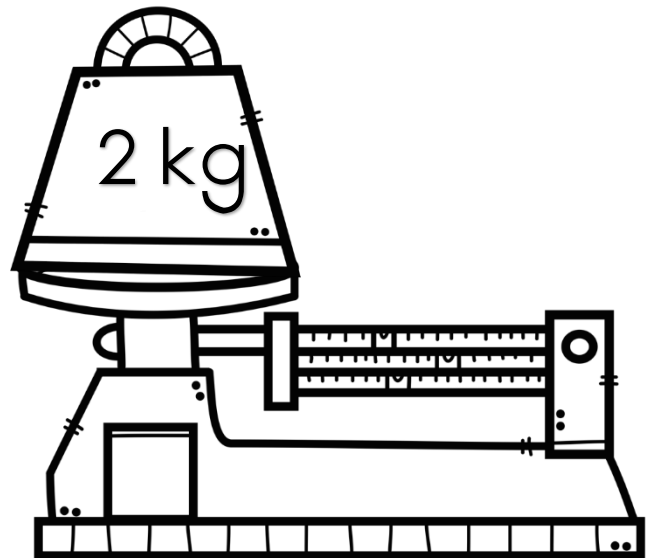
b. 1 kg _____ 1000 g

c. 500 g + 500 g _____ 1000 g

d. 3 kg _____ 5 kg

e. $\frac{1}{2}$ kg _____ 1 kg

f. $\frac{1}{2}$ kg _____ 250 g



Maak 'n kilogram.

Tel by om 1 kg (1000gram) te maak.

1. 125g + 250g + _____ g = 1000g

2. 50g + 30g + 240g + 60g + 100g + _____ = 1 kg

3. 50g + 90g + 160g + _____ = 1000g

4. 57g + 46g + 243g + 334g + _____ = 1000g

Kapasiteit (Volume)

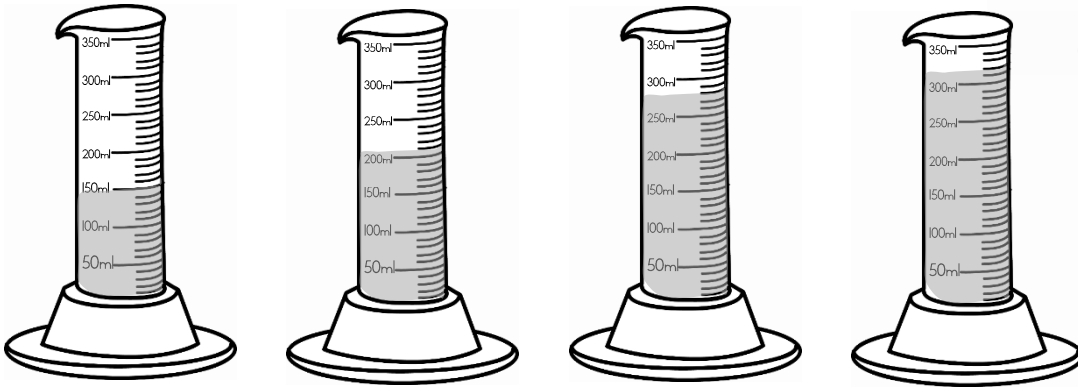


Ons meet klein hoeveelhede vloeistof in milliliter (ml).

