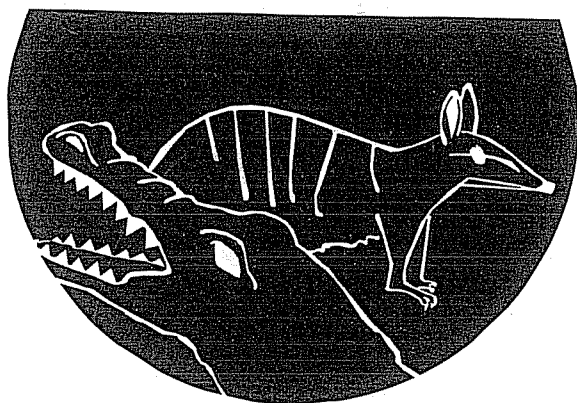


leerling:  
groep:

# maatwerk geel



onderdeel 1

## Het bos

blok 5

## numbat

eenvoudige procentberekeningen met behulp

werkbleden

computerprogramma

1 Het bos

5 eenvoud: 48 t/m 58

numbat

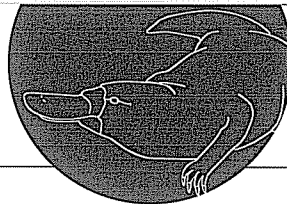
1.5a: percentages uitrekenen

1 Het bos

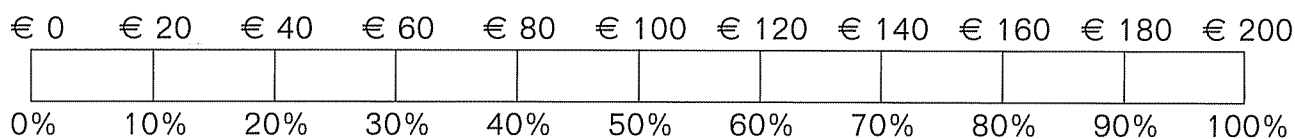
van stroken en breuken krokodil

1.5b: procentabel invullen

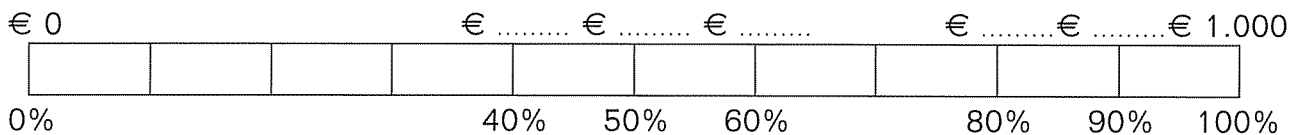
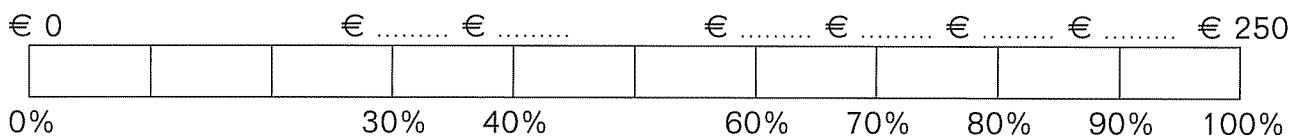
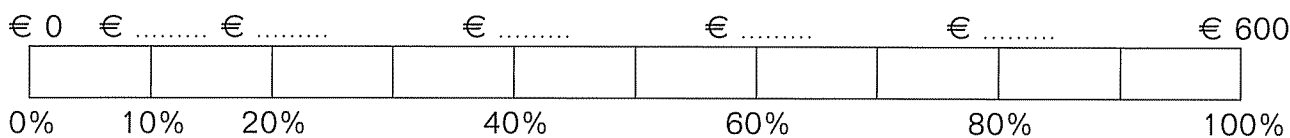
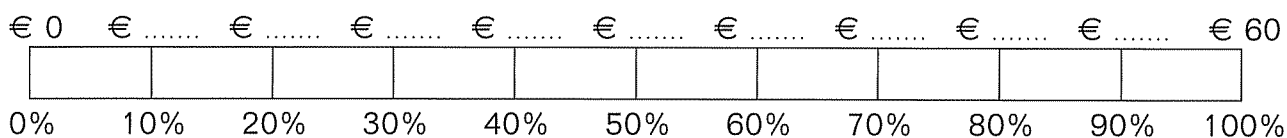
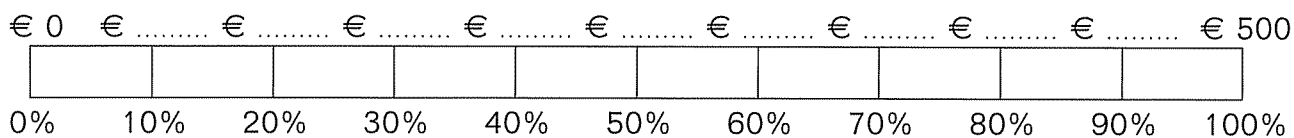
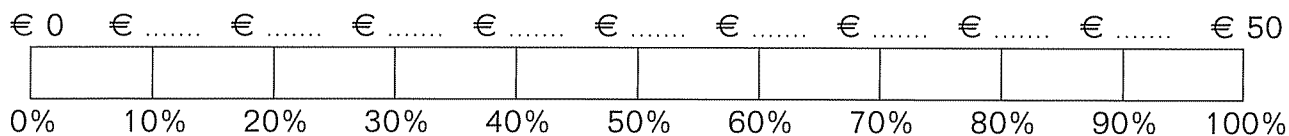


