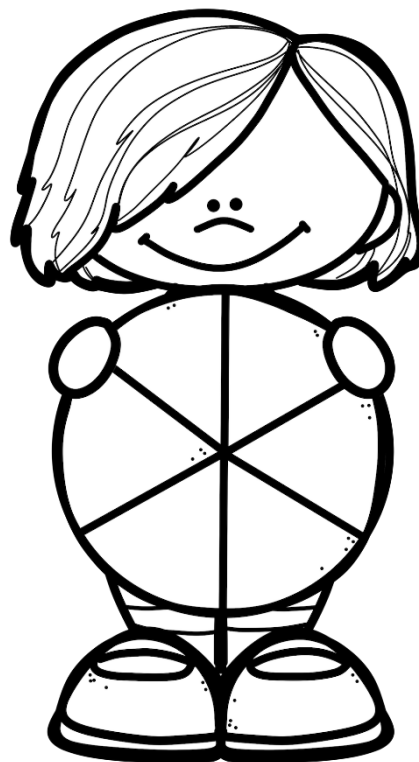
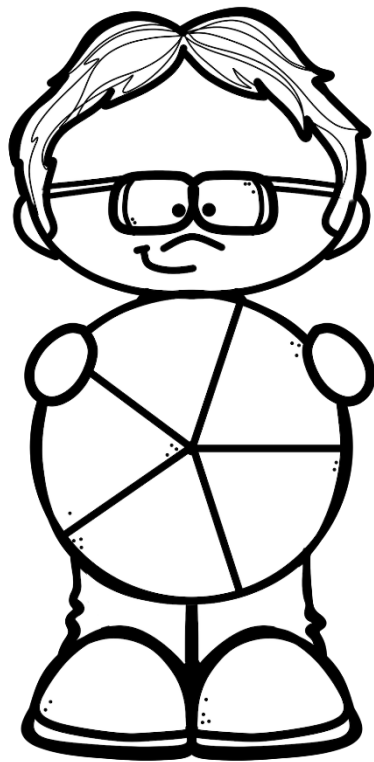


GRAAD 3

Wiskunde

Kwartaal 2

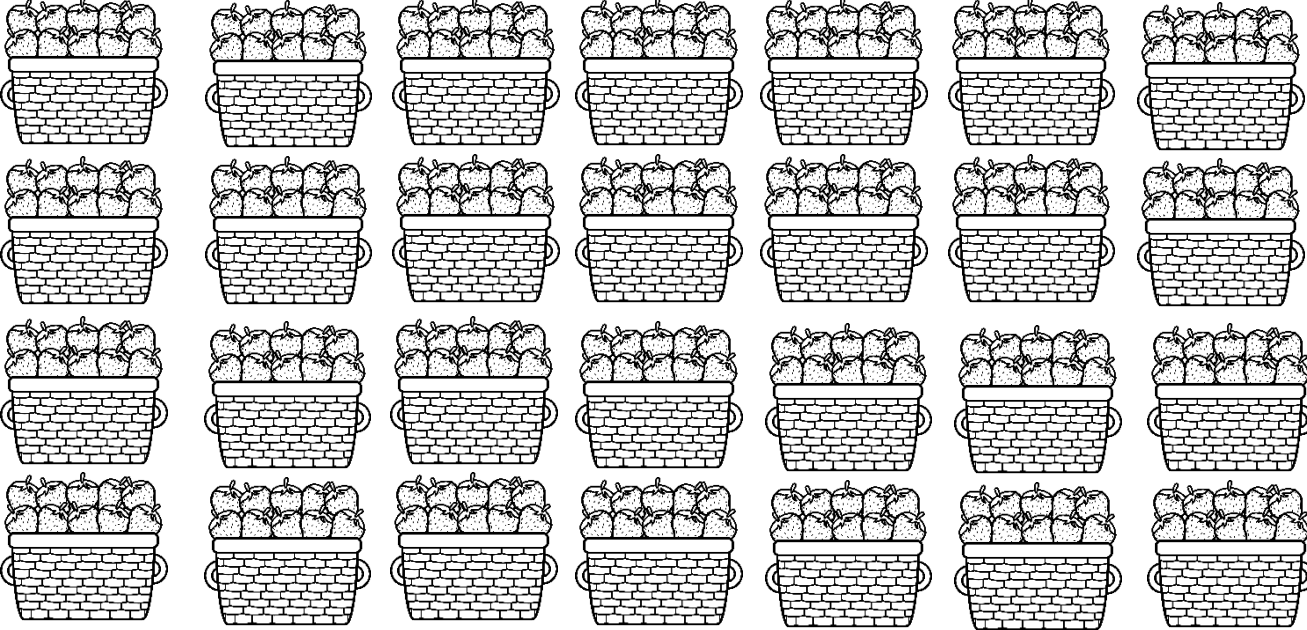


Naam:

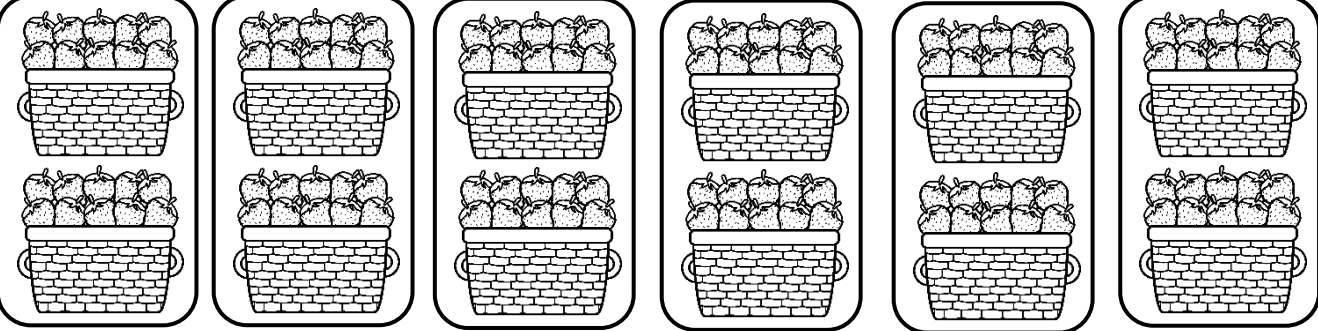
# Groepe

Tel die aarbeie in die mandjies deur groepering.

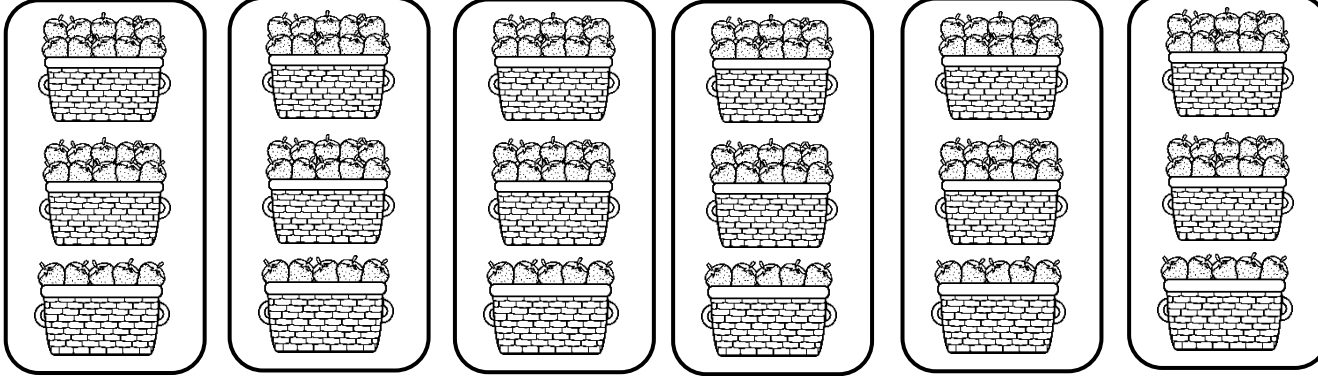
Skryf dan 'n getalsin vir elk van die volgende:



\_\_\_\_\_ groepe van \_\_\_\_\_ = \_\_\_\_\_ aarbeie



\_\_\_\_\_ groepe van \_\_\_\_\_ = \_\_\_\_\_ aarbeie

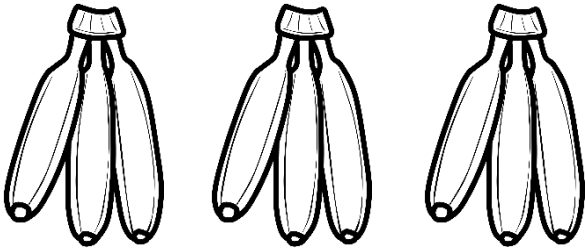


\_\_\_\_\_ groepe van \_\_\_\_\_ = \_\_\_\_\_ aarbeie

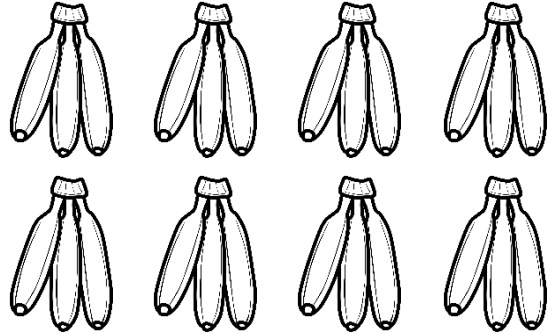
# Groepe van 3

Tel die piesangs deur groepering.

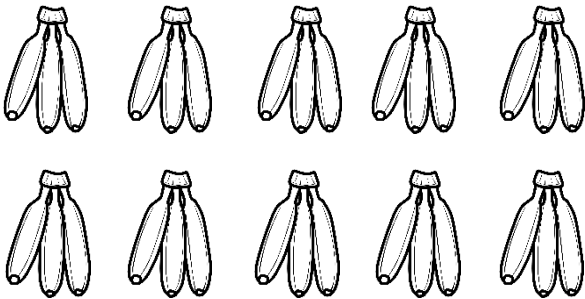
Skryf dan 'n getalsin vir elk van die volgende:



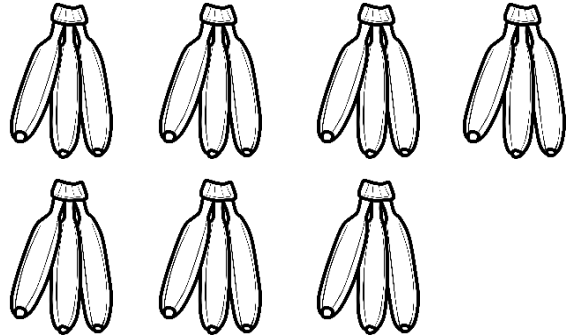
\_\_\_\_\_ = \_\_\_\_\_ piesangs  
\_\_\_\_\_ groepe van \_\_\_\_\_ = \_\_\_\_\_ piesangs



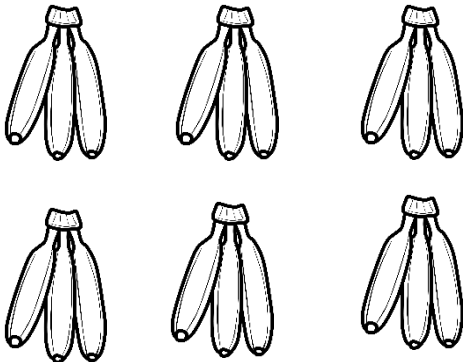
\_\_\_\_\_ = \_\_\_\_\_ piesangs  
\_\_\_\_\_ groepe van \_\_\_\_\_ = \_\_\_\_\_ piesangs



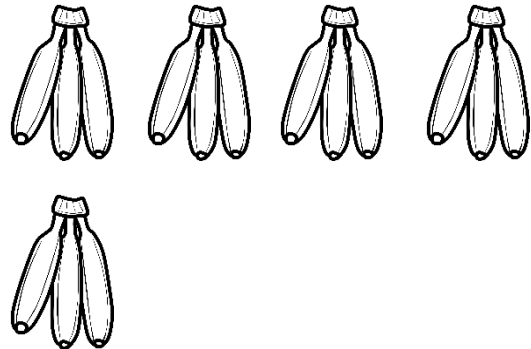
\_\_\_\_\_ = \_\_\_\_\_ piesangs  
\_\_\_\_\_ groepe van \_\_\_\_\_ = \_\_\_\_\_ piesangs



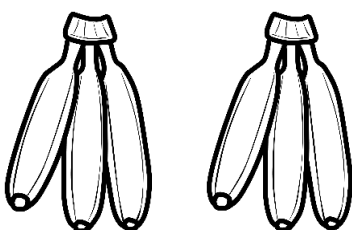
\_\_\_\_\_ = \_\_\_\_\_ piesangs  
\_\_\_\_\_ groepe van \_\_\_\_\_ = \_\_\_\_\_ piesangs



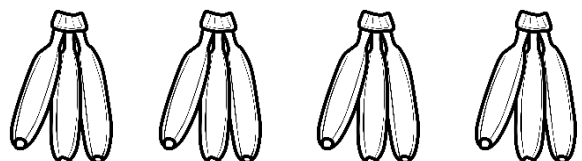
\_\_\_\_\_ = \_\_\_\_\_ piesangs  
\_\_\_\_\_ groepe van \_\_\_\_\_ = \_\_\_\_\_ piesangs



\_\_\_\_\_ = \_\_\_\_\_ piesangs  
\_\_\_\_\_ groepe van \_\_\_\_\_ = \_\_\_\_\_ piesangs



\_\_\_\_\_ = \_\_\_\_\_ piesangs  
\_\_\_\_\_ groepe van \_\_\_\_\_ = \_\_\_\_\_ piesangs

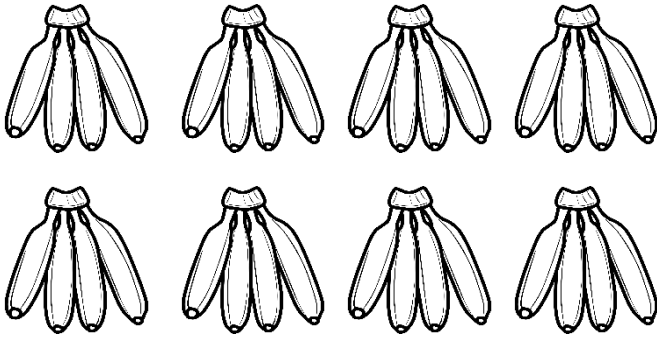


\_\_\_\_\_ = \_\_\_\_\_ piesangs  
\_\_\_\_\_ groepe van \_\_\_\_\_ = \_\_\_\_\_ piesangs

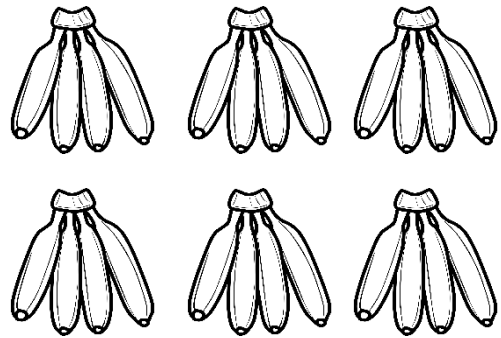
# Groepe van 4

Tel die piesangs deur groepering.

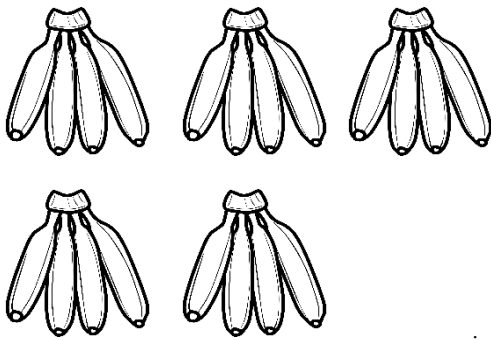
Skryf dan 'n getalsin vir elk van die volgende:



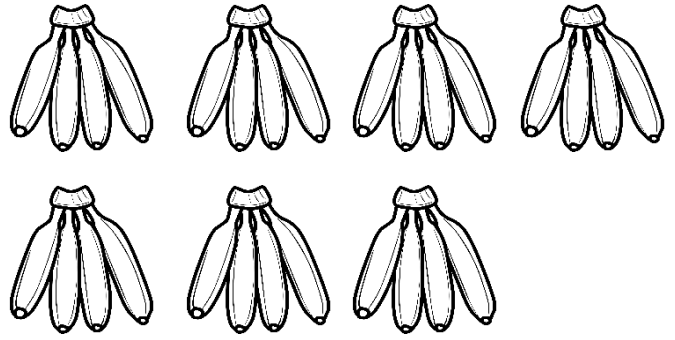
\_\_\_\_\_ = \_\_\_\_\_ piesangs  
\_\_\_\_\_ groepe van \_\_\_\_\_ = \_\_\_\_\_ piesangs



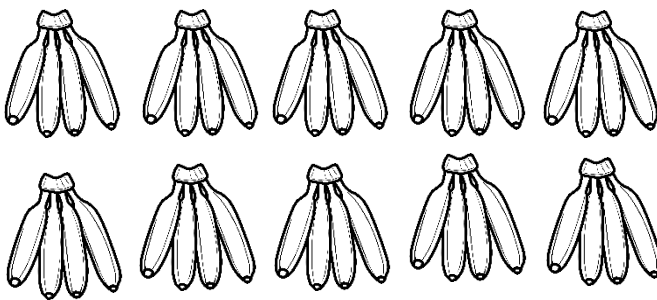
\_\_\_\_\_ = \_\_\_\_\_ piesangs  
\_\_\_\_\_ groepe van \_\_\_\_\_ = \_\_\_\_\_ piesangs



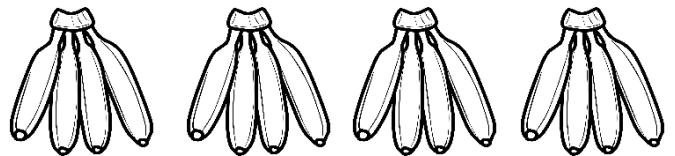
\_\_\_\_\_ = \_\_\_\_\_ piesangs  
\_\_\_\_\_ groepe van \_\_\_\_\_ = \_\_\_\_\_ piesangs



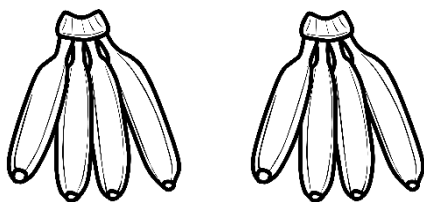
\_\_\_\_\_ = \_\_\_\_\_ piesangs  
\_\_\_\_\_ groepe van \_\_\_\_\_ = \_\_\_\_\_ piesangs



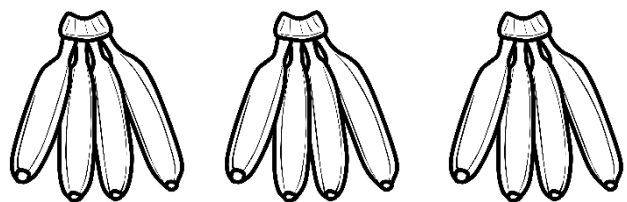
\_\_\_\_\_ = \_\_\_\_\_ piesangs  
\_\_\_\_\_ groepe van \_\_\_\_\_ = \_\_\_\_\_ piesangs



\_\_\_\_\_ = \_\_\_\_\_ piesangs  
\_\_\_\_\_ groepe van \_\_\_\_\_ = \_\_\_\_\_ piesangs



\_\_\_\_\_ = \_\_\_\_\_ piesangs  
\_\_\_\_\_ groepe van \_\_\_\_\_ = \_\_\_\_\_ piesangs

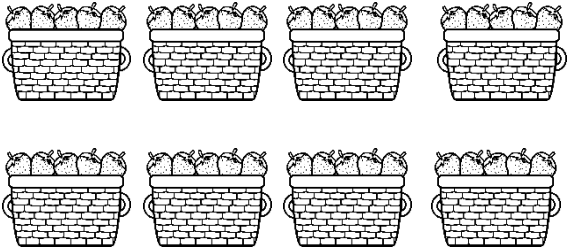


\_\_\_\_\_ = \_\_\_\_\_ piesangs  
\_\_\_\_\_ groepe van \_\_\_\_\_ = \_\_\_\_\_ piesangs

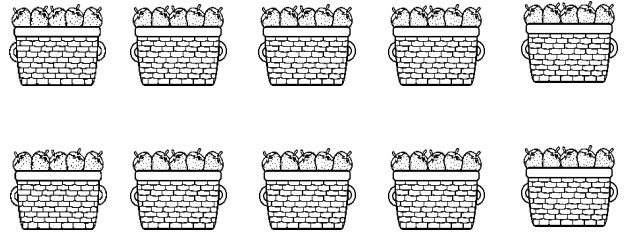
# Groepe van 5

Tel die aarbeie in die mandjies deur groepering.