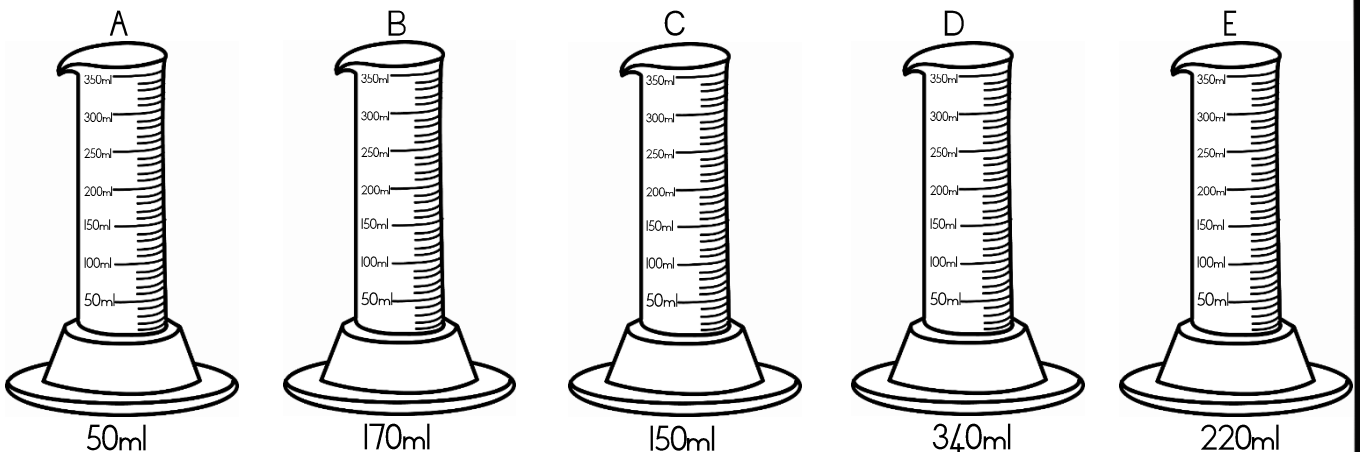
Ons meet groter hoeveelhede in liter (ℓ).

Daar is 1000 milliliter in 'n liter.

Die klas is besig om eksperimente te doen.
Hulle meet die vloeistowwe af in 'n proefbuis.
Help hulle om te kyk hoeveel ml vloeistof in elke proefbuis is.



Kleur die proefbuisse in om die hoeveelhede te wys.



Watter proefbuis het die meeste vloeistof? _____

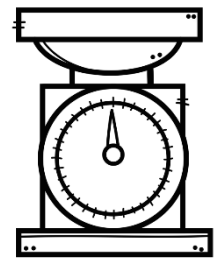
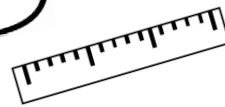
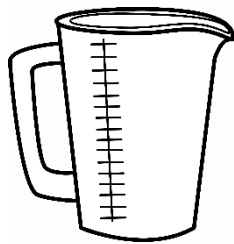
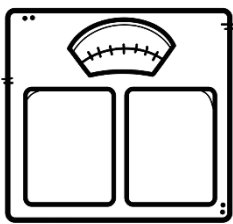
Watter proefbuis het die minste vloeistof? _____

Kapasiteit (Volume)

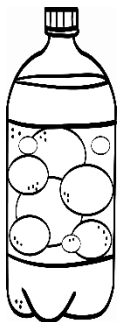
5. Onderstreep die regte antwoord. Volume word gemeet in:

milliliter gram meter liter kilogram sentimeter



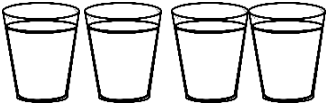
6. Met watter maatinstrument meet ons volume? Kleur die regte prent in.



Kleur die regte blokkie in:





1 liter

		
2 liter 1 liter 500ml	1 liter 500ml 750ml	1 liter 500ml 750ml



250ml

		
2 liter 1½ liter 2½ liter	4 liter 5 liter 3 liter	500ml 250ml 750ml

1 liter = 1000 ml

$\frac{1}{4}$ liter = 250 ml

$\frac{1}{2}$ liter = 500 ml

Vul in >, < of =

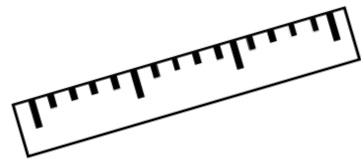
a. $\frac{1}{4}$ liter _____ $\frac{1}{2}$ liter

b. 500 ml _____ $\frac{1}{2}$ liter




c. 500 ml _____ 1 liter

d. 1000 ml _____ 1 liter

Lengte



Meet die lengte van die volgende lyne deur jou liniaal te gebruik.