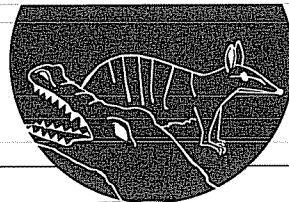
**1 Reken uit.**

|                                  |                                  |                                  |                                  |
|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| $5 \times 7 = \dots\dots\dots$   | $7 \times 4 = \dots\dots\dots$   | $4 \times 9 = \dots\dots\dots$   | $4 \times 3 = \dots\dots\dots$   |
| $50 \times 70 = \dots\dots\dots$ | $70 \times 40 = \dots\dots\dots$ | $40 \times 90 = \dots\dots\dots$ | $40 \times 30 = \dots\dots\dots$ |
| $700 \times 5 = \dots\dots\dots$ | $700 \times 4 = \dots\dots\dots$ | $900 \times 4 = \dots\dots\dots$ | $300 \times 4 = \dots\dots\dots$ |
| $3 \times 8 = \dots\dots\dots$   | $4 \times 8 = \dots\dots\dots$   | $9 \times 6 = \dots\dots\dots$   | $9 \times 8 = \dots\dots\dots$   |
| $30 \times 80 = \dots\dots\dots$ | $40 \times 80 = \dots\dots\dots$ | $90 \times 60 = \dots\dots\dots$ | $9 \times 800 = \dots\dots\dots$ |
| $800 \times 3 = \dots\dots\dots$ | $800 \times 4 = \dots\dots\dots$ | $900 \times 6 = \dots\dots\dots$ | $80 \times 90 = \dots\dots\dots$ |

**2 Hoeveel euro?**

Nu zelf:





## 1 Hoeveel meter is het?

Hoeveel van 36 meter?

$\frac{1}{6}$  deel is ..... m.

$\frac{2}{6}$  deel is ..... m.

$\frac{3}{6}$  deel is ..... m.

$\frac{4}{6}$  deel is ..... m.

Hoeveel van 40 meter?

$\frac{1}{5}$  deel is ..... m.

$\frac{2}{5}$  deel is ..... m.

$\frac{3}{5}$  deel is ..... m.

$\frac{4}{5}$  deel is ..... m.

Hoeveel van 90 meter?

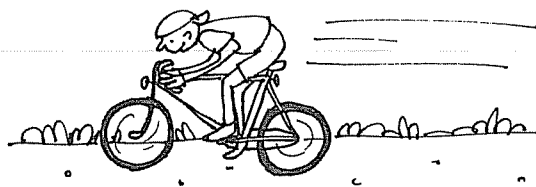
$\frac{1}{10}$  deel is ..... m.

$\frac{4}{10}$  deel is ..... m.

$\frac{3}{10}$  deel is ..... m.

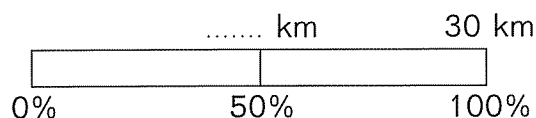
$\frac{7}{10}$  deel is ..... m.

## 2 Hoeveel kilometer hebben ze al gefietst?



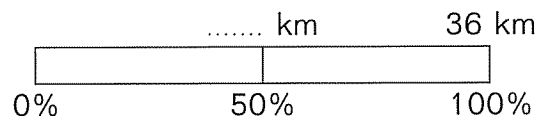
Joeri wil een afstand van 30 km fietsen.

Hij heeft al 50% gefietst. Dat is ..... km.



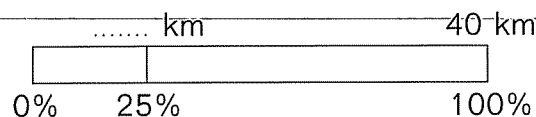
Holly: afstand van 36 km.

Al gefietst: 50%. Dat is ..... km.



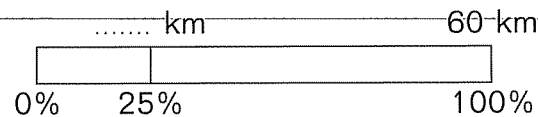
Britt: afstand van 40 km.