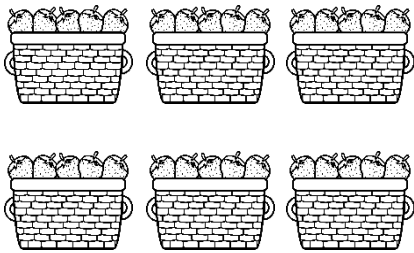
Skryf dan 'n getalsin vir elk van die volgende:



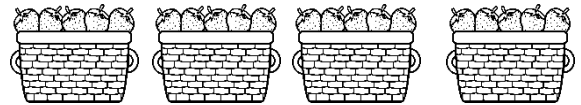
\_\_\_\_\_ = \_\_\_\_\_ aarbeie  
 \_\_\_\_\_ groepe van \_\_\_\_\_ = \_\_\_\_\_ aarbeie



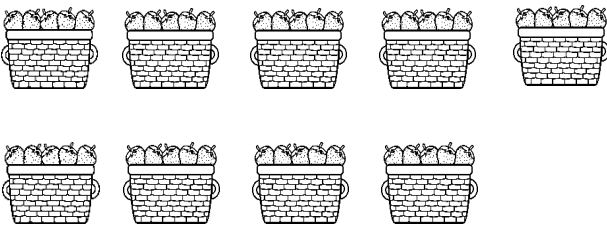
\_\_\_\_\_ = \_\_\_\_\_ aarbeie  
 \_\_\_\_\_ groepe van \_\_\_\_\_ = \_\_\_\_\_ aarbeie



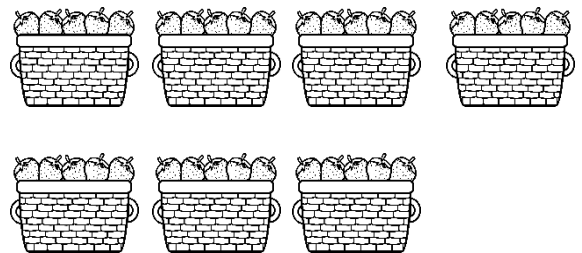
\_\_\_\_\_ = \_\_\_\_\_ aarbeie  
 \_\_\_\_\_ groepe van \_\_\_\_\_ = \_\_\_\_\_ aarbeie



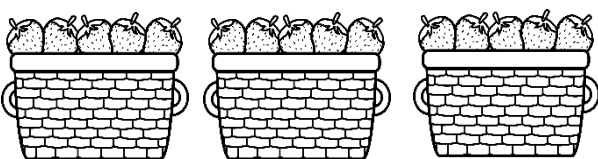
\_\_\_\_\_ = \_\_\_\_\_ aarbeie  
 \_\_\_\_\_ groepe van \_\_\_\_\_ = \_\_\_\_\_ aarbeie



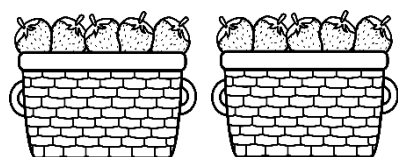
\_\_\_\_\_ = \_\_\_\_\_ aarbeie  
 \_\_\_\_\_ groepe van \_\_\_\_\_ = \_\_\_\_\_ aarbeie



\_\_\_\_\_ = \_\_\_\_\_ aarbeie  
 \_\_\_\_\_ groepe van \_\_\_\_\_ = \_\_\_\_\_ aarbeie



\_\_\_\_\_ = \_\_\_\_\_ aarbeie  
 \_\_\_\_\_ groepe van \_\_\_\_\_ = \_\_\_\_\_ aarbeie

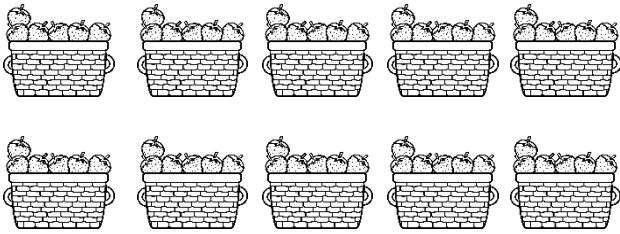


\_\_\_\_\_ = \_\_\_\_\_ aarbeie  
 \_\_\_\_\_ groepe van \_\_\_\_\_ = \_\_\_\_\_ aarbeie

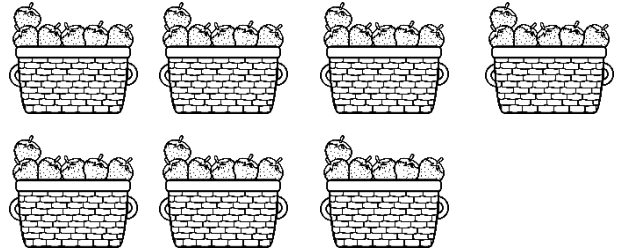
# Groep van 6

Tel die aarbeie in die mandjies deur groepering.

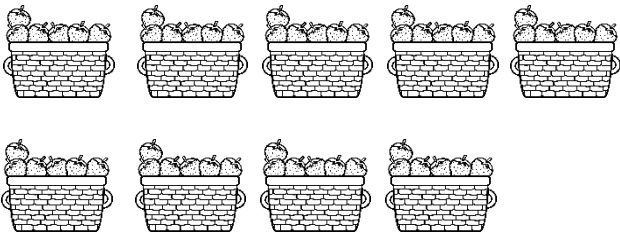
Skryf dan 'n getalsin vir elk van die volgende:



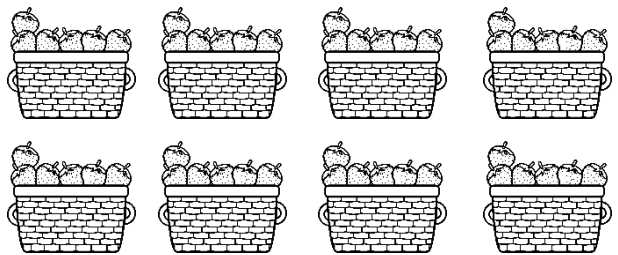
\_\_\_\_\_ = \_\_\_\_\_ aarbeie  
\_\_\_\_\_ groepe van \_\_\_\_\_ = \_\_\_\_\_ aarbeie



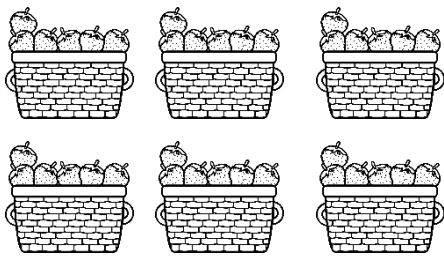
\_\_\_\_\_ = \_\_\_\_\_ aarbeie  
\_\_\_\_\_ groepe van \_\_\_\_\_ = \_\_\_\_\_ aarbeie



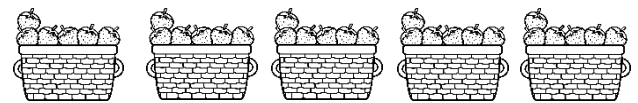
\_\_\_\_\_ = \_\_\_\_\_ aarbeie  
\_\_\_\_\_ groepe van \_\_\_\_\_ = \_\_\_\_\_ aarbeie



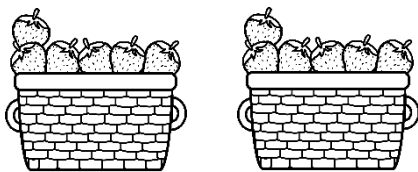
\_\_\_\_\_ = \_\_\_\_\_ aarbeie  
\_\_\_\_\_ groepe van \_\_\_\_\_ = \_\_\_\_\_ aarbeie



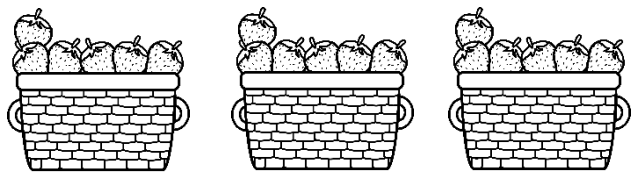
\_\_\_\_\_ = \_\_\_\_\_ aarbeie  
\_\_\_\_\_ groepe van \_\_\_\_\_ = \_\_\_\_\_ aarbeie



\_\_\_\_\_ = \_\_\_\_\_ aarbeie  
\_\_\_\_\_ groepe van \_\_\_\_\_ = \_\_\_\_\_ aarbeie

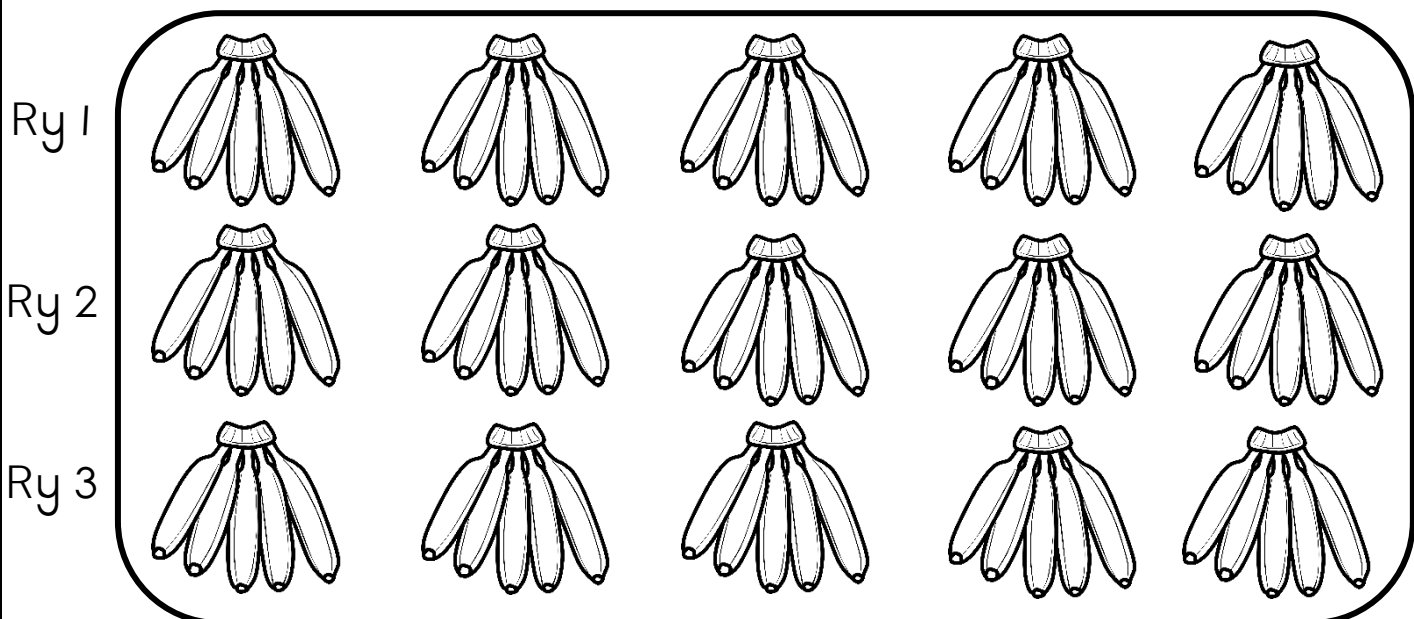


\_\_\_\_\_ = \_\_\_\_\_ aarbeie  
\_\_\_\_\_ groepe van \_\_\_\_\_ = \_\_\_\_\_ aarbeie



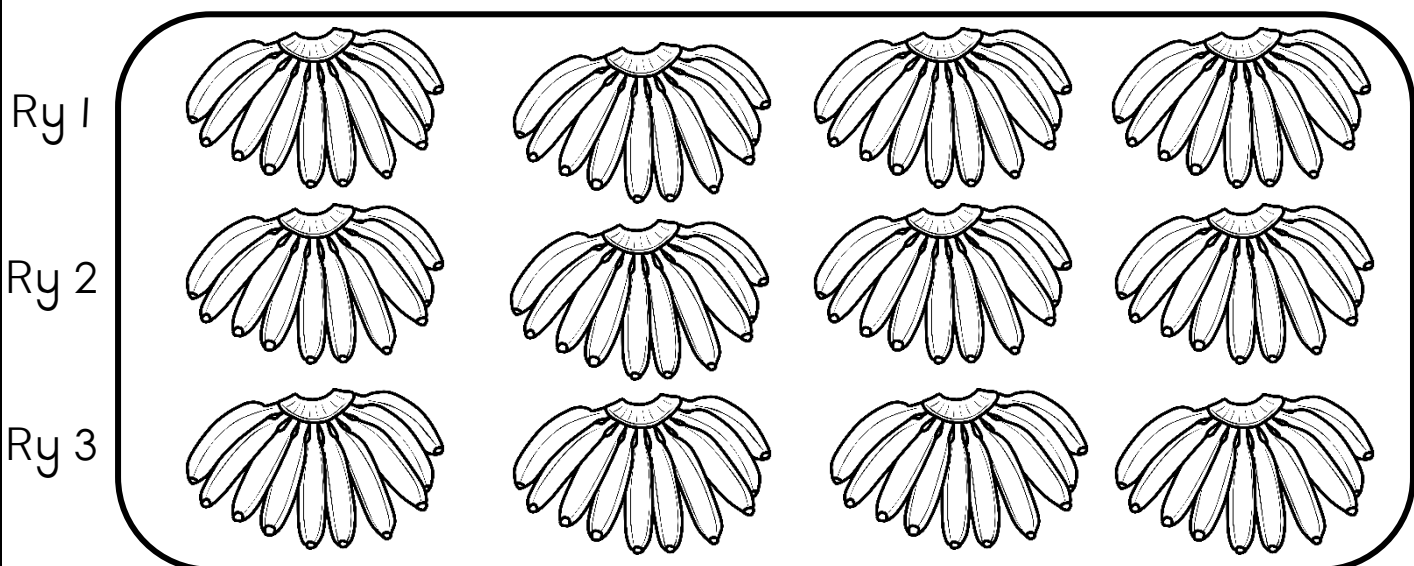
\_\_\_\_\_ = \_\_\_\_\_ aarbeie  
\_\_\_\_\_ groepe van \_\_\_\_\_ = \_\_\_\_\_ aarbeie

# Groepe



1. Hoeveel piesangs is in 'n tros? \_\_\_\_\_
2. Hoeveel trosse piesangs is in elke ry? \_\_\_\_\_
3. Hoeveel piesangs is in elke ry? \_\_\_\_\_
4. Hoeveel piesangs is daar altesaam? \_\_\_\_\_
5. Skryf 'n getalsin wat die totale aantal piesangs aandui.

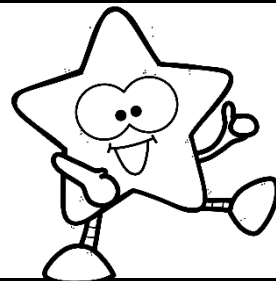
\_\_\_\_\_



1. Hoeveel piesangs is in 'n tros? \_\_\_\_\_
2. Hoeveel trosse piesangs is in elke ry? \_\_\_\_\_
3. Hoeveel piesangs is in elke ry? \_\_\_\_\_
4. Hoeveel piesangs is daar altesaam? \_\_\_\_\_
5. Skryf 'n getalsin wat die totale aantal piesangs aandui.

\_\_\_\_\_

# Tel aan en terug



Tel vorentoe of agtertoe in 2's.

a.

246	248					258		
-----	-----	--	--	--	--	-----	--	--

b.

315	317						329	
-----	-----	--	--	--	--	--	-----	--

c.

197	199								
-----	-----	--	--	--	--	--	--	--	--

d.

460			400		360				
-----	--	--	-----	--	-----	--	--	--	--

Tel vorentoe of agtertoe in 3's.

e.

300	303					318		
-----	-----	--	--	--	--	-----	--	--

f.

227	224			215				
-----	-----	--	--	-----	--	--	--	--

g.

373	375	377						
-----	-----	-----	--	--	--	--	--	--

Tel vorentoe of agtertoe in 5'e.

h.

85			70			55		
----	--	--	----	--	--	----	--	--

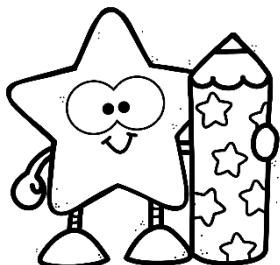
i.

240			255					280
-----	--	--	-----	--	--	--	--	-----

j.

405		395			380			365	
-----	--	-----	--	--	-----	--	--	-----	--

Tel in 4's vanaf 144 - 212.

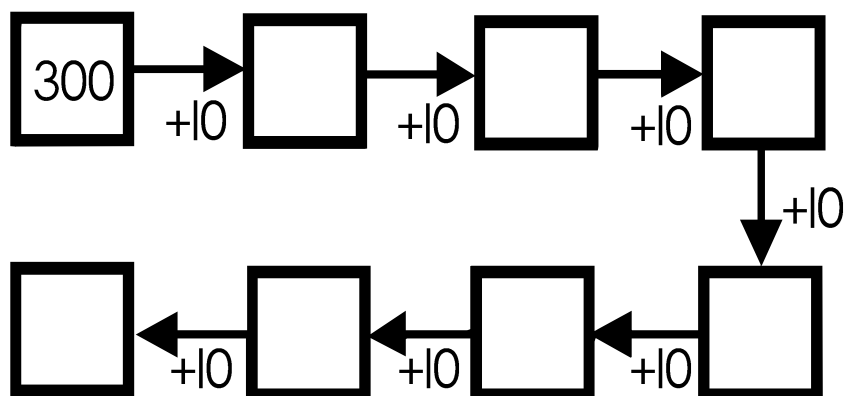
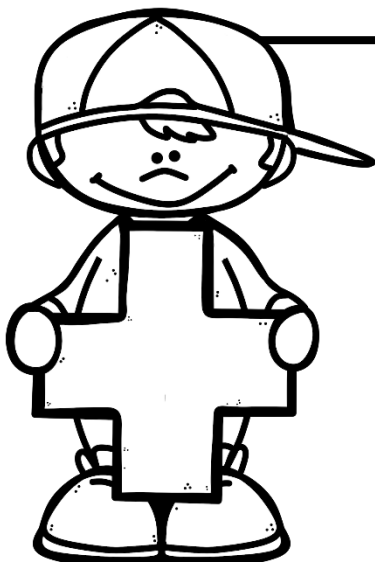
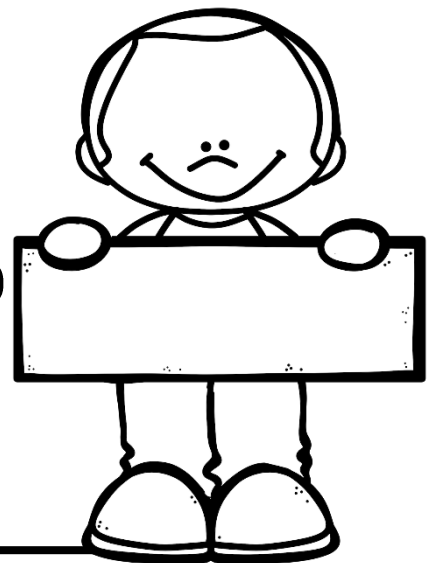
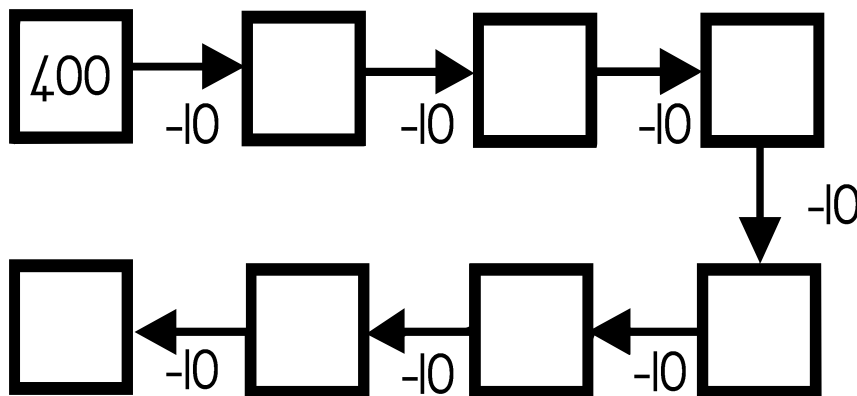
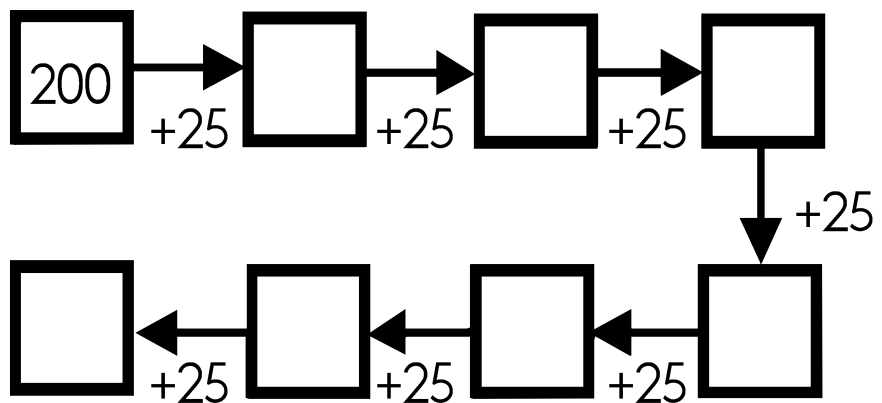
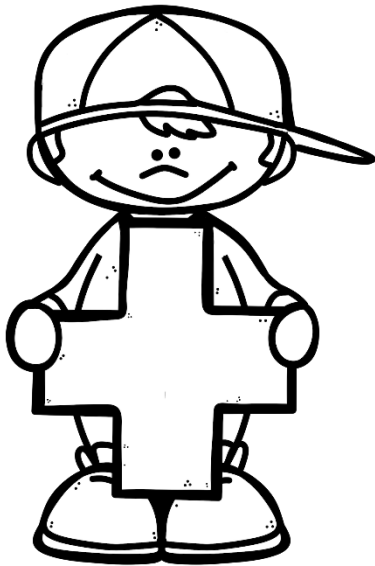