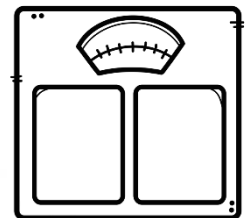
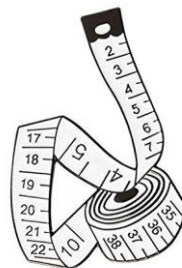
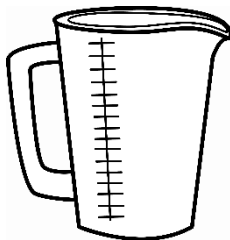
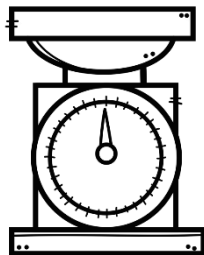
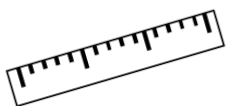
	Antwoord
Lyn 1 	
Lyn 2 	
Lyn 4 	
Lyn 5 	

Watter lyn is die kortste? _____

Watter lyn is die langste? _____

Hoeveel verskil die langste en die kortste lyn? _____

Met watter meetinstrument meet ons lengte? Kleur die prente in.

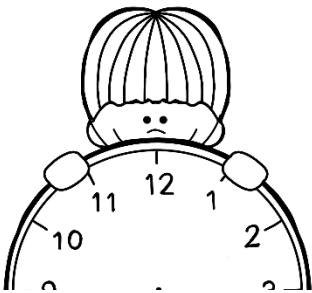
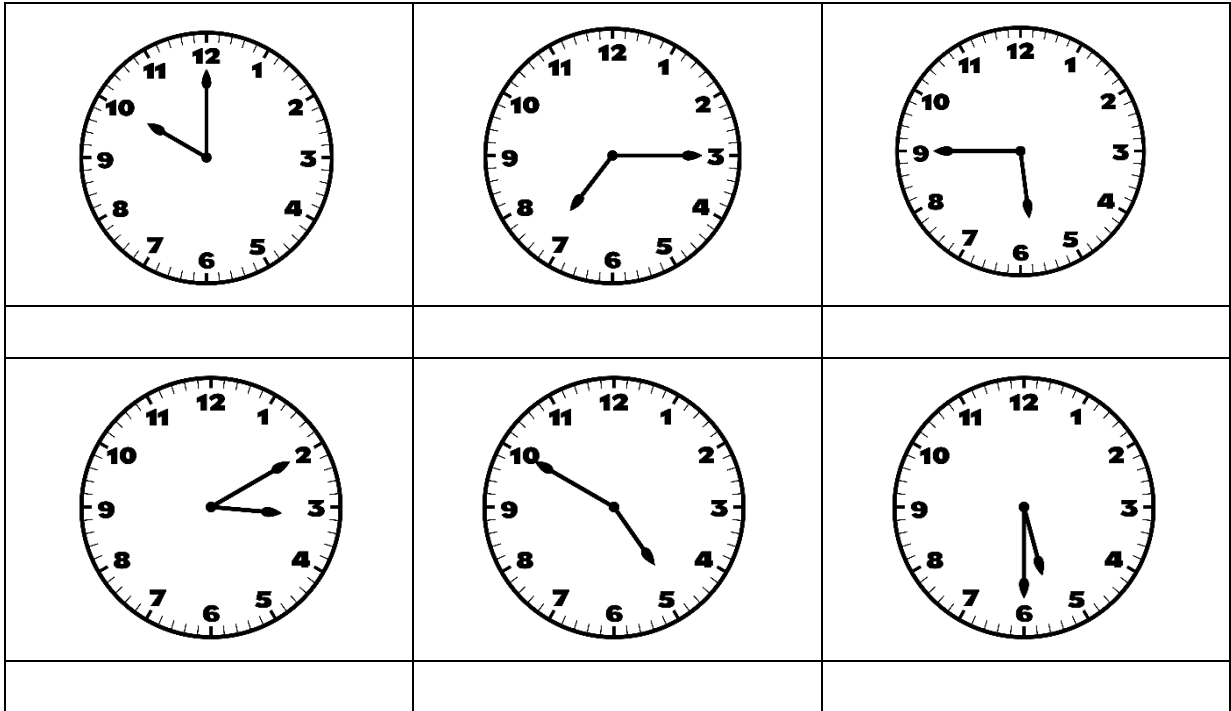


Onderstreep die regte antwoord. Lengte word gemeet in:

milliliter gram meter liter kilogram sentimeter

TYD

Hoe laat is dit?