Al gefietst: 25%. Dat is ..... km.



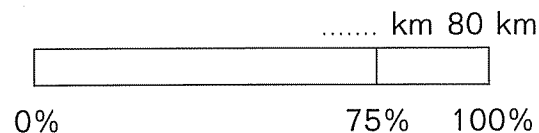
Nick: afstand van 60 km.

Al gefietst: 25%. Dat is ..... km.



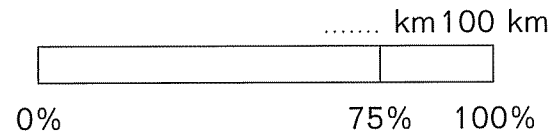
Demi: afstand van 80 km.

Al gefietst: 75%. Dat is ..... km.



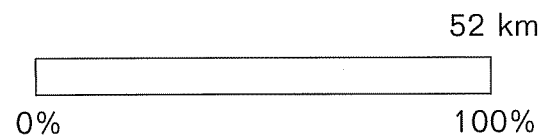
Tim: afstand van 100 km.

Al gefietst: 75%. Dat is ..... km.



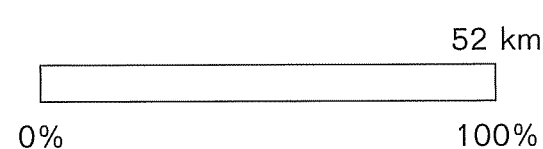
Mustafa: afstand van 52 km.

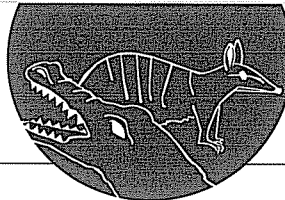
Al gefietst: 25%. Dat is ..... km.



Tara: afstand van 52 km.

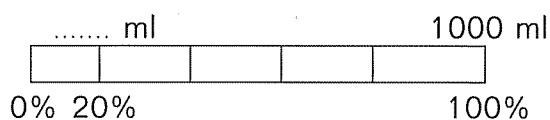
Al gefietst: 75%. Dat is ..... km.



**1 Hoeveel centimeter is het?** $\frac{1}{5}$  deel van 100 cm is ..... cm. $\frac{2}{5}$  deel van 100 cm is ..... cm. $\frac{3}{5}$  deel van 100 cm is ..... cm. $\frac{1}{2}$  deel van 1000 cm is ..... cm. $\frac{1}{4}$  deel van 1000 cm is ..... cm. $\frac{3}{4}$  deel van 1000 cm is ..... cm.**2 Hoeveel milliliter appelsap zit erin?**

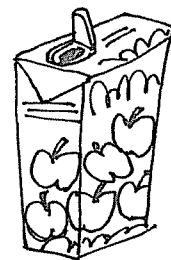
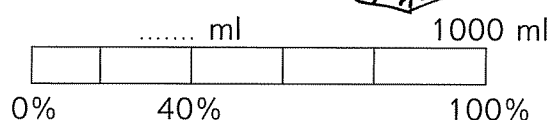
Inhoud: 1000 ml