144			156					
	184				200			212



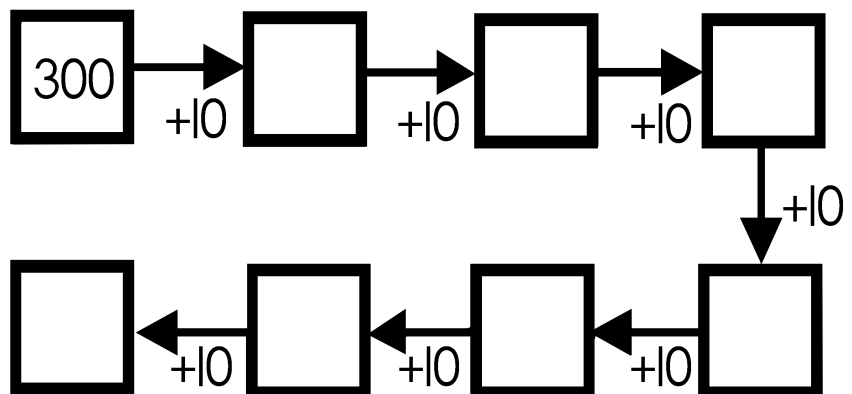
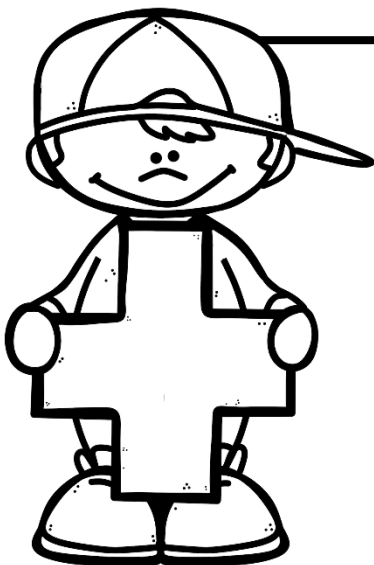
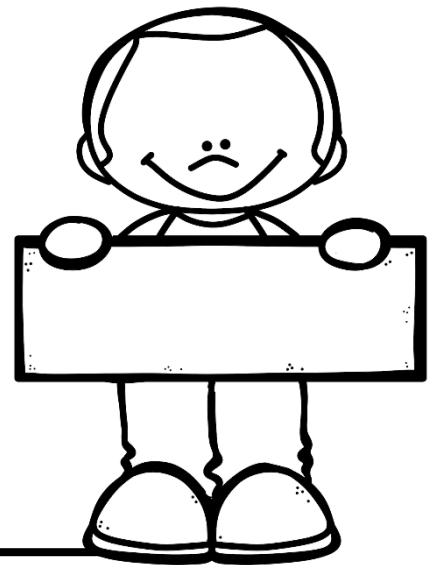
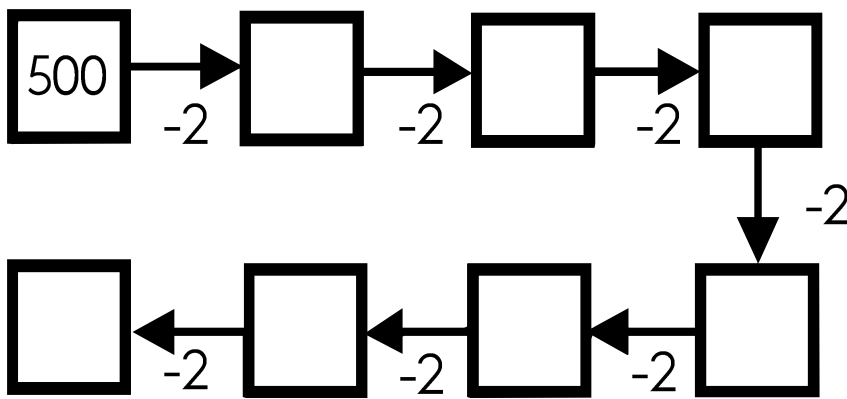
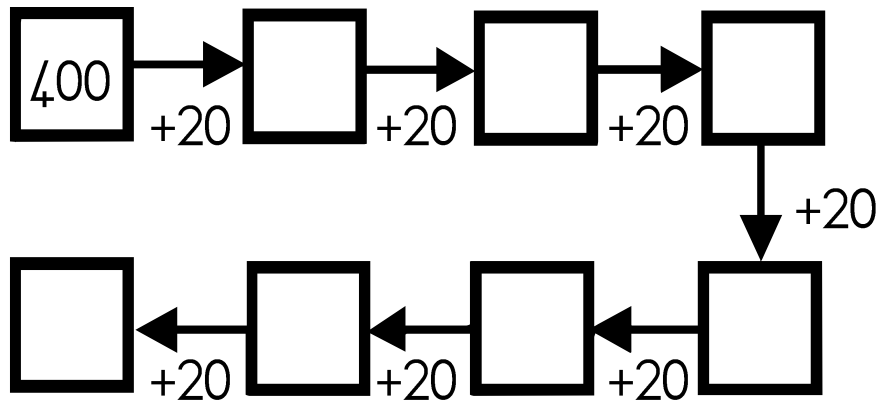
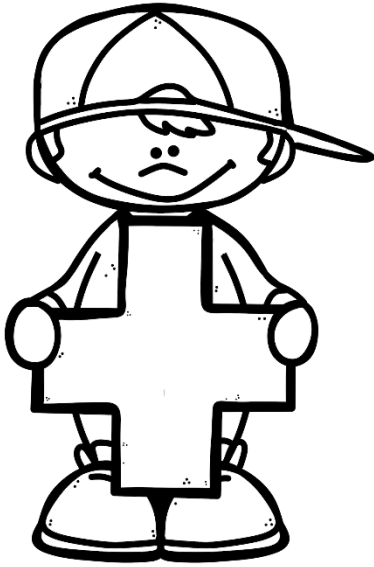
# Kom ons dink slim!

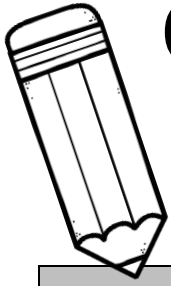
Vul die ontbrekende getalle in.



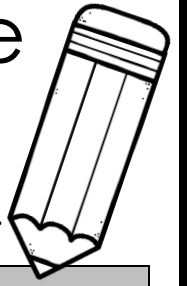
# Kom ons dink slim!

Vul die ontbrekende getalle in.





# Getalname en getalsimbole

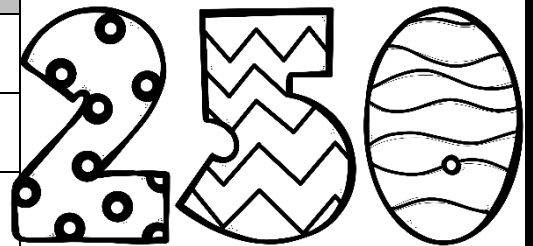


Pas kolom A by kolom B deur 'n lyn te trek met 'n liniaal.

Kolom A		Kolom B
99		tweehonderd en vyftig
489		driehonderd vier en twintig
161		eenhonderd drie en sestig
250		vierhonderd nege en tagtig
324		nege en negentig
163		drie en sewentig
73		eenhonderd een en sestig

Skryf die getalsimbole vir die volgende getalname.

Getalnaam	Getalsimbool
eenhonderd ses en sewentig	
tweehonderd en drie	
eenhonderd en vyftig	
tweehonderd drie en dertig	



Skryf die getalnaam vir die volgende getalsimbole.

Getalsimbool	Getalnaam
129	
231	
250	
190	

# Kleiner as, groter as en is gelyk aan

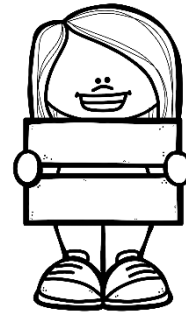
Vul in: Kleiner as, groter as of is gelyk aan.



kleiner as



groter as



is gelyk aan

339		239
-----	--	-----

$3 + 3 + 3 + 3$		$3 \times 4$
-----------------	--	--------------

339		239
-----	--	-----

$2H + 3T + 9E$		329
----------------	--	-----

119		199
-----	--	-----

88		$44 \times 2$
----	--	---------------

$2 \times 5$		$5 \times 2$
--------------	--	--------------

$4 + 4 + 4 + 4$		$4 \times 6$
-----------------	--	--------------

$6 \times 5$		$6 \times 4$
--------------	--	--------------

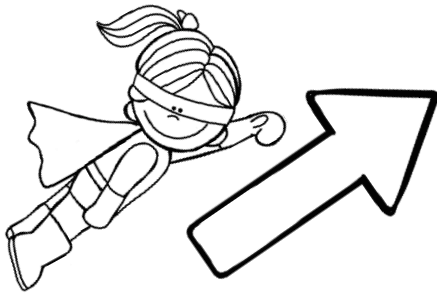
$1H + 2T + 7E$		127
----------------	--	-----

Vul in: meer as of minder as

- 129 is 5 \_\_\_\_\_ as 124.
- 235 is 3 \_\_\_\_\_ as 238.
- 170 is 10 \_\_\_\_\_ as 180.
- 175 is 25 \_\_\_\_\_ as 200.
- 140 is 20 \_\_\_\_\_ as 160.
- 200 is 50 \_\_\_\_\_ as 150.

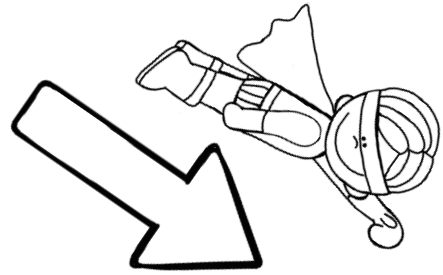


# Stygende en dalende orde



stygende orde

kleinste na die grootste



dalende orde

grootste na die kleinste

---

Rangskik die getalle in die dalende orde.

a. 339, 93, 313, 133, 393, 323, 191

\_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

b. 41, 451, 145, 411, 51, 151, 455

\_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

c. 212, 120, 12, 210, 121, 21, 222

\_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

Rangskik die volgende in die stygende orde.

a. 71, 171, 17, 177, 170, 107, 117

\_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

b. 354, 35, 54, 354, 350, 453, 341

\_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

c. 283, 82, 238, 382, 28, 388, 383

\_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_



# Plekwaarde en getalwaarde

Plekwaarde

Plekwaarde wys die plek van die syfer aan.

3	4	1
H	T	E

$341 - H$

$341 - T$

$341 - E$

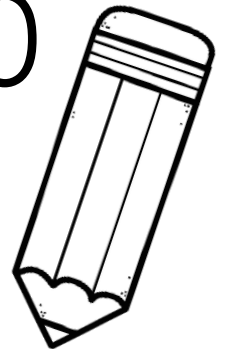
Getalwaarde

Getalwaarde dui die waarde van die getal aan.

$341 - 300$

$341 - 40$

$341 - 1$



Skryf die plekwaarde van die volgende getalle.

1. 231 → \_\_\_\_

2. 231 → \_\_\_\_

3. 381 → \_\_\_\_

4. 498 → \_\_\_\_

5. 498 → \_\_\_\_

6. 498 → \_\_\_\_

7. 273 → \_\_\_\_

8. 273 → \_\_\_\_

9. 273 → \_\_\_\_

10. 156 → \_\_\_\_

Skryf die getalwaarde van die volgende getalle.

1. 231 → \_\_\_\_

2. 231 → \_\_\_\_

3. 381 → \_\_\_\_

4. 498 → \_\_\_\_

5. 498 → \_\_\_\_

6. 498 → \_\_\_\_

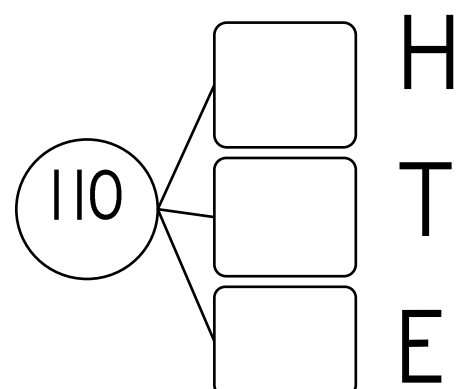
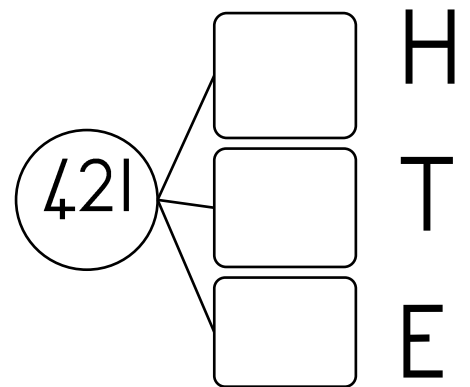
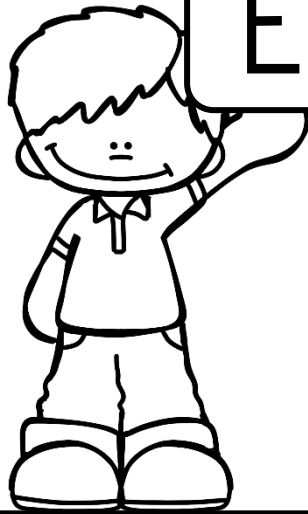
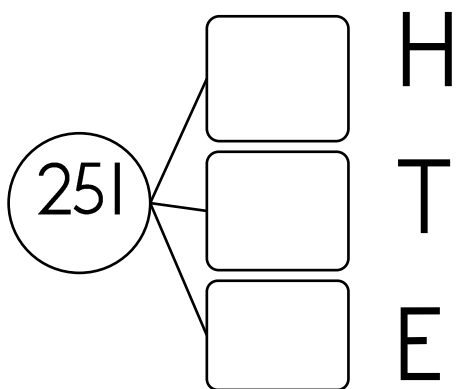
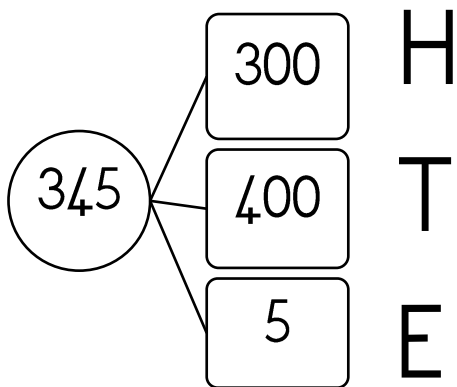
7. 273 → \_\_\_\_

8. 273 → \_\_\_\_

9. 273 → \_\_\_\_

10. 156 → \_\_\_\_

Ontbind twee-syfer getalle in veelvoude van honderde, tiene en ene. Die eerste een is vir jou gedoen.



Ontbind 3 syfer getalle in veelvoude van honderde, tiene en ene.

Byvoorbeeld:  
 $273 = 200 + 70 + 3$

1.  $346 =$  \_\_\_\_\_
2.  $428 =$  \_\_\_\_\_
3.  $499 =$  \_\_\_\_\_
4.  $102 =$  \_\_\_\_\_
5.  $245 =$  \_\_\_\_\_
6.  $392 =$  \_\_\_\_\_

Voltooi die ontbrekende getalle in die blokke.

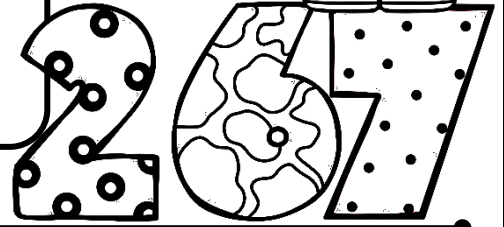
1.  $467 = 400 + \square + 6$
2.  $300 + 60 + 8 = \square$
3.  $125 = \square + 20 + 5$
4.  $200 = 200 + \square + \square$
5.  $400 + 20 + 8 = \square$
6.  $398 = 300 + \square + \square$
7.  $400 + 0 + 2 = \square$
8.  $200 + 50 + 0 = \square$

# Plekwaarde

Skryf die getalle:

Byvoorbeeld:

2 honderd + 6 tiene en 7 ene = 267



	Getal
1 honderd en 3 tiene	
2 honderd en 4 tiene en 5 ene	
3 honderd + 9 tiene + 2 ene	
4 honderd + 5 tiene + 7 ene	
2 honderd + 7 tiene + 3 ene	
4 honderd + 1 tiene + 6 ene	
1 honderd + 2 tiene + 1 ene	
1 honderd + 3 tiene + 4 ene	
2 honderd + 9 ene	
3 honderd + 7 tiene	
2 honderd + 7 tiene + 5 ene	
4 honderd + 5 tiene	



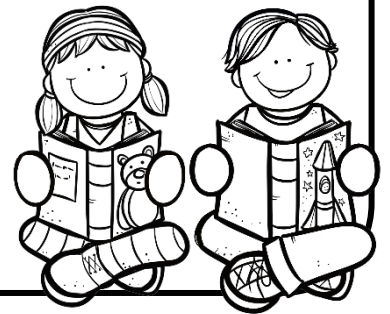
# Probleemoplossing

- Optel en aftrek -

Lees die woordprobleme. Wys jou bewerkings.

Skryf 'n getalsin vir elkeen.

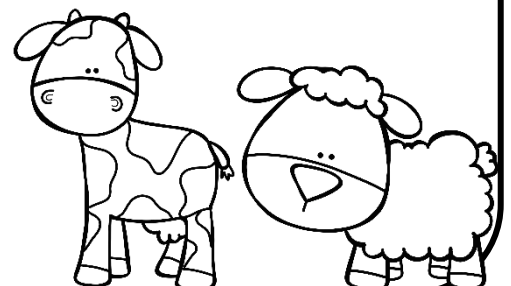
Jan lees 115 bladsye. Karla lees 126 bladsye. Hoeveel meer bladsye het Karla as Jan gelees?



Ben het 218 albasters. Hy het 97 albasters minder as David. Hoeveel albasters het David?



Boer Ben tel sy diere. Hy tel 123 skape en 145 koeie. Hoeveel diere tel hy altesaam?



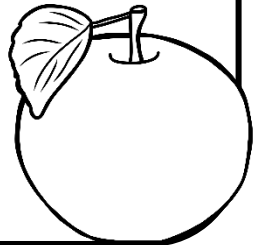
# Probleemoplossing

- Optel en aftrek -

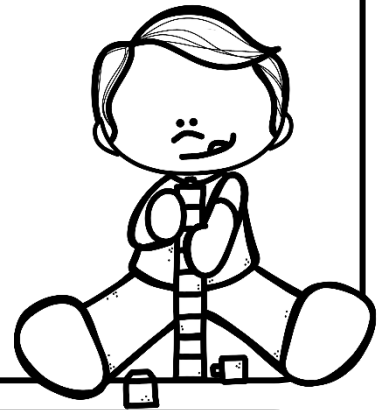
Lees die woordprobleme. Wys jou bewerkings.

Skryf 'n getalsin vir elkeen.

Mia pluk 34 appels en daarna nog 67 appels. Hoeveel appels het sy altesaam gepluk?