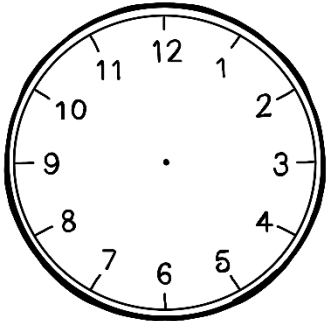
Pas kolom A by kolom B deur 'n lyn met 'n liniaal te trek.



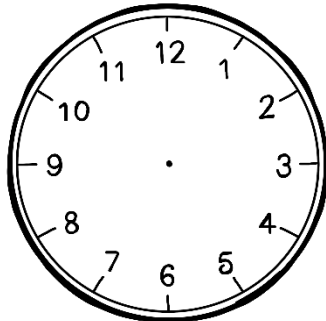
Kolom A		Kolom B
15 minute		week
60 minute		halfuur
30 minute		jaar
60 sekondes		uur
24 uur		minuut
12 maande		1 dag
7 dae		kwartier

TYD - Analooq

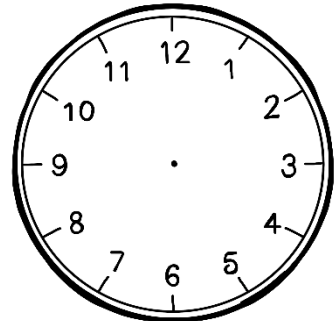
Teken die uur- en minuutwysers van die volgende horlosies in.