20% appelsap



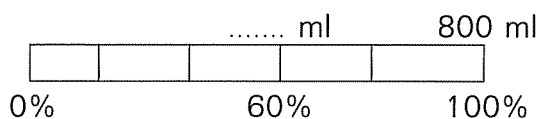
Inhoud: 1000 ml

40% appelsap



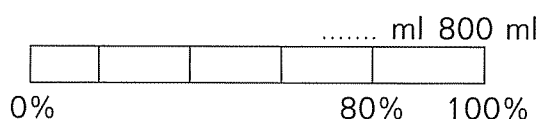
Inhoud: 800 ml

60% appelsap



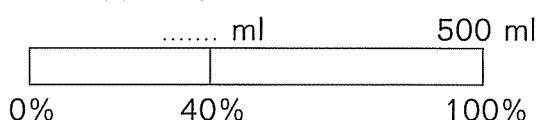
Inhoud: 800 ml

80% appelsap



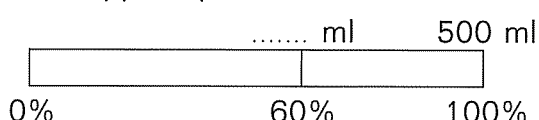
Inhoud: 500 ml

40% appelsap



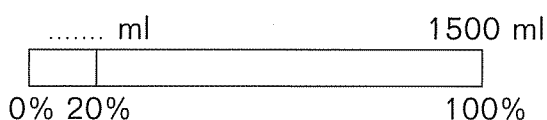
Inhoud: 500 ml

60% appelsap



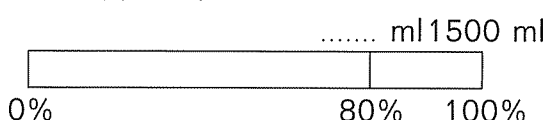
Inhoud: 1500 ml

20% appelsap



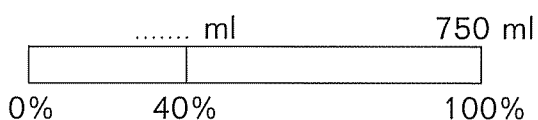
Inhoud: 1500 ml

80% appelsap



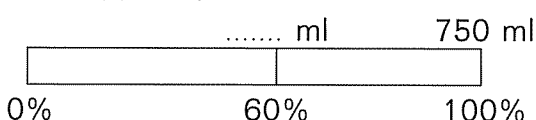
Inhoud: 750 ml

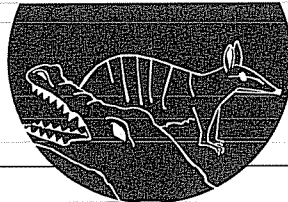
40% appelsap



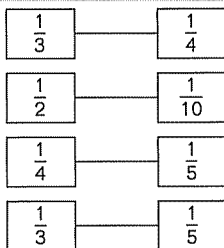
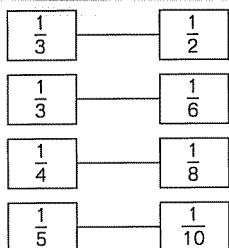
Inhoud: 750 ml

60% appelsap





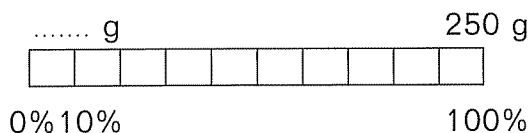
1 Kleur steeds de grootste breuk.



2 Hoeveel gram vruchten zit er in de jam?

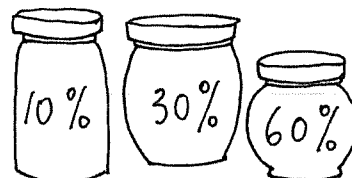
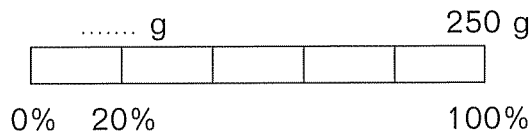
Inhoud: 250 g