Zander tel 87 blokkies uit. Kobus tel 38 uit. Hulle stapel dit op 'n toring. Hoeveel meer blokkies tel Zander as Kobus?



Benjamin verkoop spookasem. Hy begin met 92 stokkies spookasem en het nou 67 oor. Hoeveel spookasem het Benjamin tot dusver verkoop?

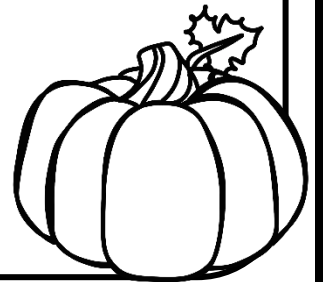


# Probleemoplossing

- Herhaalde optel wat lei na vermenigvuldiging -

Lees die woordprobleme. Teken 'n prent indien nodig.  
Skryf 'n getalsin vir elkeen.

'n Groentetuin het 12 rye pampoene. Elke ry het 7 pampoene.  
Hoeveel pampoene is daar in die tuin?



'n Groentetuin het 48 plante wat in rye geplant is. Daar is 7 plante  
in elke ry. Hoeveel rye is daar?



Mia plant 10 rye saadjies. Daar is 7 saadjies in elke ry. Hoeveel  
saadjies het sy altesaam geplant?

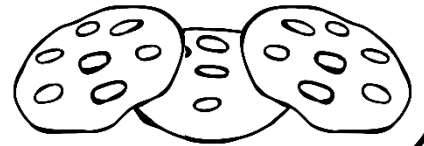


# Probleemoplossing

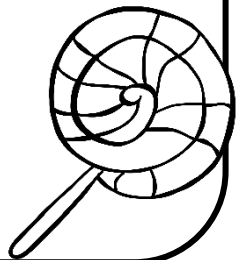
- Herhaalde optelling wat lei na deling -

Lees die woordprobleme. Teken 'n prent indien nodig.  
Skryf 'n getalsin vir elkeen.

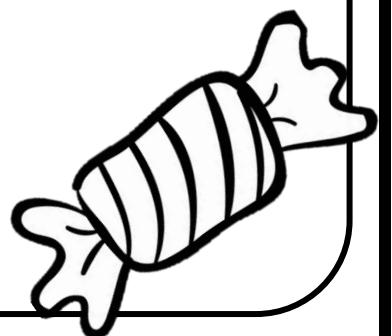
Lisa het 9 pakkies. Sy pak 3 koekies in elke pakkie. Hoeveel koekies is daar altesaam



Ben het 20 suigstokkies. Hy wil dit graag gelykop verdeel sodat al 4 sy maats ewe veel kry. Hoeveel suigstokkies sal elke maat kry?

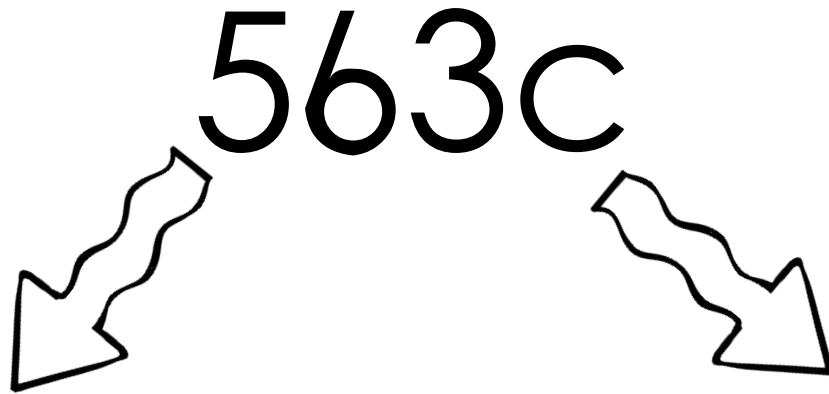


Karel het 66 lekkers. Elke dag eet hy 3 lekkers. Hoeveel dae kan hy lekkers eet?



# Geld

Stappe om 'n getal as rand en sent te skryf.



Die eerste getal kom voor die komma en dit is "rand".

Die laaste 2 getalle kom na die komma en dit is "sent".

$$= R5,63$$

Skryf die volgende as rand en sent.

	rand en sent
345c	
187c	
945c	
220c	
130c	
194c	
274c	

Tel die geld bymekaar. Skryf die antwoord eers in sent en dan in rand en sent.

	sent	rand en sent
$90c + 45c$		
$65c + 55c$		
$330c + 82c$		
$115c + 75c$		
$40c + 64c$		

Tel die geld bymekaar en skryf dit dan in rand en sent.

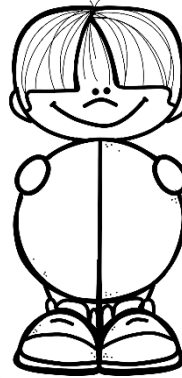
	Kolom vir bewerkings (indien nodig)	Rand en sent
$R1 + 50c + 15c + R6 =$		
$10c + 10c + 10c + 50c + 5c + 5c =$		
$R10 + 30c + 80c + R100 =$		
$R20 + R10 + R5 + 22c$		
$5c + 5c + 5c + R5 + R5 + R5 + R50$		

# Breuke

1 hele

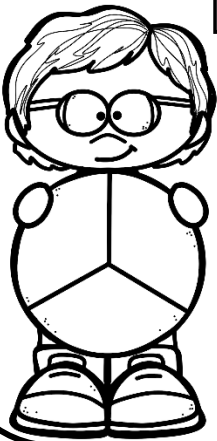


halwes –  $\frac{1}{2}$



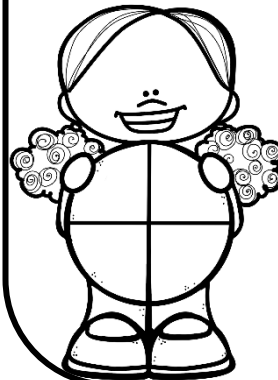
Die voorwerp of  
vorm word in  
twee ewe groot  
dele gedeel.

derdes –  $\frac{1}{3}$



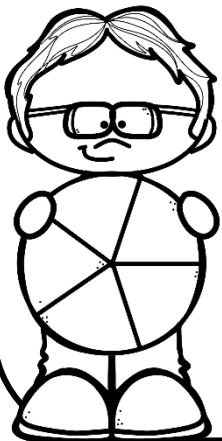
Die voorwerp of  
vorm word in  
drie ewe groot  
dele gedeel.

kwarte –  $\frac{1}{4}$



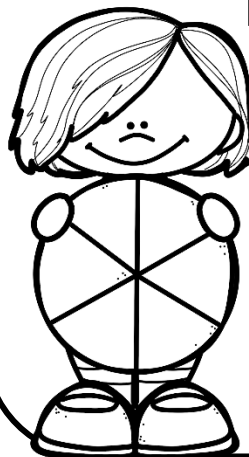
Die voorwerp of  
vorm word in  
vier ewe groot  
dele gedeel.

vyfdes –  $\frac{1}{5}$



Die voorwerp of  
vorm word in  
vyf ewe groot  
dele gedeel.

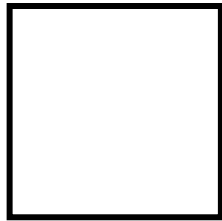
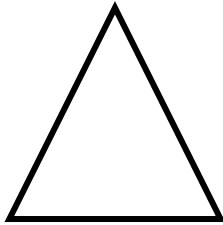
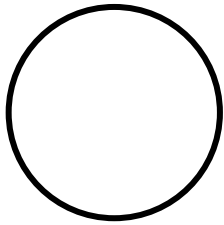
sesdes –  $\frac{1}{6}$



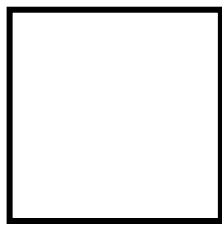
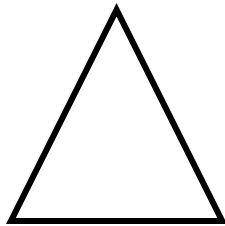
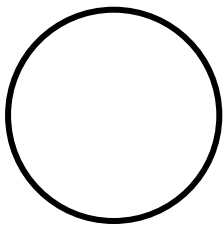
Die voorwerp of  
vorm word in  
ses ewe groot  
dele gedeel.

# Breuke

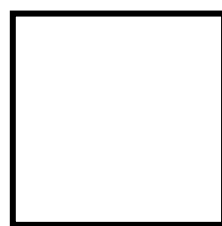
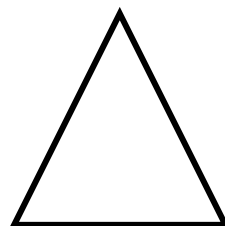
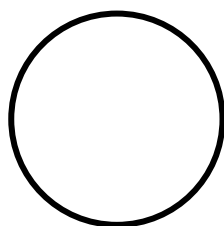
Kleur die  $\frac{1}{2}$  van die vorms in.



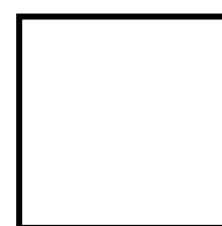
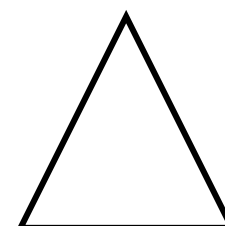
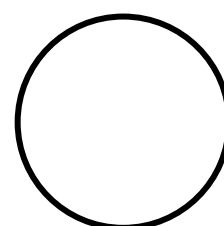
Kleur 'n  $\frac{1}{4}$  van die vorms in.



Kleur die  $\frac{2}{4}$  van die vorms in.

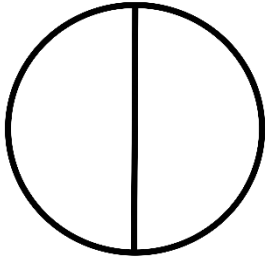


Kleur die  $\frac{3}{4}$  van die vorms in.

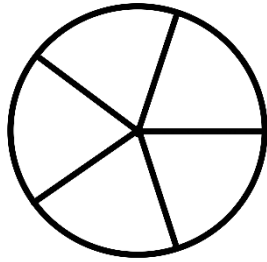




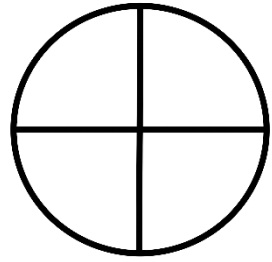
Kleur die volgende breukdele in.



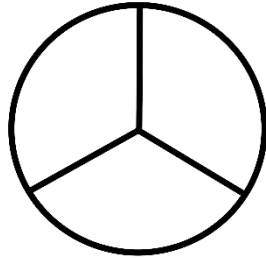
'n halwe



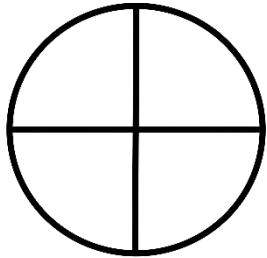
twee vyfdes



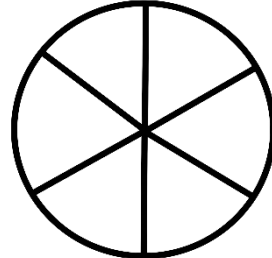
'n kwart



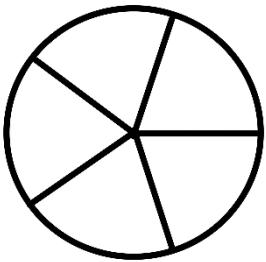
twee derdes



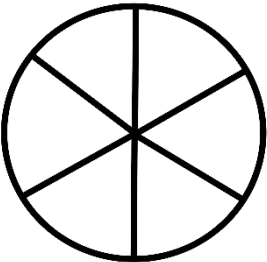
driekwart



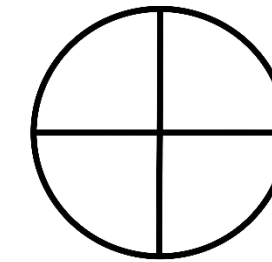
vier sesdes



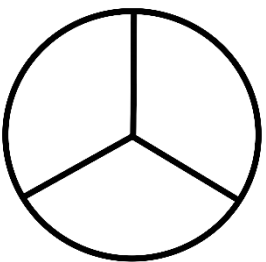
'n vyfde



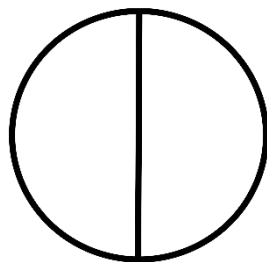
'n sesde



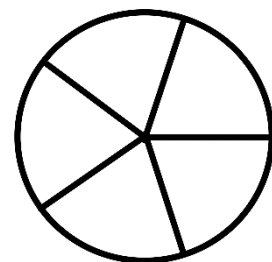
twee kwarte



'n derde

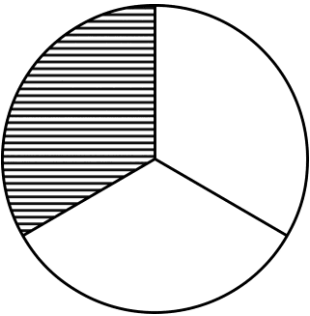


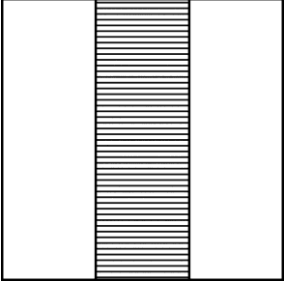
'n hele

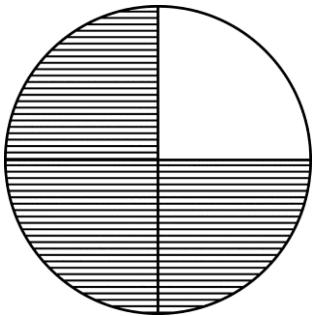


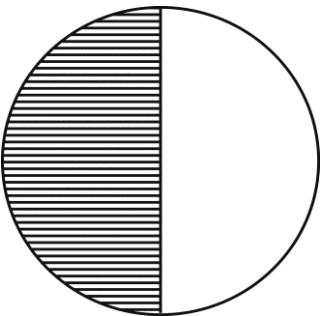
vier vyfdes

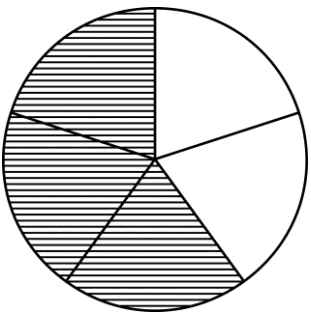
Watter breukdeel is ingekleur? Skryf die antwoord in breukvorm en in woorde. Die eerste een is vir jou gedoen.

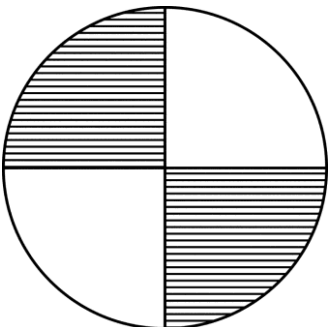

een derde
$\frac{1}{3}$

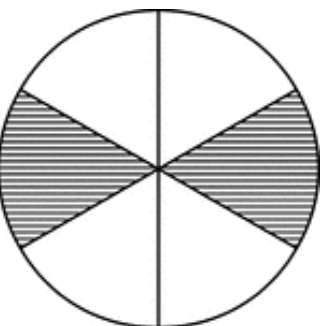


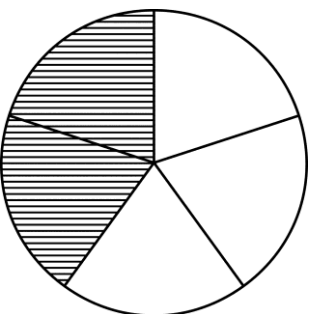


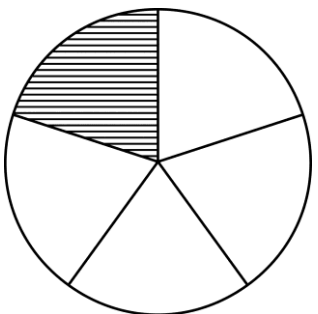












# Kleiner as, groter as en is gelyk aan

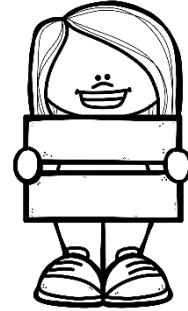
Vul in: Kleiner as, groter as of is gelyk aan.



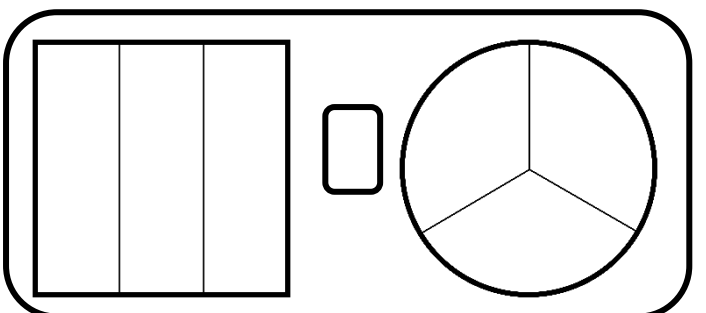
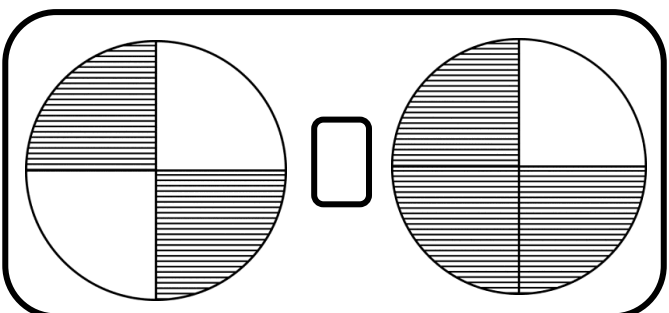
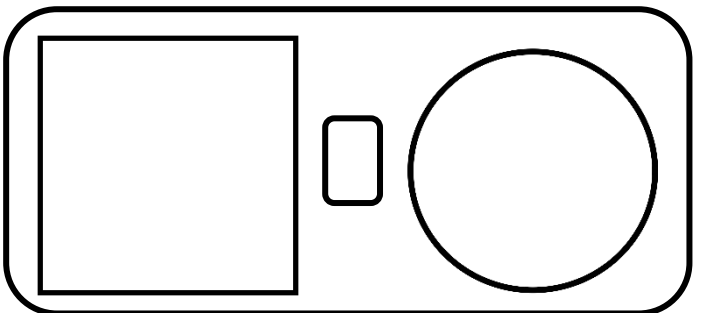
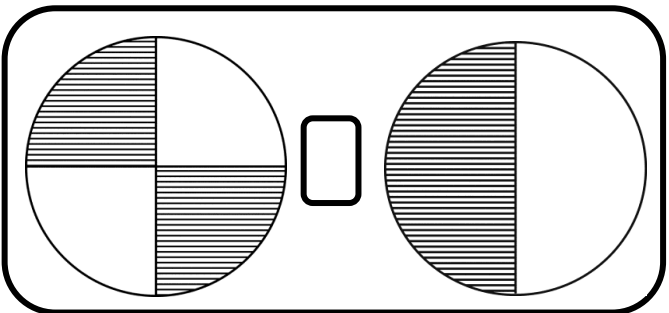
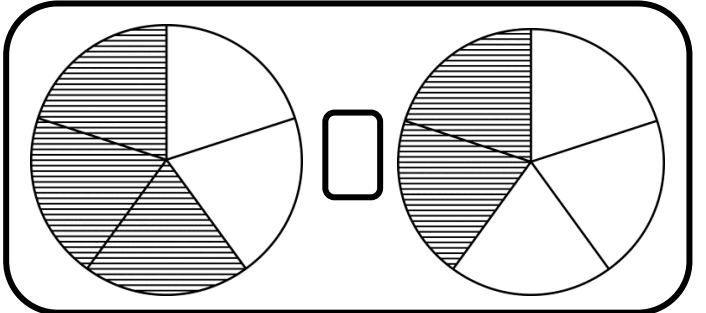
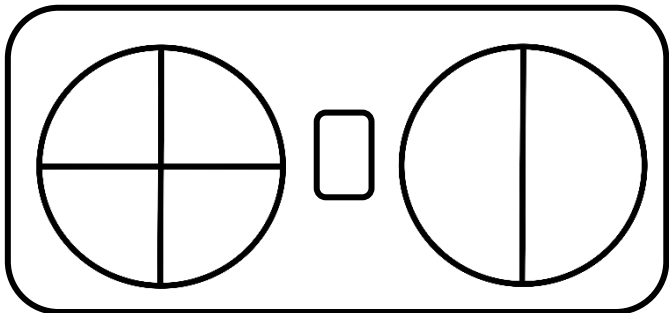
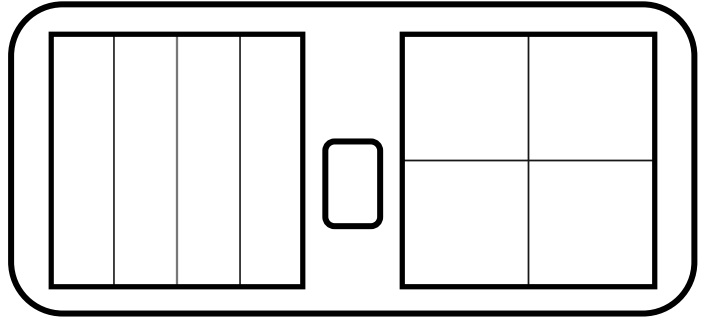
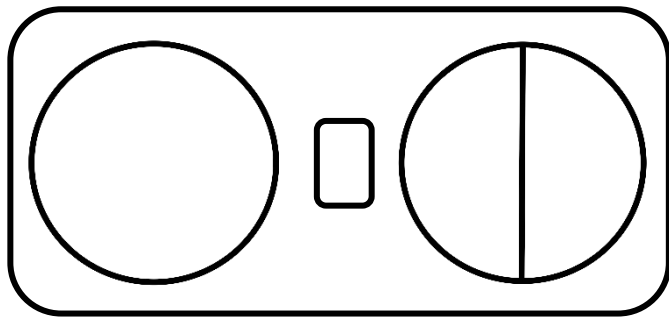
kleiner as



groter as



is gelyk aan



# Breukestroke

Kleur die breukestroke op die volgende maniere in:

geel	1 hele					
rooi	$\frac{1}{2}$			$\frac{1}{2}$		
groen	$\frac{1}{3}$		$\frac{1}{3}$		$\frac{1}{3}$	
oranje	$\frac{1}{4}$	$\frac{1}{4}$		$\frac{1}{4}$	$\frac{1}{4}$	
blou	$\frac{1}{5}$	$\frac{1}{5}$		$\frac{1}{5}$	$\frac{1}{5}$	
pers	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$

Vul in kleiner as of groter as.

$$\frac{1}{2} \square \frac{1}{4}$$

$$\frac{1}{3} \square \frac{1}{2}$$

$$\frac{1}{5} \square \frac{1}{6}$$

$$\frac{1}{6} \square \frac{1}{3}$$

$$\frac{3}{6} \square \frac{2}{5}$$

$$\frac{1}{6} \square \frac{1}{4}$$

Beantwoord die vrae deur na die breukestroke te kyk.