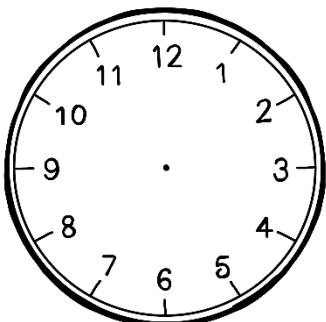
half vier



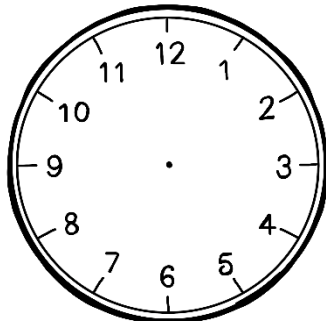
kwart oor vyf



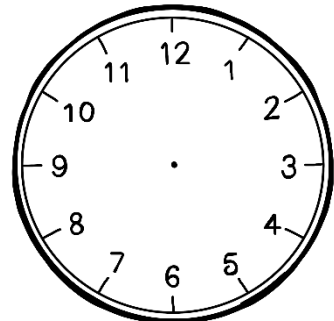
tien oor elf



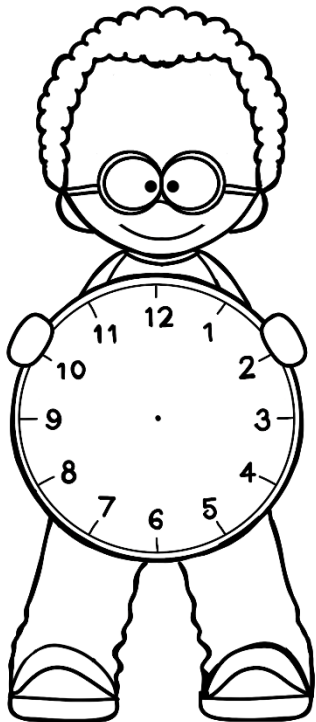
twaalf uur



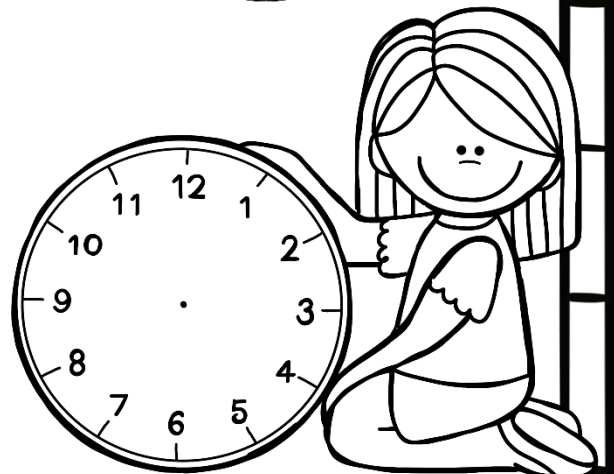
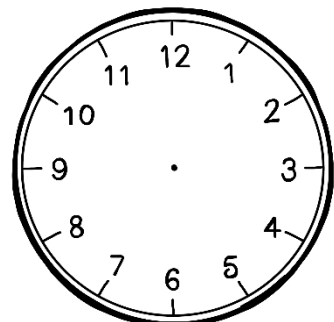
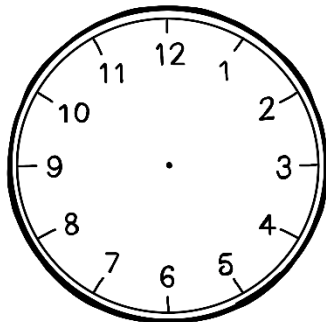
kwart voor ses



tien voor drie



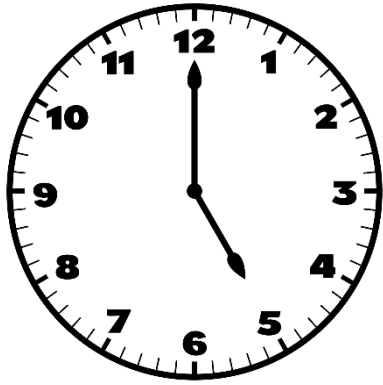
Tien oor drie



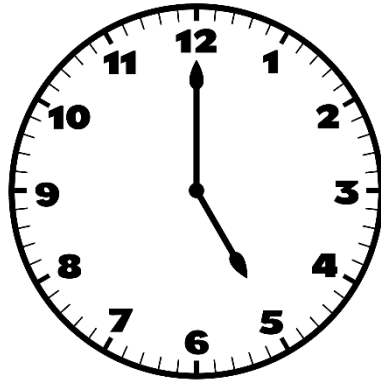
Kwart oor twee

TYD - Tydsverloop

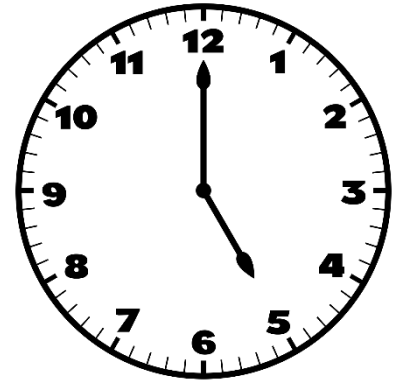
Gebruik die horlosies om die tydverloop aan te dui. Teken die nuwe uur-en minuutwysers op die horlosie met 'n kleurpotlood.



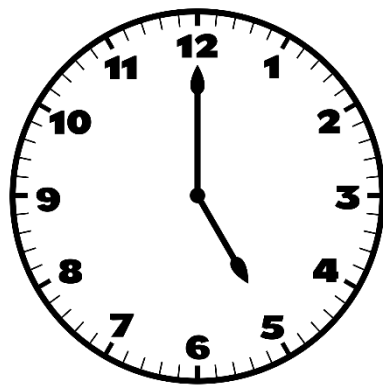
Hoe laat sal dit wees
oor 'n kwartier?