10% vruchten



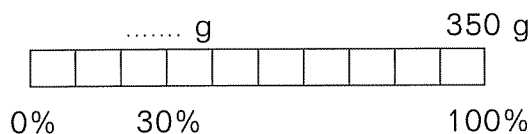
Inhoud: 250 g

20% vruchten



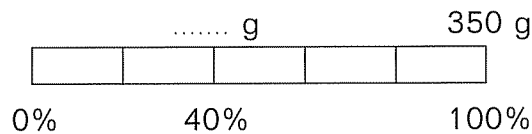
Inhoud: 350 g

30% vruchten



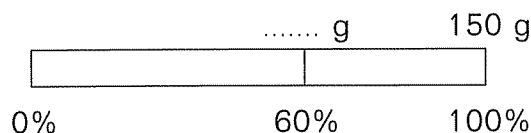
Inhoud: 350 g

40% vruchten



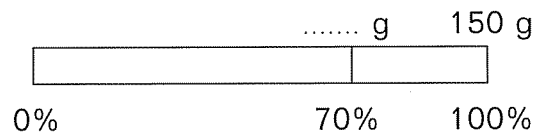
Inhoud: 150 g

60% vruchten



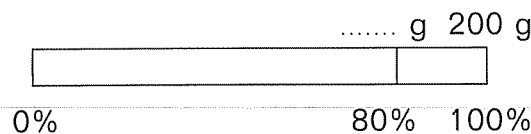
Inhoud: 150 g

70% vruchten



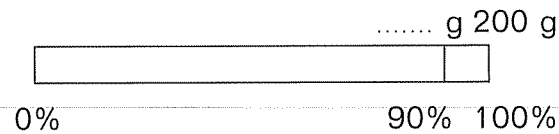
Inhoud: 200 g

80% vruchten



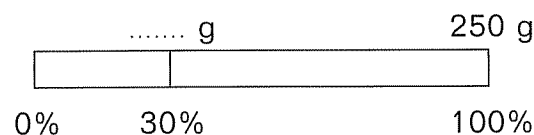
Inhoud: 200 g

90% vruchten



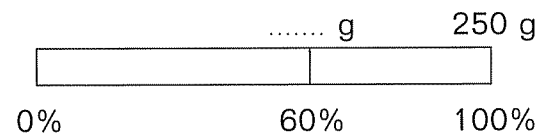
Inhoud: 250 g

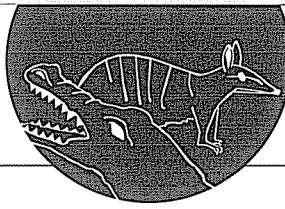
30% vruchten



Inhoud: 250 g

60% vruchten





## Procentenstroken.



0%

100%



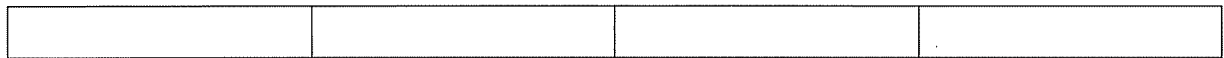
0%

100%



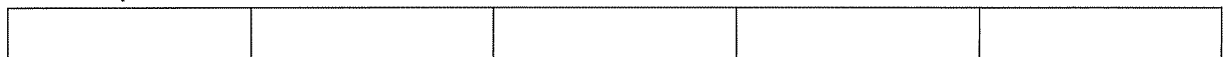
0%

100%



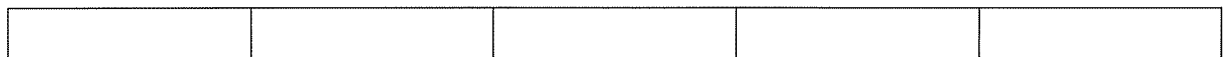
0%

100%



0%

100%



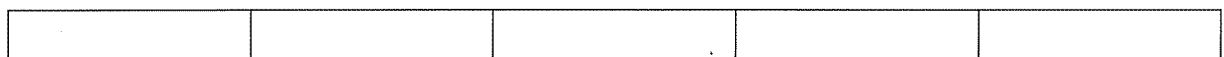
0%

100%



0%

100%



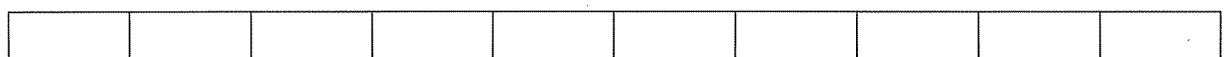
0%

100%



0%

100%



0%

100%



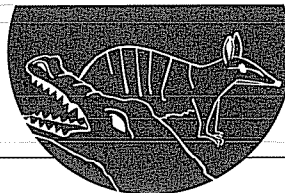
0%

100%

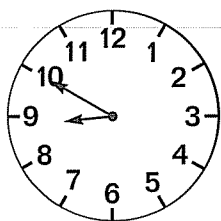


0%

100%

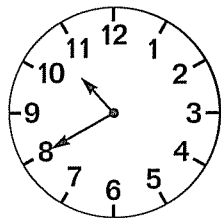


## 1 Eén klok, twee digitale tijden.



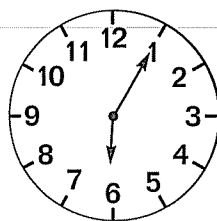
8.50 uur

..... uur



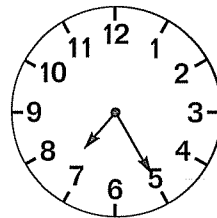
..... uur

..... uur



..... uur

..... uur



..... uur

..... uur

## 2 Hoeveel bekeuringen?

Je mag de stroken van werkblad 51 gebruiken.

Bij Utrecht: 2000 auto's gecontroleerd.

25% kreeg een bekeuring.

Dat zijn ..... bekeuringen.

### Landelijke verkeerscontrole

Amsterdam – Bij een landelijke verkeerscontrole heeft de politie afgelopen weekend in totaal 20 000 auto's gecontroleerd. Eerst werd er gecontroleerd op alcoholgebruik. Daarna werd nagegaan of de bestuurders hun rijbewijs bij zich hadden en of ze hun gordels hadden omgedaan. Tenslotte werd gekeken naar de verlichting en de banden. Er werden veel bekeuringen uitgedeeld.

Bij Zwolle: 1500 auto's gecontroleerd.

20% kreeg een bekeuring.

Dat zijn ..... bekeuringen.

Bij Tilburg: 1200 auto's gecontroleerd.

10% kreeg een bekeuring.

Dat zijn ..... bekeuringen.

Bij Venlo: 900 auto's gecontroleerd.

10% kreeg een bekeuring.

Dat zijn ..... bekeuringen.

Bij Assen: 800 auto's gecontroleerd.

25% kreeg een bekeuring.

Dat zijn ..... bekeuringen.

Bij Almere: 750 auto's gecontroleerd.

20% kreeg een bekeuring.

Dat zijn ..... bekeuringen.

Bij Drachten: 600 auto's gecontroleerd.

10% kreeg een bekeuring.

Dat zijn ..... bekeuringen.

Bij Heerlen: 1000 auto's gecontroleerd.

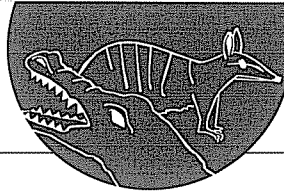
25% kreeg een bekeuring.

Dat zijn ..... bekeuringen.