1. Hoeveel halwes is gelyk aan 'n hele? \_\_\_\_\_
2. Hoeveel kwarte is gelyk aan 'n hele? \_\_\_\_\_
3. Hoeveel kwarte is daar in een halwe? \_\_\_\_\_
4. Hoeveel derdes is gelyk aan 'n hele? \_\_\_\_\_
5. Hoeveel sesdes is gelyk aan 'n derde? \_\_\_\_\_
6. Hoeveel sesdes is gelyk aan 'n halwe? \_\_\_\_\_

# Optelling

## Voorbeeld

### Metode 1

Optel van drie-syfer getalle met twee-syfer getalle

$$324 + 82 =$$

$$324 + 82 = (300 + 20 + 4) + (80 + 2)$$

$$= 300 + (20 + 80) + (4 + 2)$$

$$= (300 + 100) + 6$$

$$= 400 + 6$$

$$= 406$$

### Metode 2

Optel van twee drie-syfer getalle

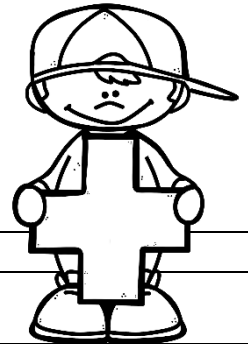
$$323 + 136 =$$

$$323 + 136 = (300 + 20 + 3) + (100 + 30 + 6)$$

$$= (300 + 100) + (20 + 30) + (3 + 6)$$

$$= 400 + 50 + 9$$

$$= 459$$



Gebruik die metodes hierbo om die somme te bereken.

$$278 + 36 =$$

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$$245 + 231 =$$

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$$265 + 148 =$$

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$$114 + 62 =$$

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$$132 + 123 =$$

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$$276 + 48 =$$

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# Aftrekking

## Voorbeeld

### Metode 1

Aftrekking deur die ontbinding van beide getalle

$$889 - 137 =$$

$$889 - 137 = (800 + 80 + 9) - (100 + 30 + 7)$$

$$= (800 - 100) + (80 - 30) + (9 - 7)$$

$$= 700 + 50 + 2$$

$$= 752$$

### Metode 2

Aftrekking deur die ontbinding van een getal

$$889 - 137 =$$

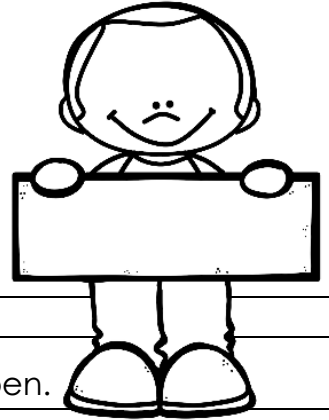
$$889 - (100 + 30 + 7)$$

$$\rightarrow 889 - 100$$

$$\rightarrow 789 - 30$$

$$\rightarrow 759 - 7$$

$$= 752$$



Gebruik enige van die metodes hierbo om die somme te doen.

$$158 - 146 =$$

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$$194 - 122 =$$

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$$288 - 199 =$$

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$$162 - 114 =$$

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$$132 - 123 =$$

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$$276 - 148 =$$

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# Vermenigvuldiging

Voltooi die tabelle deur te vermenigvuldig.

	2	3	4	5	6	7	8	9	10
x2									
x3									
x4									
x5									
x10									

Voltooi die somme.

$12 = 2 \times \square$

$24 = 3 \times \square$

$\square \times 3 = 12$

$9 = \square \times 3$

$3 \times \square = 12$

$6 = 3 \times \square$

$2 \times \square = 4$

$2 \times \square = 10$

$\square \times 3 = 3$

$\square \times 5 = 15$

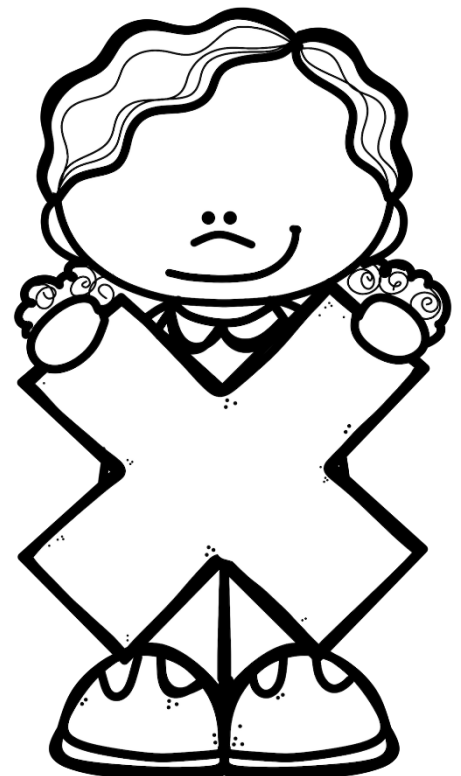
$4 \times \square = 8$

$\square \times 5 = 25$

$4 \times \square = 16$

$3 \times \square = 12$

$\square \times 5 = 50$

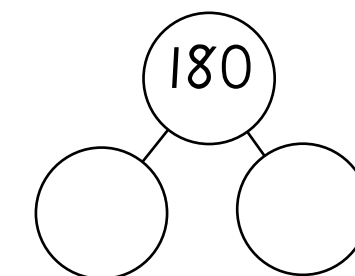
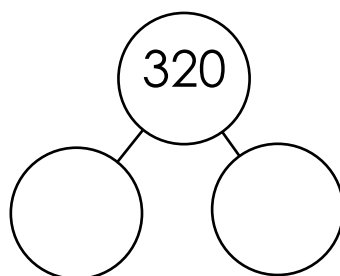
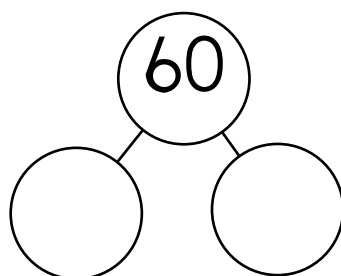
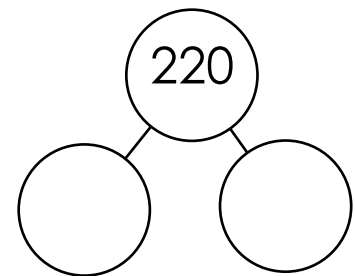
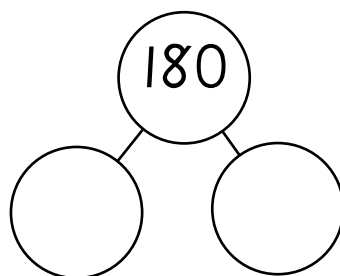
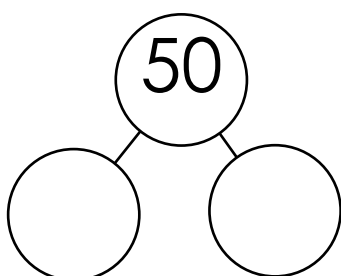
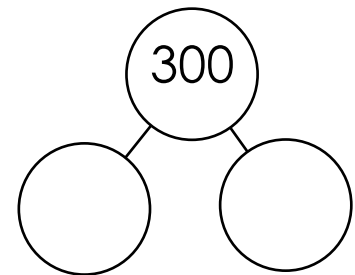
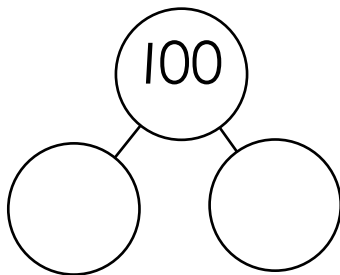
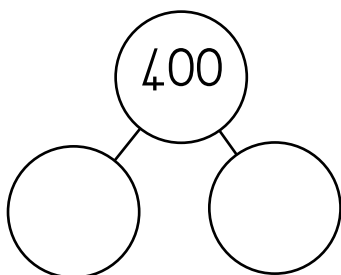
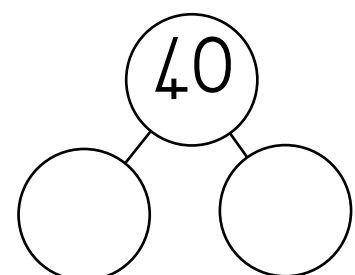
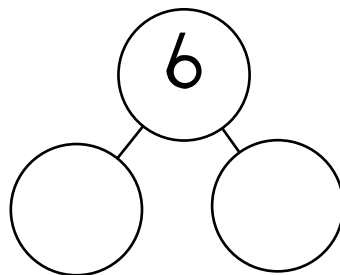
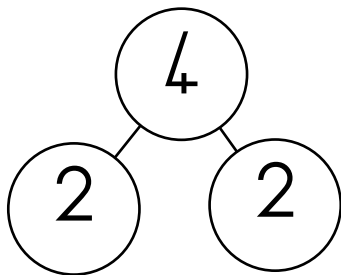


# Halveer

Halveer die volgende getalle.

2 =	10 =	22 =	40 =	24 =
4 =	8 =	20 =	50 =	26 =
16 =	12 =	30 =	14 =	200 =

Halveer die getalle deur die diagramme te voltooi.





# Verdubbel

Verdubbel die volgende getalle.

2 =	10 =	22 =	40 =	24 =
4 =	8 =	20 =	50 =	120 =
150 =	12 =	30 =	14 =	200 =
170 =	60 =	6 =	13 =	15 =

Probleemoplossing met verdubbel en halveer.

Karla wil graag vir haar 'n rok koop. Sy het nog net die helfte van die bedrag gespaar. Hoeveel moet sy nog spaar?

\_\_\_\_\_

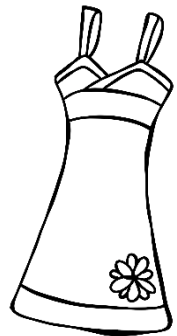
R185



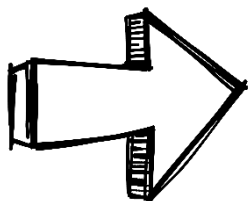
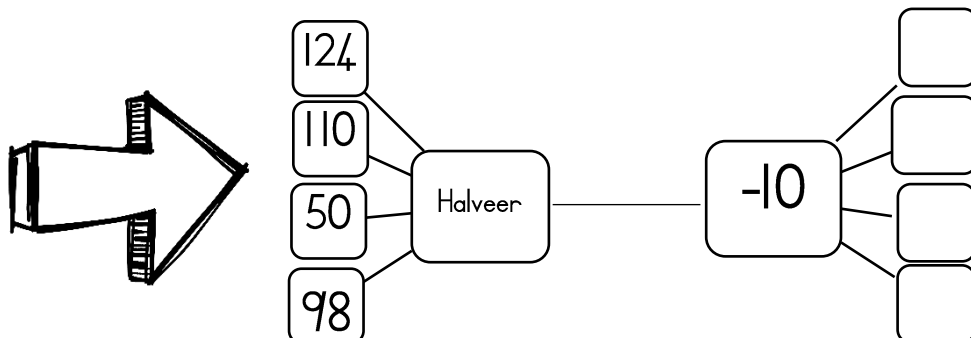
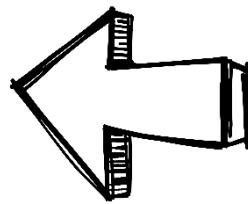
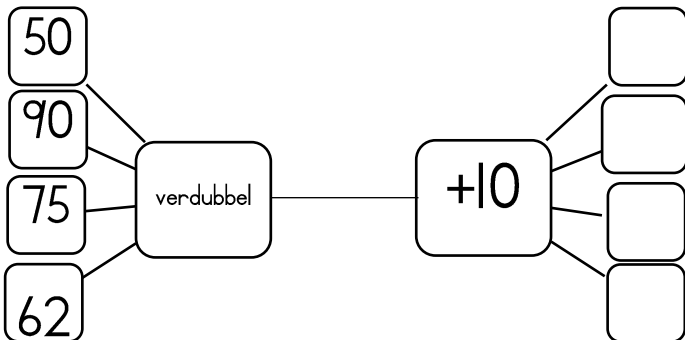
Mia se rok se prys is dubbel die prys van die een. Hoeveel kos Mia se rok?

\_\_\_\_\_

R79


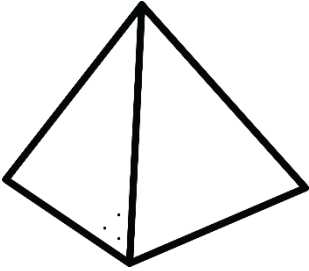
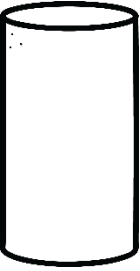
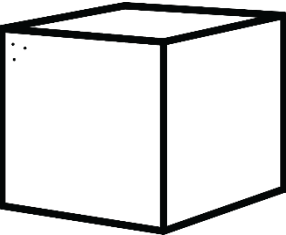
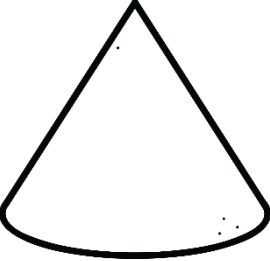
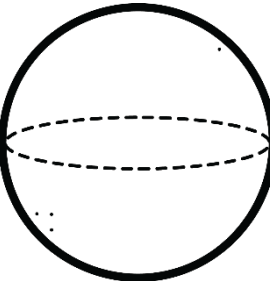


Voltooi die vloeiagramme.



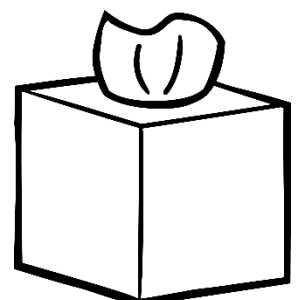
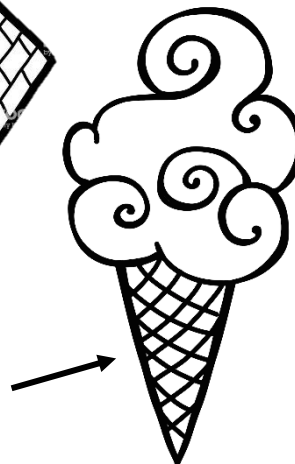
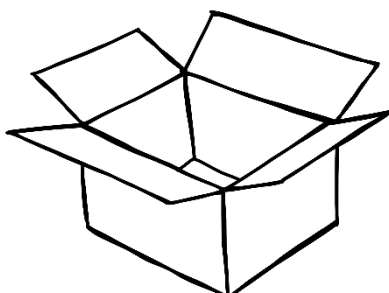
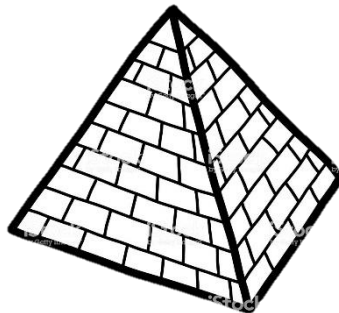
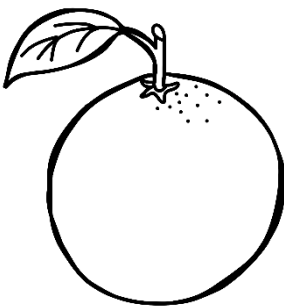
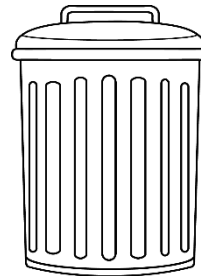
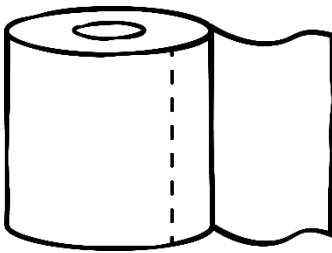
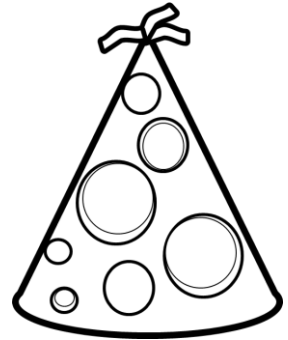
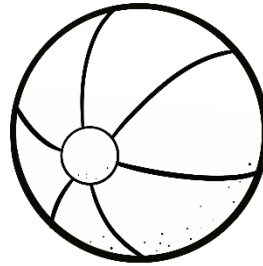
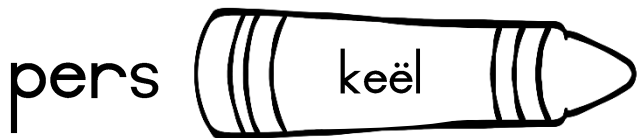
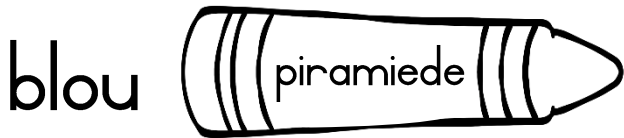
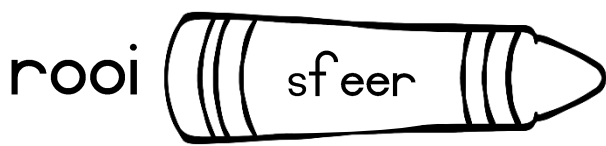
# 3D-voorwerpe

Kleur die regte antwoorde in.