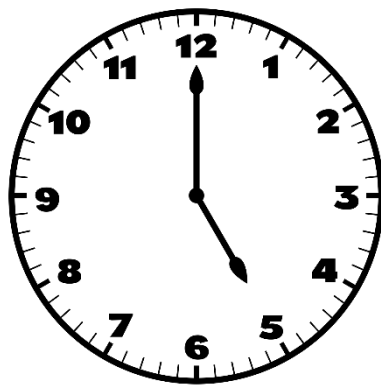
Hoe laat sal dit wees
oor 'n halfuur?



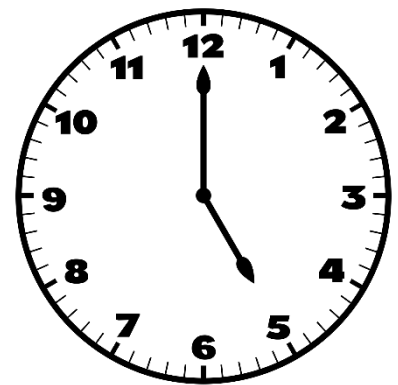
Hoe laat sal dit wees
oor 'n uur?



Hoe laat sal dit wees
oor 20 minute?



Hoe laat sal dit wees
oor 10 minute?

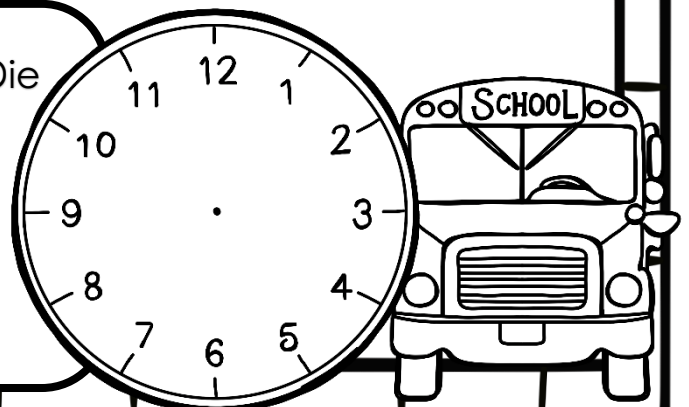


Hoe laat sal dit wees
oor 50 minute?

Jana het om 14:15 op die bus geklim. Die busrit neem 45 minute.

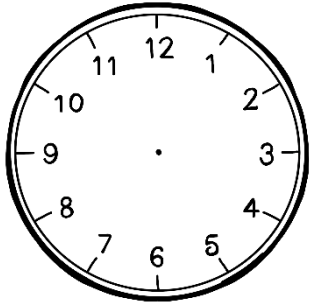
Hoe laat sal Jana by die huis kom?

Teken die tyd op die horlosie aan.



TYD

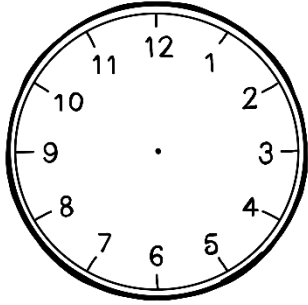
Lees die digitale tyd. Skryf die tyd in woorde, teken die wysers en kleur in of dit voormiddag of namiddag is.