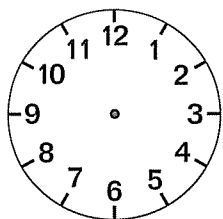
Bij Alkmaar: 300 auto's gecontroleerd.

20% kreeg een bekeuring.

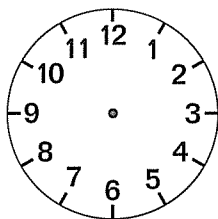
Dat zijn ..... bekeuringen.



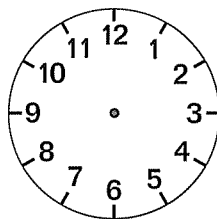
# 1 Teken de wijzers.



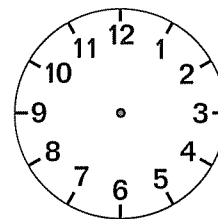
22.45 uur



17.20 uur



21.25 uur



18.35 uur

## 2 Hoeveel verkocht op de markt?

Je mag de stroken van werkblad 51 gebruiken.

Er waren 1200 doosjes aardbeien.

25% is verkocht.

Dat zijn ..... doosjes.



Er waren 400 kamerplanten.

20% is verkocht.

Dat zijn ..... planten.

Er waren 200 meloenen.

75% is verkocht.

Dat zijn ..... meloenen.

Er waren 500 doosjes perziken.

10% is verkocht.

Dat zijn ..... doosjes.

Er waren 800 bossen bloemen.

50% is verkocht.

Dat zijn ..... bossen.

Er was 500 kg peren.

30% is verkocht.

Dat is ..... kg.

Er was 150 kg druiven.

40% is verkocht.

Dat is ..... kg.

Er was 600 kg appels.

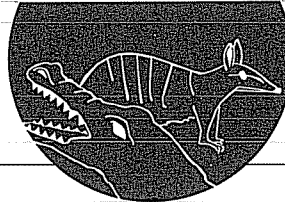
70% is verkocht.

Dat is ..... kg.

Er was 2000 kg aardappelen.

60% is verkocht.

Dat is ..... kg.

**1 Aftrekken.**

Trek er steeds € 600 van af.

|         |         |         |         |         |         |         |         |
|---------|---------|---------|---------|---------|---------|---------|---------|
| € 3.900 | € 5.600 | € 4.500 | € 3.300 | € 4.400 | € 3.500 | € 3.600 | € 3.200 |
| € ..... | € ..... | € ..... | € ..... | € ..... | € ..... | € ..... | € ..... |

Trek er steeds € 40 van af.

|         |         |         |         |         |         |         |         |
|---------|---------|---------|---------|---------|---------|---------|---------|
| € 5.170 | € 4.540 | € 6.230 | € 5.420 | € 3.270 | € 9.330 | € 2.310 | € 4.320 |
| € ..... | € ..... | € ..... | € ..... | € ..... | € ..... | € ..... | € ..... |

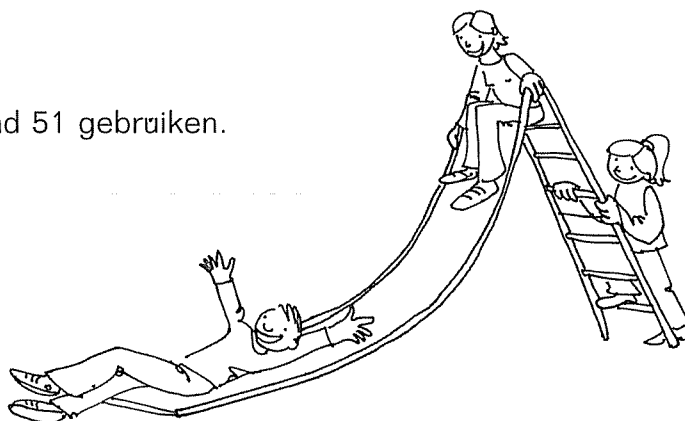
**2 Hoeveel kinderen?**

Je mag de stroken van werkblad 51 gebruiken.

Er spelen 1200 kinderen.

10% gaat naar de glijbaan.

Dat zijn ..... kinderen.



Er spelen 1200 kinderen.

5% gaat naar de klimtoren.

Dat zijn ..... kinderen.

Er spelen 1200 kinderen.

15% gaat in de achtbaan.

Dat zijn ..... kinderen.

Er spelen 800 kinderen.

5% gaat naar het spookhuis.

Dat zijn ..... kinderen.

Er spelen 800 kinderen.

15% gaat in de draaimolen.

Dat zijn ..... kinderen.

Er spelen 600 kinderen.

30% gaat schommelen.

Dat zijn ..... kinderen.

Er spelen 600 kinderen.

5% gaat ponyrijden.

Dat zijn ..... kinderen.

Er spelen 600 kinderen.