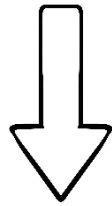
	Naam van 3D-voorwerp	Tipe oppervlak	2D-vorms wat die vlakke van die 3D-voorwerp voorstel
	<input type="checkbox"/> silinder <input type="checkbox"/> kubus (boks) <input type="checkbox"/> sfeer (bal) <input type="checkbox"/> keël <input type="checkbox"/> piramiede	<input type="checkbox"/> plat <input type="checkbox"/> geboë	<input type="checkbox"/> vierkant <input type="checkbox"/> sirkel <input type="checkbox"/> driehoek <input type="checkbox"/> reghoek
	<input type="checkbox"/> silinder <input type="checkbox"/> kubus (boks) <input type="checkbox"/> sfeer (bal) <input type="checkbox"/> keël <input type="checkbox"/> piramiede	<input type="checkbox"/> plat <input type="checkbox"/> geboë	<input type="checkbox"/> vierkant <input type="checkbox"/> sirkel <input type="checkbox"/> driehoek <input type="checkbox"/> reghoek
	<input type="checkbox"/> silinder <input type="checkbox"/> kubus (boks) <input type="checkbox"/> sfeer (bal) <input type="checkbox"/> keël <input type="checkbox"/> piramiede	<input type="checkbox"/> plat <input type="checkbox"/> geboë	<input type="checkbox"/> vierkant <input type="checkbox"/> sirkel <input type="checkbox"/> driehoek <input type="checkbox"/> reghoek
	<input type="checkbox"/> silinder <input type="checkbox"/> kubus (boks) <input type="checkbox"/> sfeer (bal) <input type="checkbox"/> keël <input type="checkbox"/> piramiede	<input type="checkbox"/> plat <input type="checkbox"/> geboë	<input type="checkbox"/> vierkant <input type="checkbox"/> sirkel <input type="checkbox"/> driehoek <input type="checkbox"/> reghoek
	<input type="checkbox"/> silinder <input type="checkbox"/> kubus (boks) <input type="checkbox"/> sfeer (bal) <input type="checkbox"/> keël <input type="checkbox"/> piramiede	<input type="checkbox"/> plat <input type="checkbox"/> geboë	<input type="checkbox"/> vierkant <input type="checkbox"/> sirkel <input type="checkbox"/> driehoek <input type="checkbox"/> reghoek

# 3D-voorwerpe

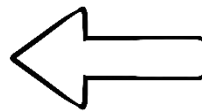
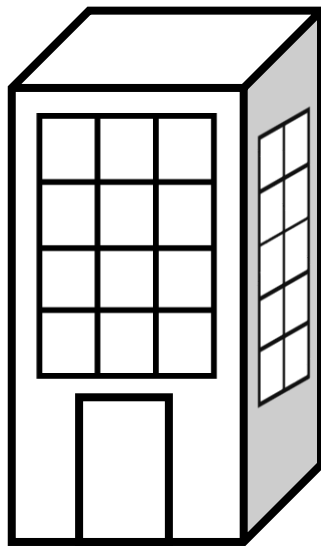
Kleur die 3D-voorwerpe op die volgende maniere in.



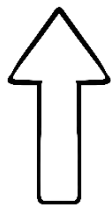
Aansigte



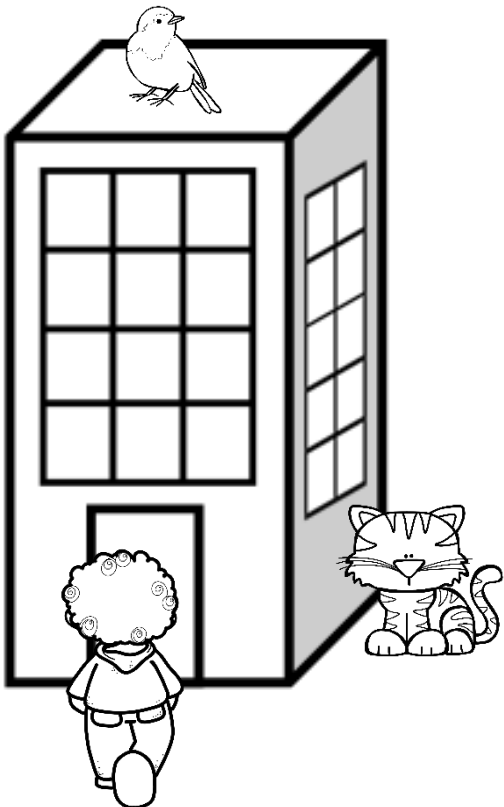
bokant



sykant



voorkant



Beantwoord die vrae deur een van die volgende aansigte in te vul:

voorkant, bokant, sykant

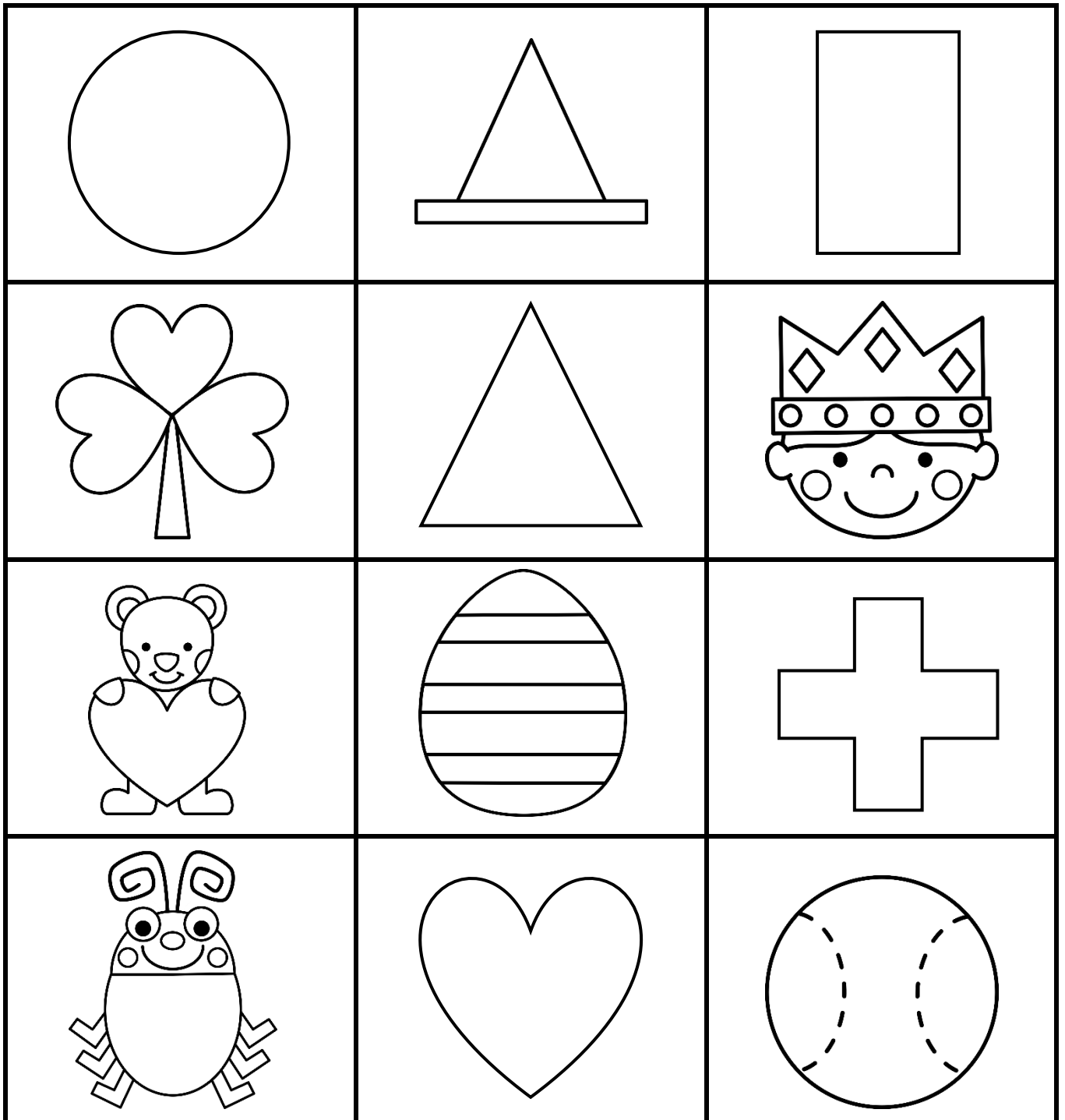
1. Waar is die voël? \_\_\_\_\_
2. Waar staan die seun? \_\_\_\_\_
3. Waar sit die kat? \_\_\_\_\_

# Simmetrie

'n Simmetrielyn verdeel 'n vorm in twee halwes sodat elke halwe 'n speelbeeld van die ander is.

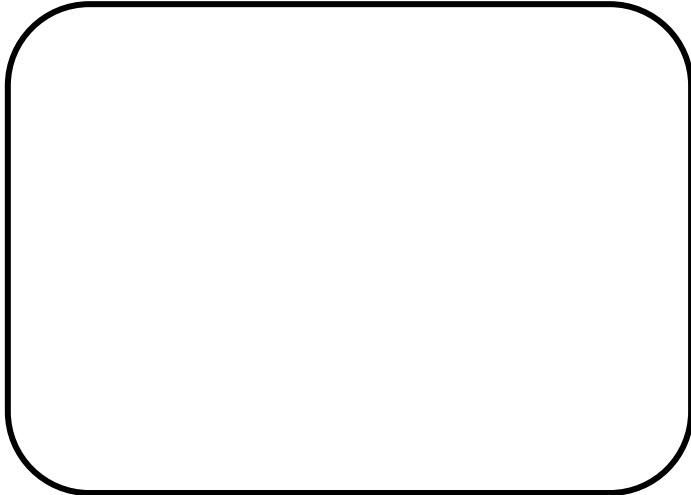
'n Vorm is simmetries indien jy dit met die simmetrielyn langs kan vou en die twee helftes presies dieselfde is.

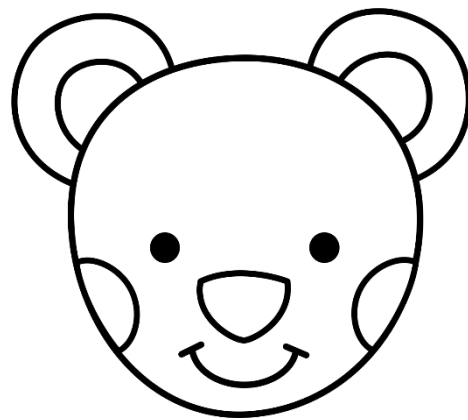
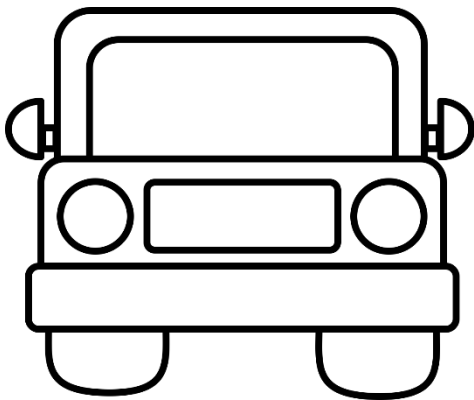
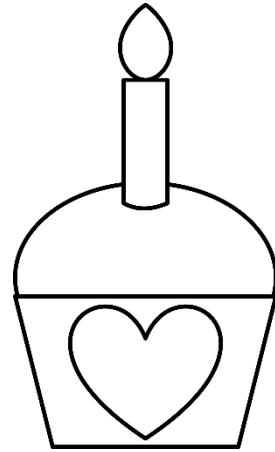
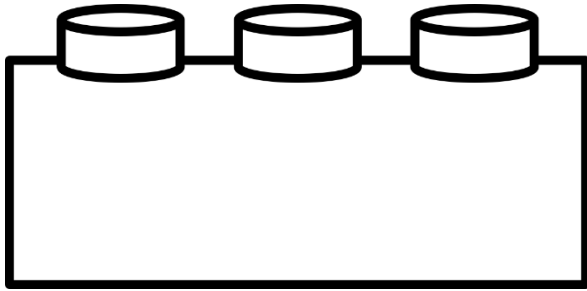
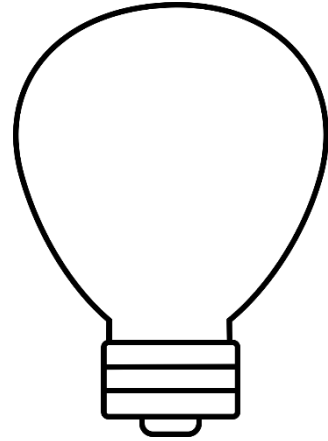
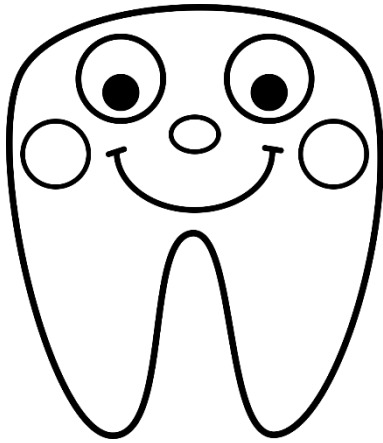
Teken 'n simmetrielyn vir die volgende vorms en prente.



# Simmetrie

- Knip die prente op die volgende bladsy uit.
- Vou dan die prent presies in die helfte sodat albei kante dieselfde lyk.
- Trek 'n stippellyn met 'n kleurpotlood en liniaal op die lyn waar die prent gevou is.
- Plak dan die prente in die blokke hieronder.





# Meetkundige patrone

Brei die patrone uit en beskryf die patroon in woorde.



Beskryf die patroon.

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Beskryf die patroon.

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Beskryf die patroon.

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Beskryf die patroon.

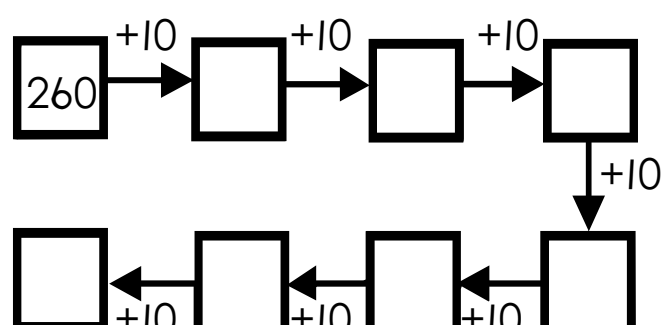
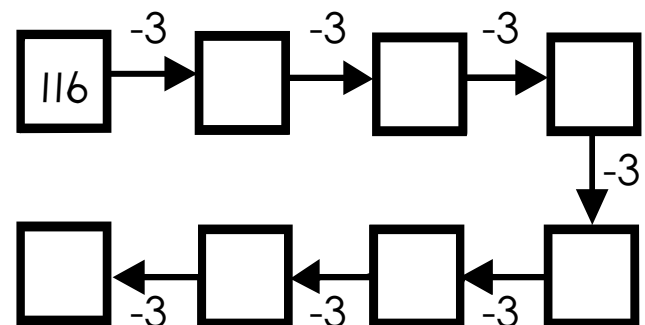
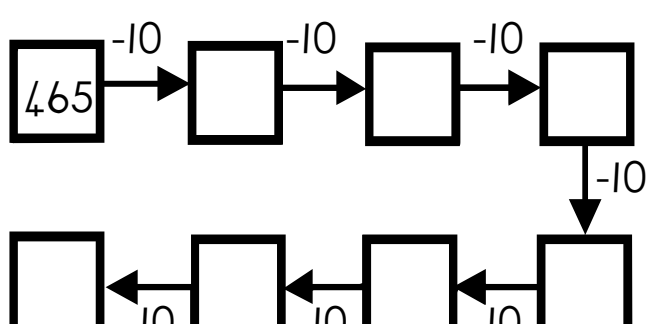
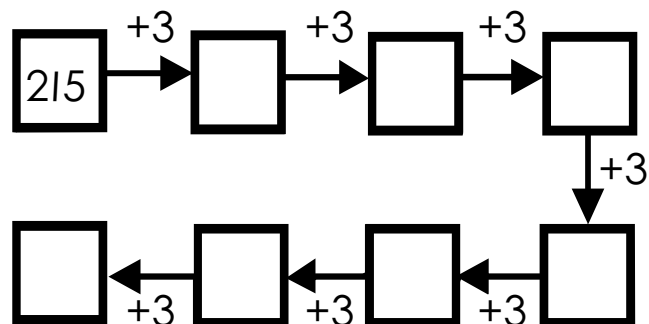
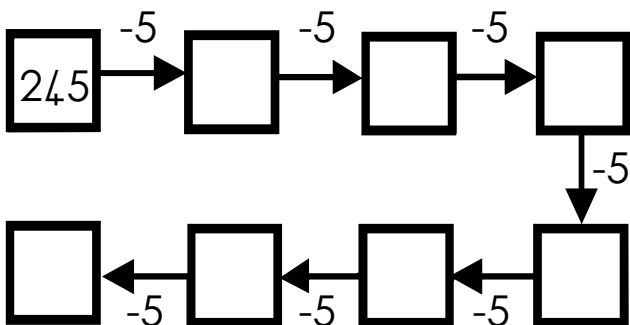
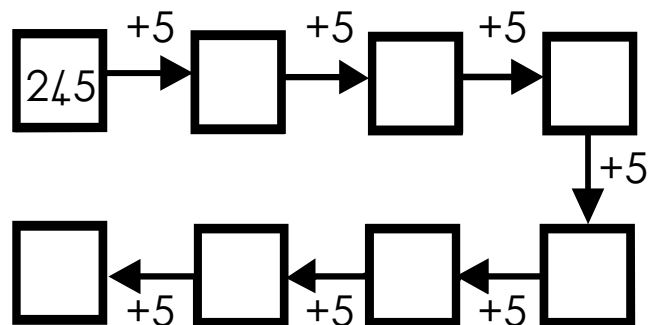
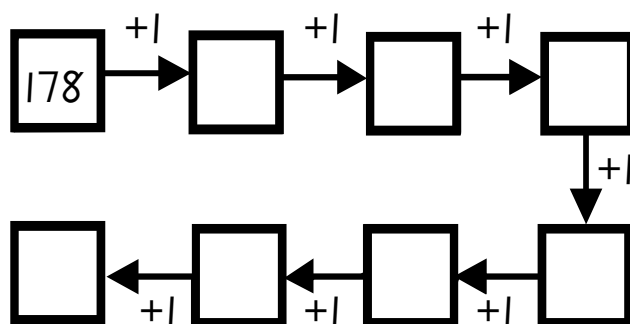
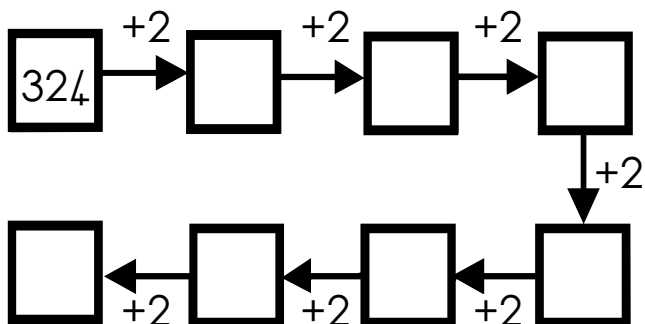
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# Getalpatrone

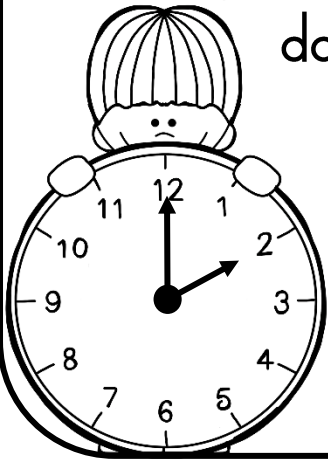
Voltooi die volgende patrone.



# ← Tyd →

ure

Wanneer die lang  
wyser op die 12 is,  
dan is dit ure.



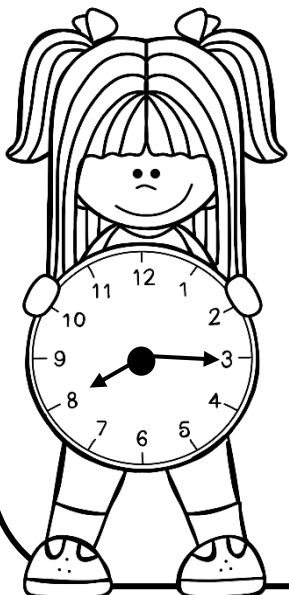
halfure

Wanneer die  
lang wyser  
op die 6 is,  
dan is dit  
halfure.



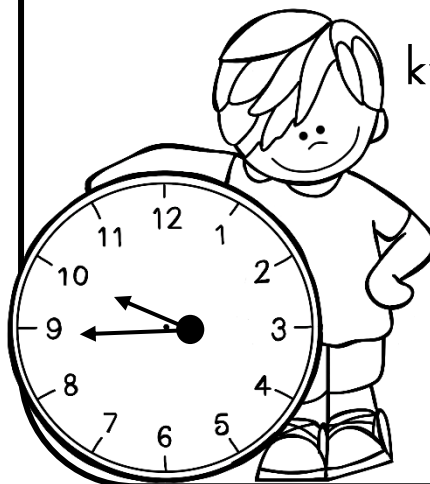
kwart oor

Wanneer die  
lang wyser  
op die 3 is,  
dan is dit  
kwart oor.