13:15

Tyd: _____

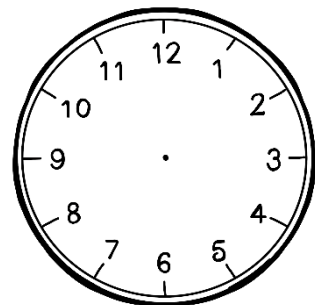
voormiddag namiddag



20:30

Tyd: _____

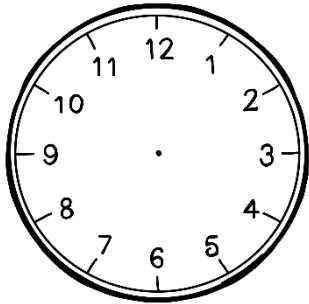
voormiddag namiddag



11:45

Tyd: _____

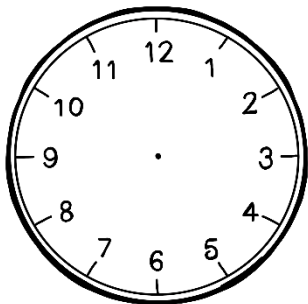
voormiddag namiddag



19:50

Tyd: _____

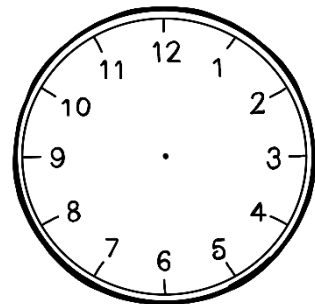
voormiddag namiddag



16:10

Tyd: _____

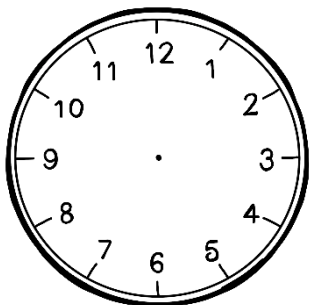
voormiddag namiddag



22:45

Tyd: _____

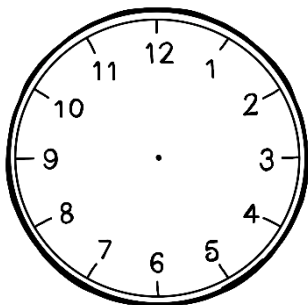
voormiddag namiddag



15:05

Tyd: _____

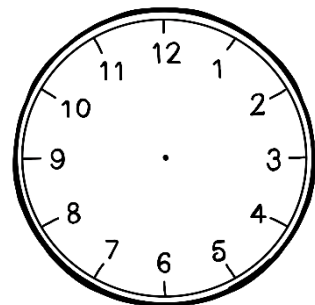
voormiddag namiddag



14:30

Tyd: _____

voormiddag namiddag



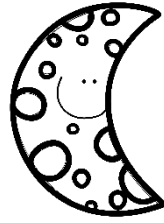
18:35

Tyd: _____

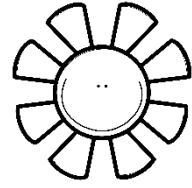
voormiddag namiddag

TYD

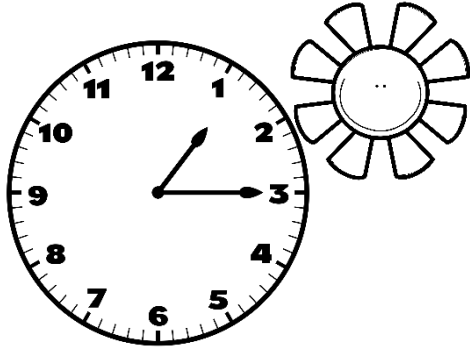
Skryf die analoog en digitale tyd vir die volgende horlosies.