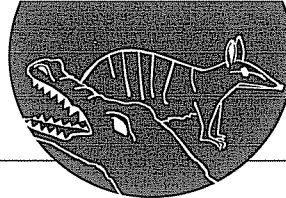
35% gaat in de botsauto's.

Dat zijn ..... kinderen.

Er spelen 600 kinderen.

55% gaat in de superglijbaan.

Dat zijn ..... kinderen.



## 1 Deelsommen.

$$\begin{array}{llll}
 15 : 5 = \dots & 12 : 3 = \dots & 24 : 6 = \dots & 42 : 7 = \dots \\
 150 : 5 = \dots & 120 : 3 = \dots & 240 : 6 = \dots & 420 : 7 = \dots \\
 40 : 5 = \dots & 18 : 3 = \dots & 30 : 6 = \dots & 36 : 6 = \dots \\
 400 : 5 = \dots & 180 : 3 = \dots & 300 : 6 = \dots & 360 : 6 = \dots
 \end{array}$$



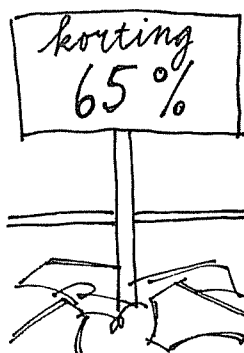
## 2 Vul de tabellen in.

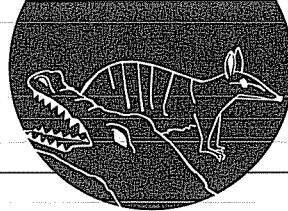
Je kunt werkblad 51 erbij gebruiken.

|         | 20%     | 10%     | 5%      | 30%     | 35%     |
|---------|---------|---------|---------|---------|---------|
| € 500   | € ..... | € ..... | € ..... | € ..... | € ..... |
| € 1.500 | € ..... | € ..... | € ..... | € ..... | € ..... |
| € 2.000 | € ..... | € ..... | € ..... | € ..... | € ..... |

|         | 50%     | 25%     | 75%     | 5%      | 55%     |
|---------|---------|---------|---------|---------|---------|
| € 800   | € ..... | € ..... | € ..... | € ..... | € ..... |
| € 1.200 | € ..... | € ..... | € ..... | € ..... | € ..... |
| € 4.000 | € ..... | € ..... | € ..... | € ..... | € ..... |

|       | 10%     | 30%     | 60%     | 5%      | 65%     |
|-------|---------|---------|---------|---------|---------|
| € 80  | € ..... | € ..... | € ..... | € ..... | € ..... |
| € 120 | € ..... | € ..... | € ..... | € ..... | € ..... |
| € 500 | € ..... | € ..... | € ..... | € ..... | € ..... |



**1 Reken handig.**

|                                  |                                  |                                  |                                  |
|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| $2 \times 25 = \dots\dots\dots$  | $4 \times 25 = \dots\dots\dots$  | $8 \times 25 = \dots\dots\dots$  | $5 \times 25 = \dots\dots\dots$  |
| $2 \times 100 = \dots\dots\dots$ | $4 \times 100 = \dots\dots\dots$ | $8 \times 100 = \dots\dots\dots$ | $5 \times 100 = \dots\dots\dots$ |
| $2 \times 200 = \dots\dots\dots$ | $4 \times 200 = \dots\dots\dots$ | $8 \times 400 = \dots\dots\dots$ | $5 \times 500 = \dots\dots\dots$ |
| $2 \times 125 = \dots\dots\dots$ | $4 \times 125 = \dots\dots\dots$ | $8 \times 125 = \dots\dots\dots$ | $5 \times 125 = \dots\dots\dots$ |

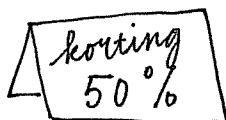
**2 Vul de tabellen in.**

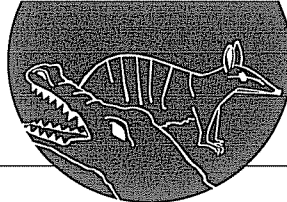
Je kunt werkblad 51 erbij gebruiken.

|         | 50%     | 25%     | 5%      | 10%     | 1%      |
|---------|---------|---------|---------|---------|---------|
| € 600   | € ..... | € ..... | € ..... | € ..... | € ..... |
| € 1.200 | € ..... | € ..... | € ..... | € ..... | € ..... |
| € 6.000 | € ..... | € ..... | € ..... | € ..... | € ..... |

|         | 20%     | 10%     | 5%      | 1%      | 2%      |
|---------|---------|---------|---------|---------|---------|
| € 500   | € ..... | € ..... | € ..... | € ..... | € ..... |
| € 1.500 | € ..... | € ..... | € ..... | € ..... | € ..... |
| € 2.000 | € ..... | € ..... | € ..... | € ..... | € ..... |

|         | 10%     | 5%      | 1%      | 2%      | 3%      |
|---------|---------|---------|---------|---------|---------|
| € 200   | € ..... | € ..... | € ..... | € ..... | € ..... |
| € 500   | € ..... | € ..... | € ..... | € ..... | € ..... |
| € 3.000 | € ..... | € ..... | € ..... | € ..... | € ..... |