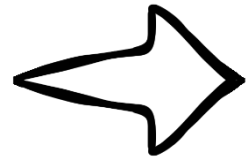
kwart voor

Wanneer die  
lang wyser  
op die 9 is,  
dan is dit  
kwart voor.

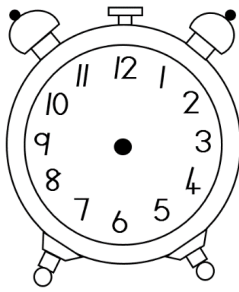
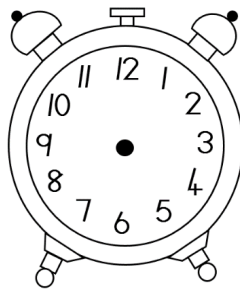
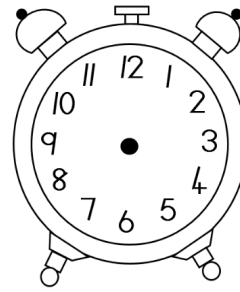
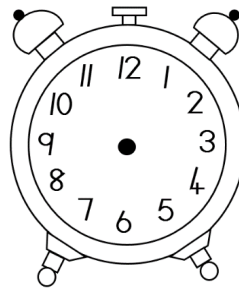
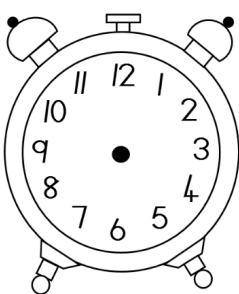
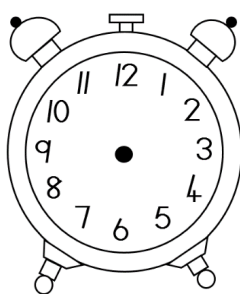
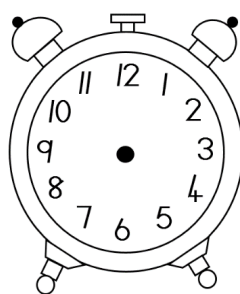
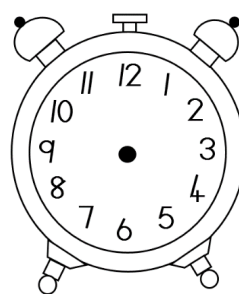
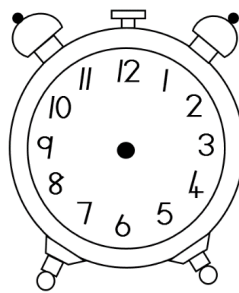
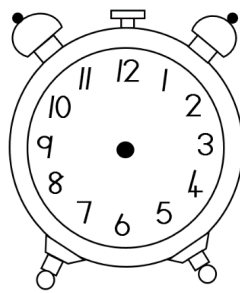
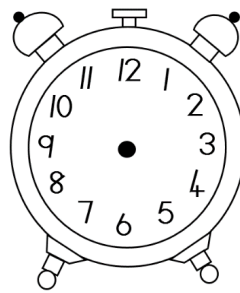
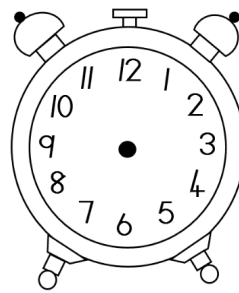
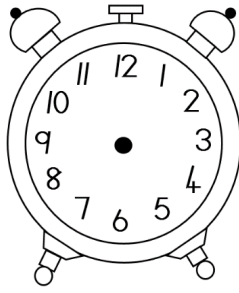
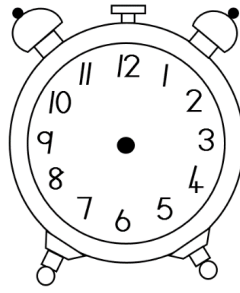
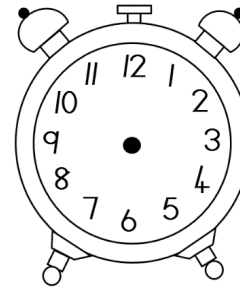
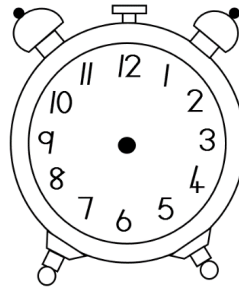


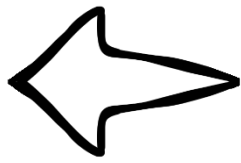


# Analoog

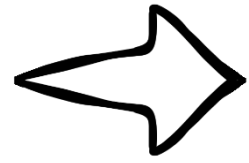


Teken die wysers vir elke horlosie.

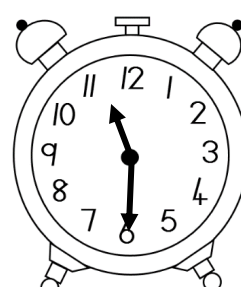
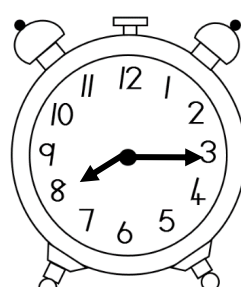
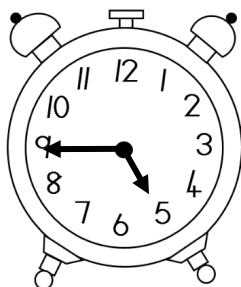
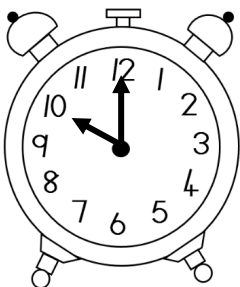
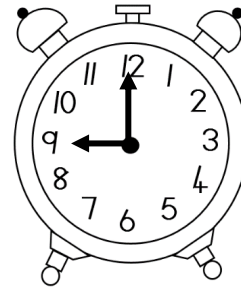
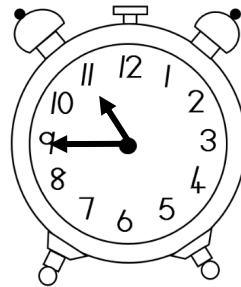
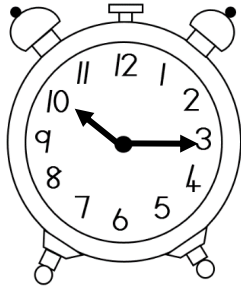
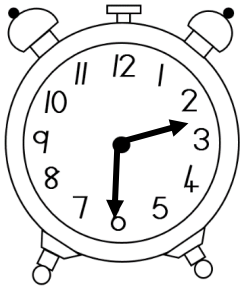
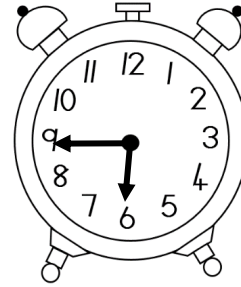
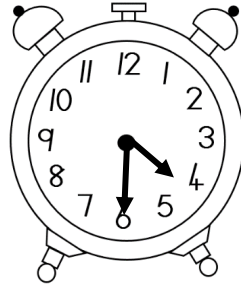
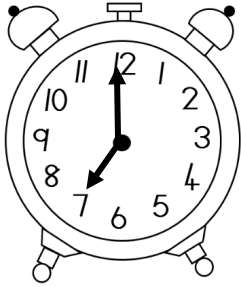
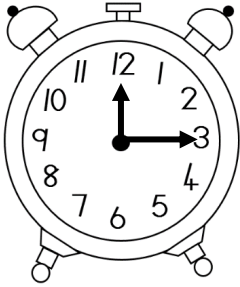
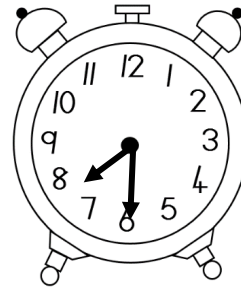
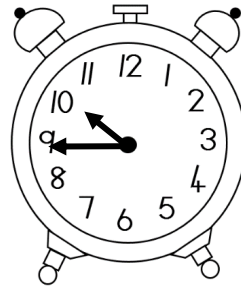
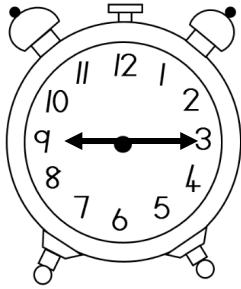
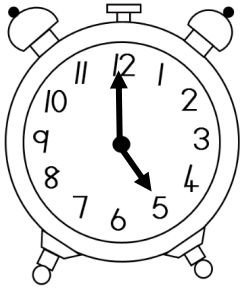
			
half twee	drie uur	kwart oor twee	kwart voor nege
			
ses uur	half vier	vier uur	kwart oor vyf
			
half sewe	kwart voor drie	half elf	kwart oor sewe
			
kwart voor vier	Half agt	kwart oor twaalf	agt uur



# Analoog



Skryf die tyd neer vir elke horlosie.




uur

1 uur = 60 minute

:60

:05

:55

:50

:10

kwart  
voor

:45

kwart  
oor

:15

kwartier =  
15 minute

:40

:20

Die tyd op die horlosie in digitale tyd is:

3:15 vm. (voor middag)

15:15 nm. (na middag)

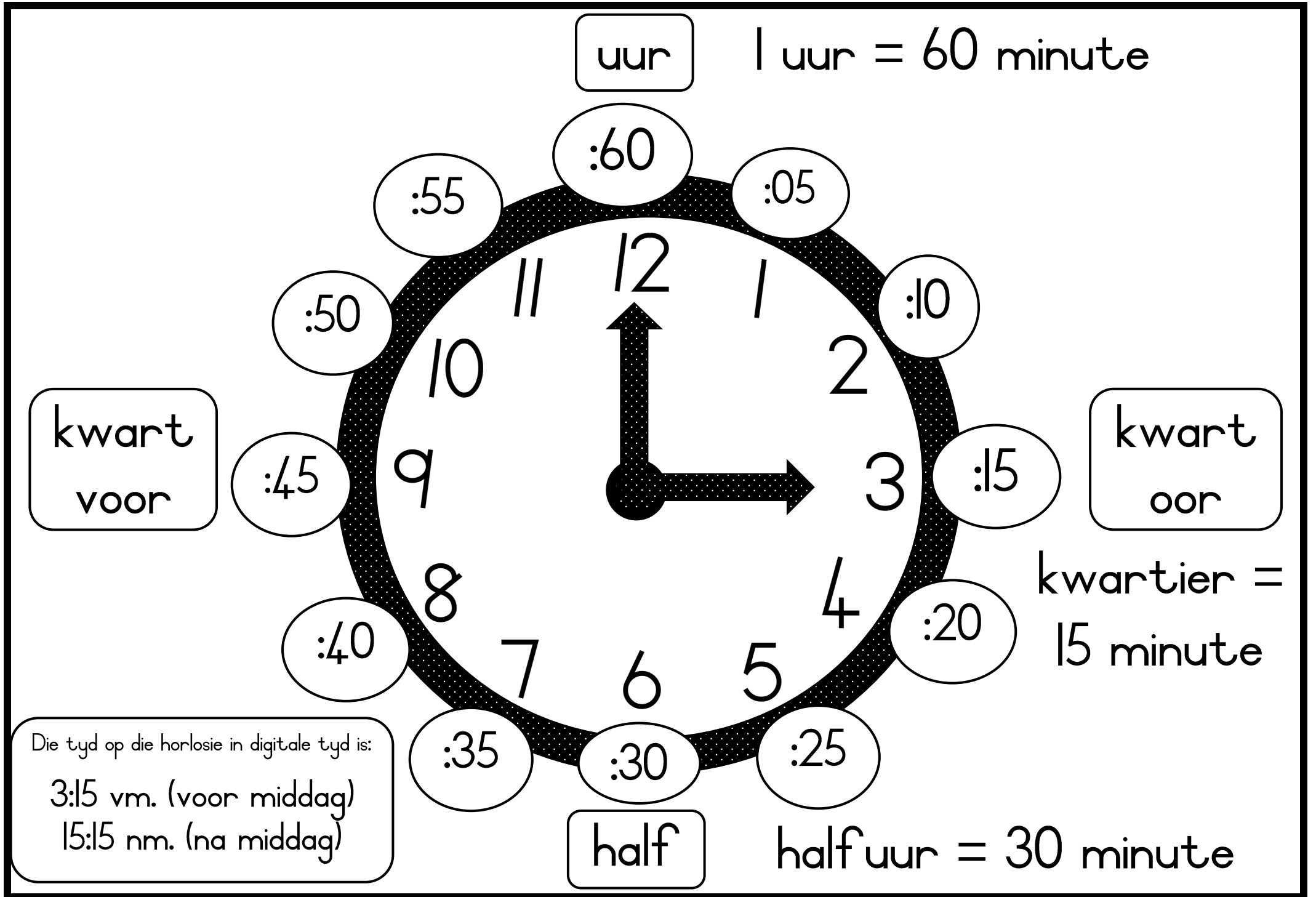
:35

:30

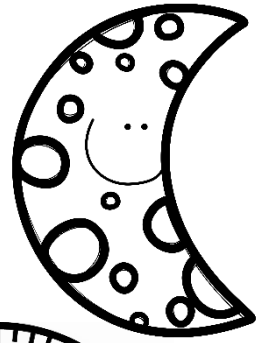
:25

half

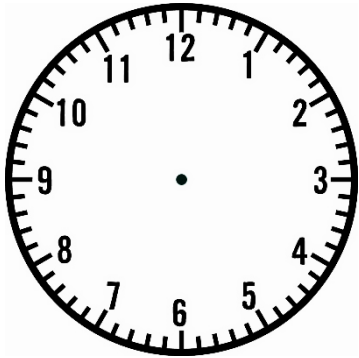
halfuur = 30 minute



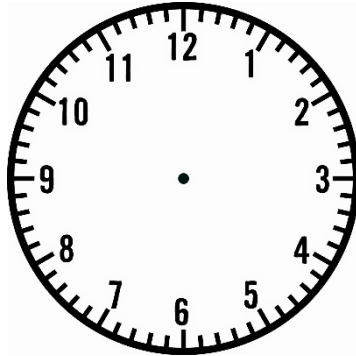
# Digitale tyd - na middag



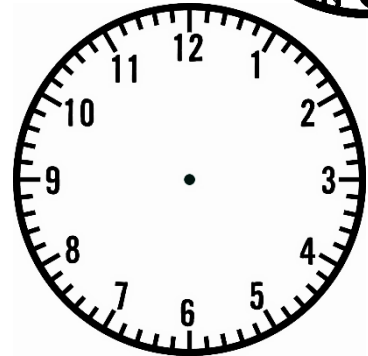
Teken die hande vir elke horlosie in nm.



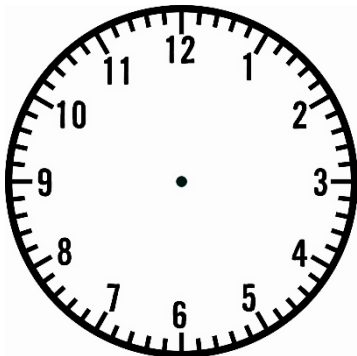
14:30



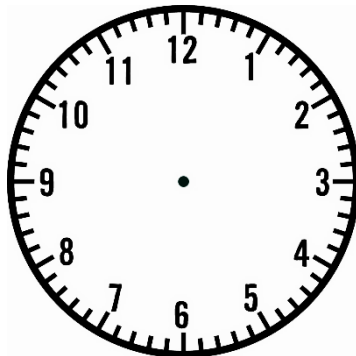
17:45



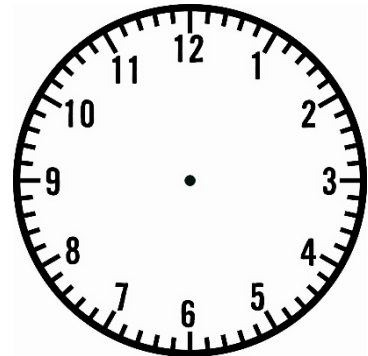
13:00



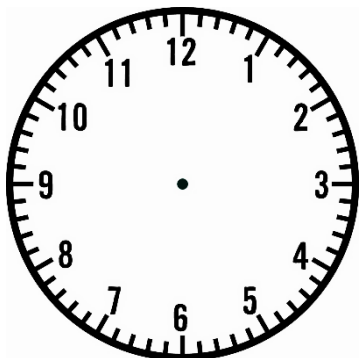
20:15



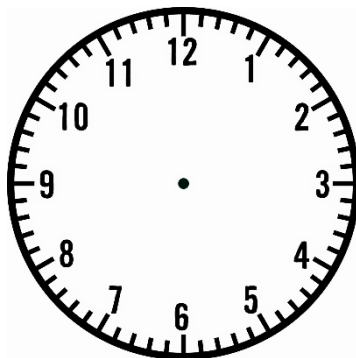
16:45



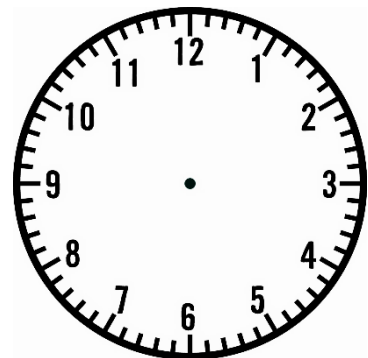
15:00



17:15

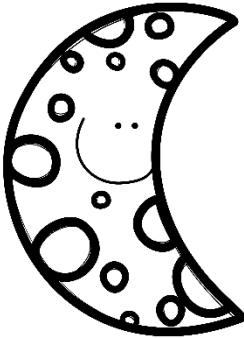


22:30



18:45

# Digitale tyd - na middag



Skryf die tyd neer vir elke horlosie in nm.

9:45

11:00

7:30

2:15

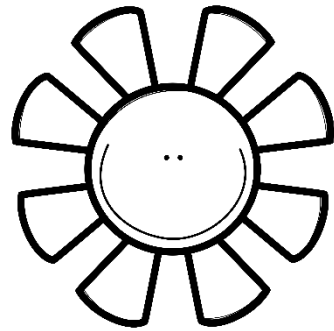
10:30

2:15

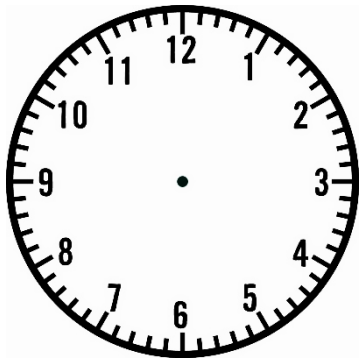
9:30

12:00

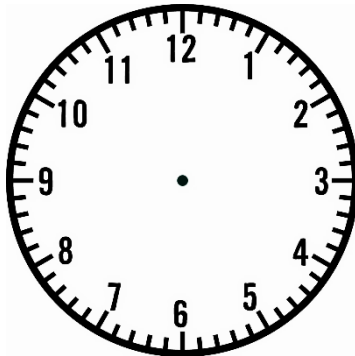
# Digitale tyd - voor middag



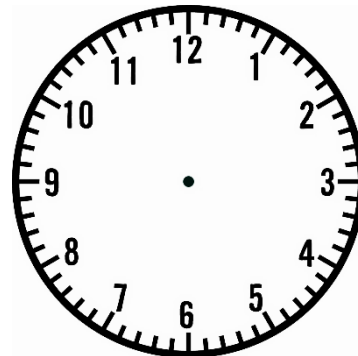
Teken die hande vir elke horlosie in vm.