voormiddag

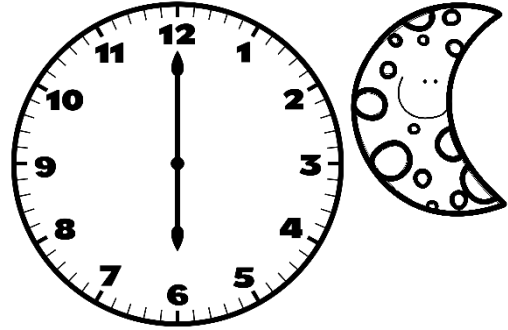


namiddag



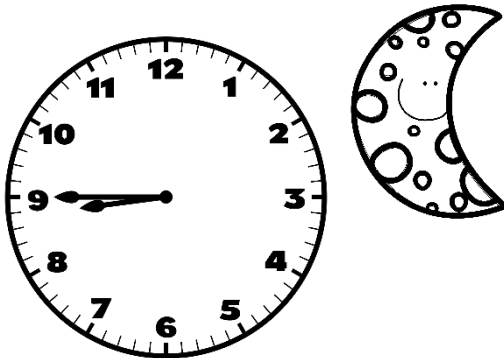
Analoog: _____

Digitaal: _____



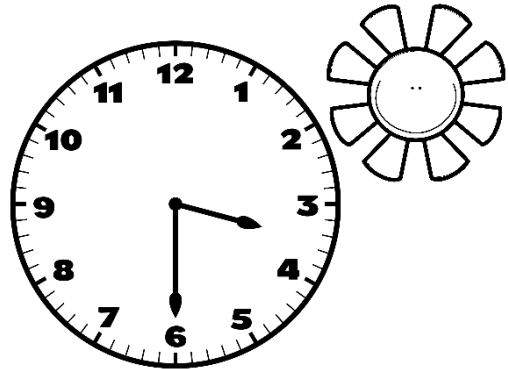
Analoog: _____

Digitaal: _____



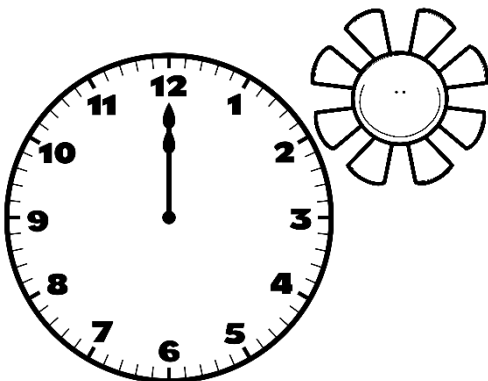
Analoog: _____

Digitaal: _____



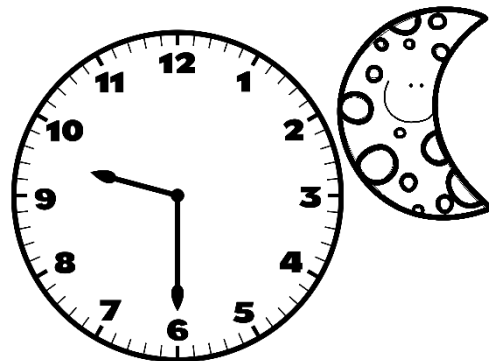
Analoog: _____

Digitaal: _____



Analoog: _____

Digitaal: _____



Analoog: _____

Digitaal: _____

Datahantering

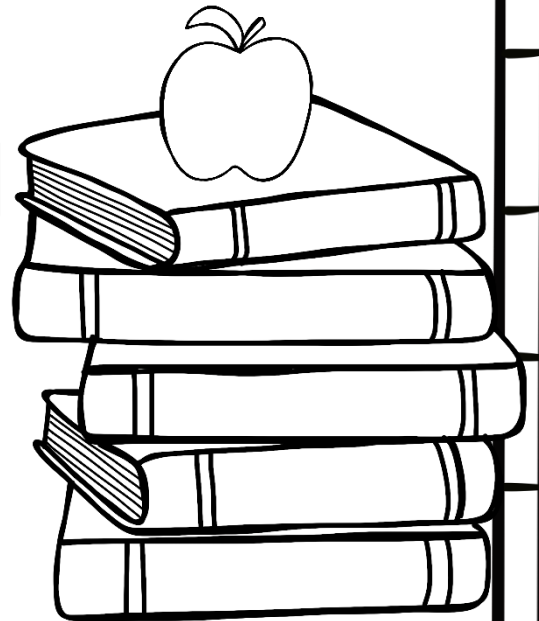
Gebruik die gegewe data om 'n staafgrafiek te skep.

Wiskunde |||| |||| ||||

Lewensvaardigheid |||| ||

Engels |||| |||| ||

Afrikaans |||| |||| ||| ||||



Instruksies:

- Gee 'n titel vir jou grafiek.
- Etiketeer die kolomme volgens die vakke.
- Orden die data deur dit op die grafiek te wys.

Titel:				
18				
17				
16				
15				
14				
13				
12				
11				
10				
9				
8				
7				
6				
5				
4				
3				
2				
1				
0				