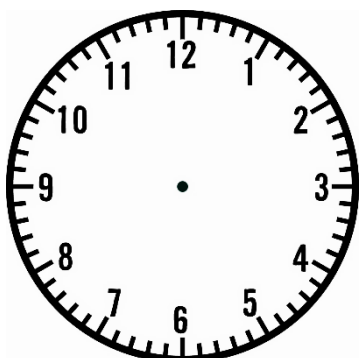
2:30



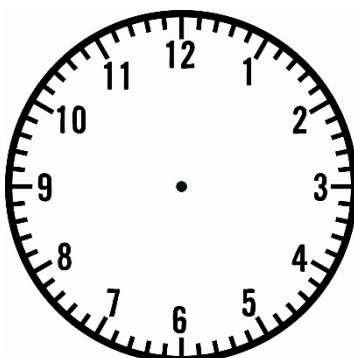
5:45



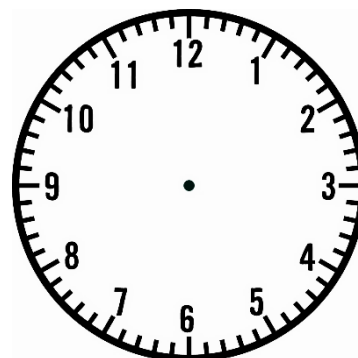
1:00



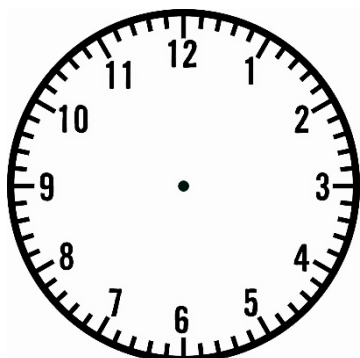
8:15



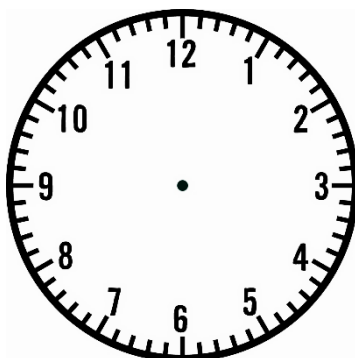
4:45



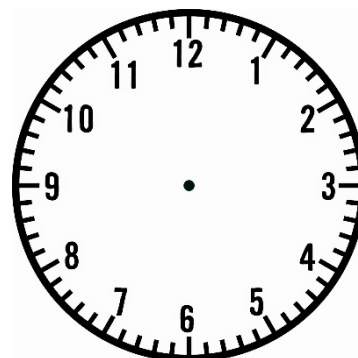
3:00



11:15



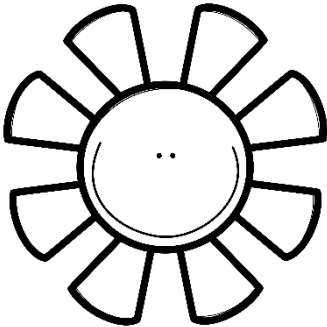
10:30



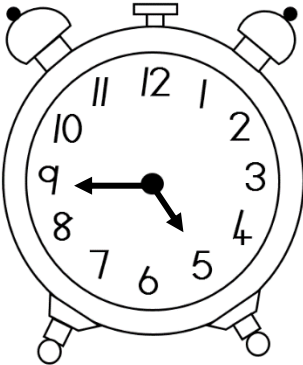
6:45



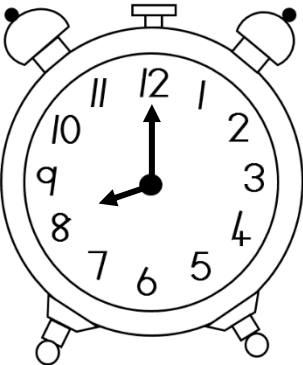
# Digitale tyd - voor middag



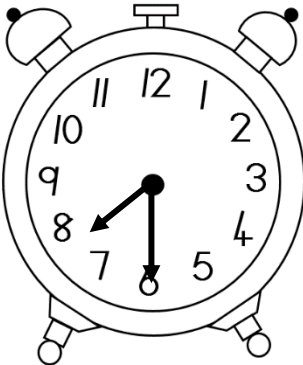
Skryf die tyd neer vir elke horlosie in vm.



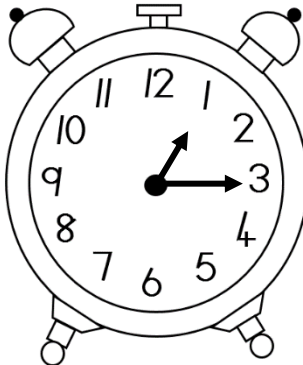
A round analog clock with two bells on top. The hour hand is between 9 and 10, and the minute hand is pointing at 4. Below the clock is a rectangular box with a colon inside, intended for writing the digital time.



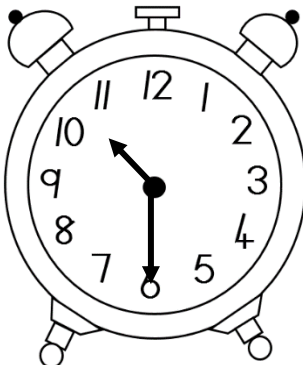
A round analog clock with two bells on top. The hour hand is pointing at 9 and the minute hand is pointing at 12. Below the clock is a rectangular box with a colon inside, intended for writing the digital time.



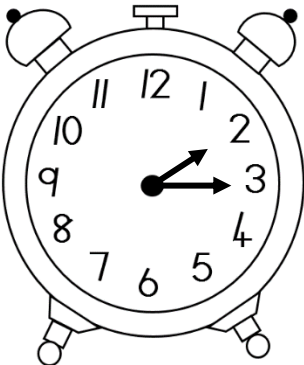
A round analog clock with two bells on top. The hour hand is between 7 and 8, and the minute hand is pointing at 6. Below the clock is a rectangular box with a colon inside, intended for writing the digital time.



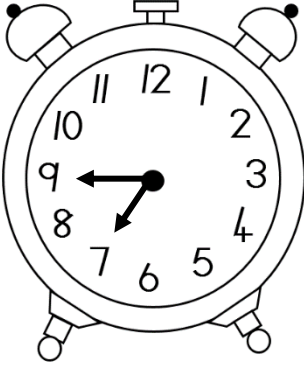
A round analog clock with two bells on top. The hour hand is between 2 and 3, and the minute hand is pointing at 3. Below the clock is a rectangular box with a colon inside, intended for writing the digital time.



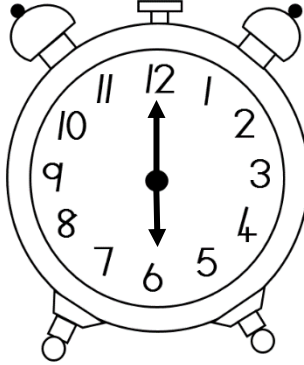
A round analog clock with two bells on top. The hour hand is between 10 and 11, and the minute hand is pointing at 6. Below the clock is a rectangular box with a colon inside, intended for writing the digital time.



A round analog clock with two bells on top. The hour hand is between 2 and 3, and the minute hand is pointing at 3. Below the clock is a rectangular box with a colon inside, intended for writing the digital time.



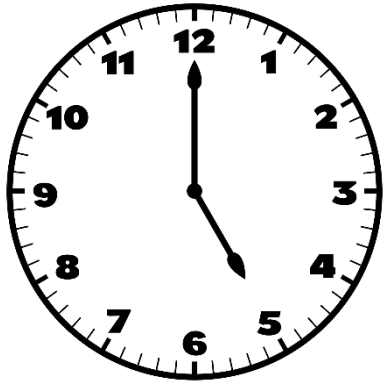
A round analog clock with two bells on top. The hour hand is between 9 and 10, and the minute hand is pointing at 6. Below the clock is a rectangular box with a colon inside, intended for writing the digital time.



A round analog clock with two bells on top. The hour hand is pointing at 6 and the minute hand is pointing at 12. Below the clock is a rectangular box with a colon inside, intended for writing the digital time.

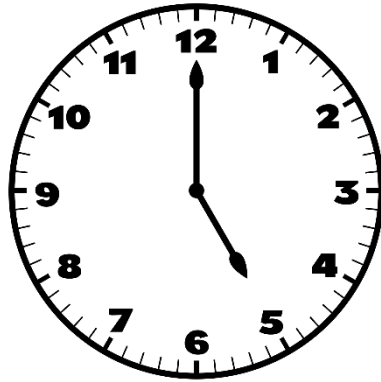
# Tydsverloop

Gebruik die horlosies om die tydsverloop aan te dui. Dui die nuwe tyd aan deur die wysers met kleurpotlood te teken.



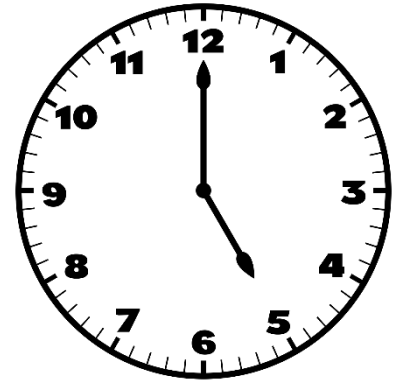
Wat sal die tyd wees oor 'n kwartier?

---



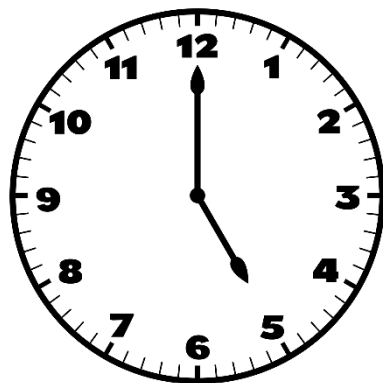
Wat sal die tyd wees oor 'n halfuur?

---



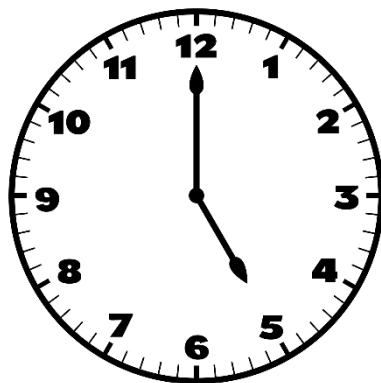
Wat sal die tyd wees oor 'n uur?

---



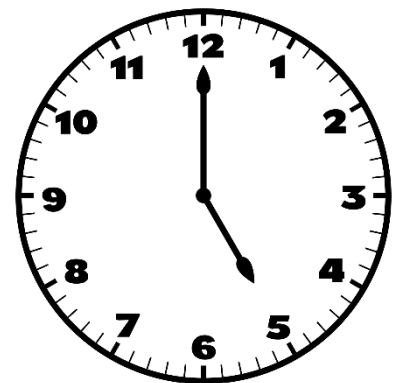
Wat sal die tyd wees oor 2 ure?

---



Wat sal die tyd wees oor 4 ure?

---



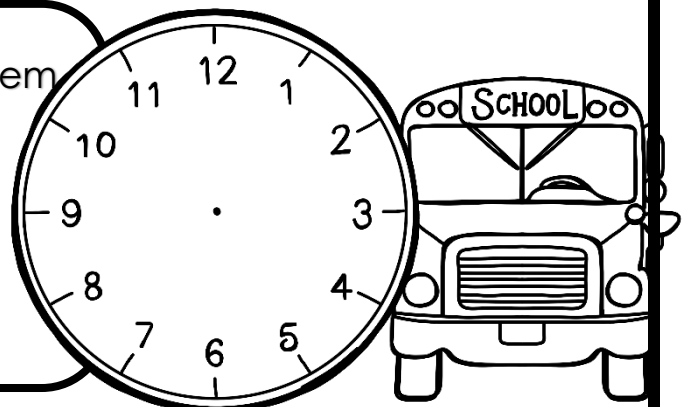
Wat sal die tyd wees oor 6 ure?

---

Jana het 14:15 op die bus geklim. Dit neem haar 45 minute om by die huis te kom.

Watter tyd sal Jana by die huis wees?

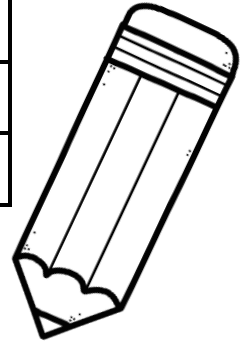
Teken die tyd op die horlosie.



# Kalender

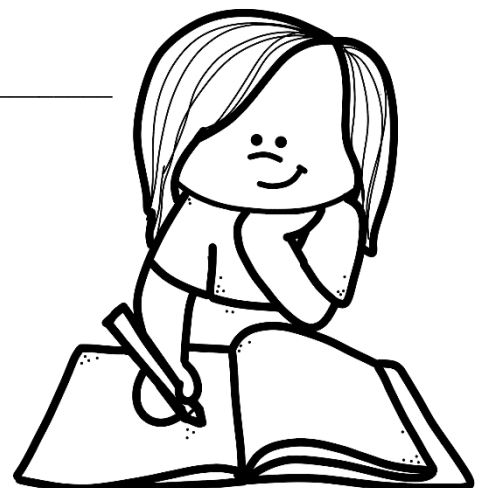
Mei 2020						
So	Ma	Di	Wo	Do	Vr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

Junie 2020						
So	Ma	Di	Wo	Do	Vr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				



Beantwoord die vrae oor die 2 kalenders hierbo.

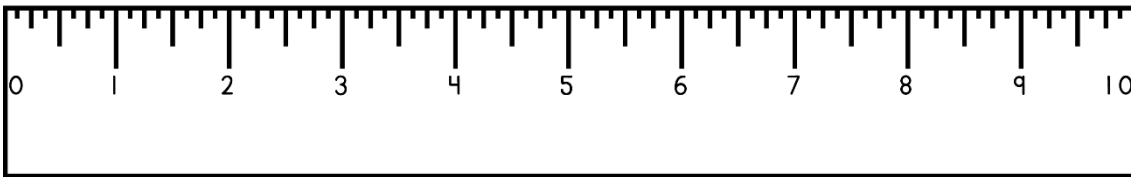
- Omkring 30 Junie 2020 op die kalender.
- A. 1 Mei is werkers dag. Kleur die dag op die kalender in.  
B. Op watter dag is dit? \_\_\_\_\_
- A. 21 Junie is vadersdag. Kleur die dag op die kalender in.  
B. Op watter dag is dit? \_\_\_\_\_
- Mia ver jaar op 12 Mei. Liam ver jaar op 20 Mei.
  - Kleur hulle ver jaarsdae op die kalender in.
  - Wie is die oudste? \_\_\_\_\_
  - Hoeveel dae na Mia ver jaar Liam? \_\_\_\_\_
- Watter maand kom voor Mei? \_\_\_\_\_
- Watter maand kom na Junie? \_\_\_\_\_
- Watter maand is tussen Oktober en Desember? \_\_\_\_\_
- Hoeveel dae is daar in 'n week? \_\_\_\_\_
- Hoeveel dae is in 2 weke? \_\_\_\_\_
- Hoeveel maande is in 'n jaar? \_\_\_\_\_
- Hoeveel maande is daar in 2 jaar? \_\_\_\_\_
- Hoeveel ure is daar in 'n dag?
- Hoeveel ure is daar in 2 dae?





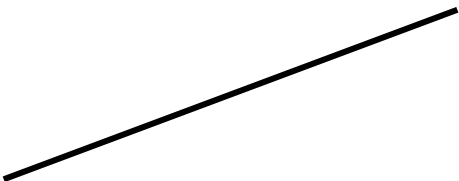
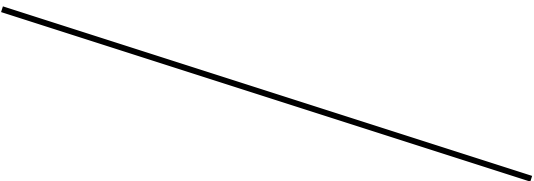


# Meting in sentimeters

Die getalle op die linaal dui sentimeters aan, met die afkorting of simbool cm.

- Wanneer jy 'n linaal gebruik, begin jy by 0 meet. Party linaale wys nie die 0 nie.



Meet die volgende lyne in sentimeter.

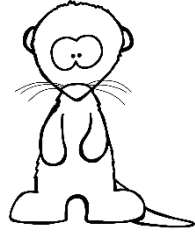
 <input data-bbox="600 1220 785 1339" type="text"/>	 <input data-bbox="1289 1220 1474 1339" type="text"/>
 <input data-bbox="600 1624 785 1742" type="text"/>	 <input data-bbox="1295 1624 1481 1742" type="text"/>
 <input data-bbox="600 2004 785 2123" type="text"/>	 <input data-bbox="1283 2004 1468 2123" type="text"/>

# Massa

Kyk na die massas van die volgende diere.



8kg



1kg



11kg



75kg



48kg










1. Skryf die massas in stygende volgorde. (ligste tot swaarste).

\_\_\_\_\_

2. Skryf die massas in dalende volgorde. (swaarste tot ligste).

\_\_\_\_\_

3. Voltooi die tabel deur die massas van die diere te gebruik.

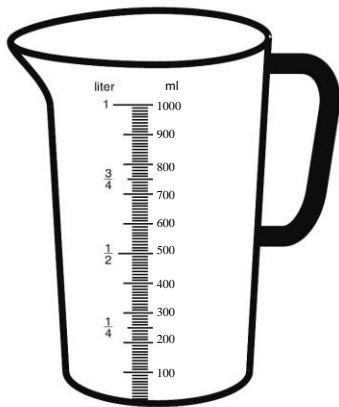
	Die totaal van die diere se massas	Die verskil van die diere se massas.
 + 		
 + 		
 +  + 		
 + 		

# Kapasiteit/Volume

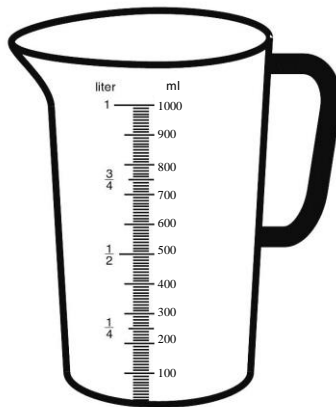
In watter maateenheid meet ons kapasiteit/volume?

+

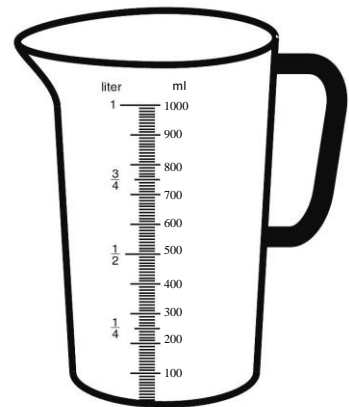
Kleur die aangeduide vloeistof op die maatbekers in.



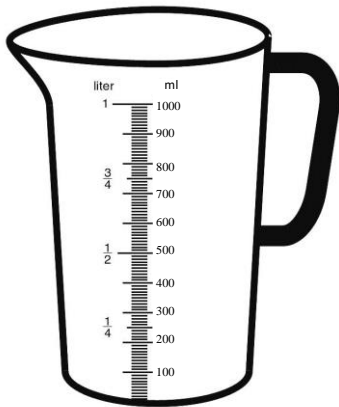
250ml



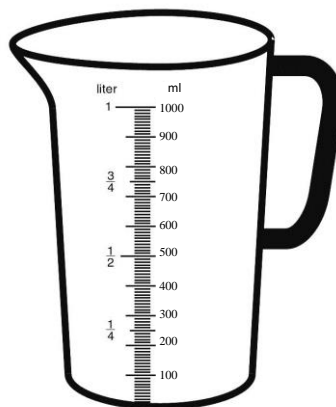
330ml



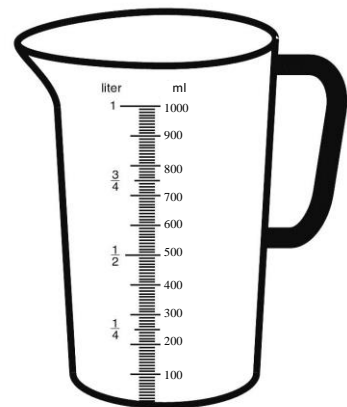
1 liter



$\frac{1}{2}$  liter



440ml



200ml

1. Rangskik die vloeistowwe van die meeste tot die minste.

\_\_\_\_\_

2. Rangskik die vloeistowwe van die minste tot die meeste.

\_\_\_\_\_

# Datahantering

Bestudeer die staafgrafiek en beantwoord die vrae.

Die leerders bring klomp verskillende houers na die skool. Hulle tel dan hoeveel is daar van die verskillende volume houers. Juffrou dui dit dan op 'n staafgrafiek aan.

		Volume van houers				
Aantal houers	20					
	18					
	16					
	14					
	12					
	10					
	8					
	6					
	4					
	2					
			250 milliliter	500 milliliter	750 milliliter	1 liter

- Wat is die opskrif van die staafgrafiek? \_\_\_\_\_
- Hoeveel leerders het 250 milliliter houers gebring? \_\_\_\_\_
- Hoeveel leerders het 2 liter houers gebring? \_\_\_\_\_
- Van watter volume houer was daar die meeste? \_\_\_\_\_
- Van watter volume houer was daar die minste? \_\_\_\_\_
- Van watter volume houers was daar ewe veel? \_\_\_\_\_
- Hoeveel meer 1 liter houers was daar as 750 milliliter houers?  
\_\_\_\_\_
- Hoeveel milliliter kan 'n koppie bevat? \_\_\_\_\_
- Hoeveel milliliter kan 'n teelepel bevat? \_\_\_\_\_