**1 Vul de tabellen verder in.**

De auto van Ben gebruikt één liter benzine voor elke 15 km.

|                |    |   |   |   |   |   |    |    |    |    |
|----------------|----|---|---|---|---|---|----|----|----|----|
| liters benzine | 1  | 2 | 4 | 8 | 6 | 5 | 10 | 20 | 40 | 50 |
| kilometers     | 15 |   |   |   |   |   |    |    |    |    |

De brommer van Roos gebruikt één liter benzine voor elke 25 km.

|                |    |   |   |   |   |   |    |    |    |    |
|----------------|----|---|---|---|---|---|----|----|----|----|
| liters benzine | 1  | 2 | 4 | 8 | 6 | 5 | 10 | 20 | 40 | 50 |
| kilometers     | 25 |   |   |   |   |   |    |    |    |    |

**2 Deel door 10 en deel door 100.**

$$€ 500 : 10 = € \dots\dots € 500 : 100 = € \dots\dots$$

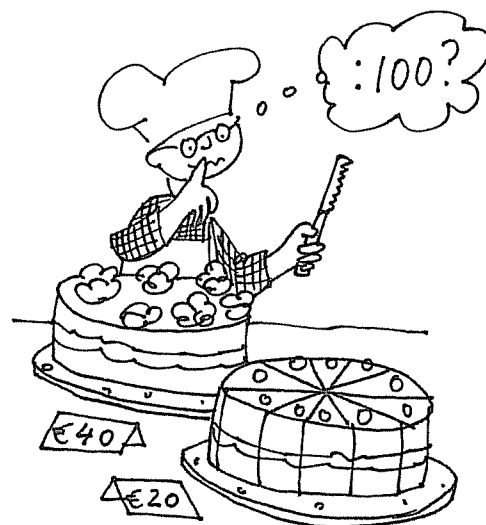
$$€ 20 : 10 = € \dots\dots € 20 : 100 = € \dots\dots$$

$$€ 520 : 10 = € \dots\dots € 520 : 100 = € \dots\dots$$

$$€ 800 : 10 = € \dots\dots € 800 : 100 = € \dots\dots$$

$$€ 60 : 10 = € \dots\dots € 60 : 100 = € \dots\dots$$

$$€ 860 : 10 = € \dots\dots € 860 : 100 = € \dots\dots$$

**3 Vul de tabellen in.**

|       | 10%     | 1%      |
|-------|---------|---------|
| € 400 | € ..... | € ..... |
| € 50  | € ..... | € ..... |
| € 450 | € ..... | € ..... |

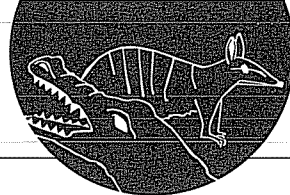
|       | 10%     | 1%      |
|-------|---------|---------|
| € 700 | € ..... | € ..... |
| € 50  | € ..... | € ..... |
| € 750 | € ..... | € ..... |

|       | 10%     | 1%      |
|-------|---------|---------|
| € 300 | € ..... | € ..... |
| € 90  | € ..... | € ..... |
| € 390 | € ..... | € ..... |

|       | 10%     | 1%      |
|-------|---------|---------|
| € 600 | € ..... | € ..... |
| € 10  | € ..... | € ..... |
| € 610 | € ..... | € ..... |

|       | 10%     | 1%      |
|-------|---------|---------|
| € 100 | € ..... | € ..... |
| € 80  | € ..... | € ..... |
| € 180 | € ..... | € ..... |

|       | 10%     | 1%      |
|-------|---------|---------|
| € 800 | € ..... | € ..... |
| € 40  | € ..... | € ..... |
| € 840 | € ..... | € ..... |



# 1 Zet de kaartjes op volgorde: van lage naar hoge prijzen.

|           |           |           |         |         |         |
|-----------|-----------|-----------|---------|---------|---------|
| € 432.550 | € 392.899 | € 399.995 | € ..... | € ..... | € ..... |
| € 232.499 | € 198.000 | € 219.950 | € ..... | € ..... | € ..... |
| € 329.200 | € 319.525 | € 197.999 | € ..... | € ..... | € ..... |
| € 832.450 | € 792.950 | € 819.399 | € ..... | € ..... | € ..... |
| € 399.498 | € 400.250 | € 400.289 | € ..... | € ..... | € ..... |

## 2 Deel door 10 en deel door 100.

|                      |                       |
|----------------------|-----------------------|
| € 200 : 10 = € ..... | € 200 : 100 = € ..... |
| € 40 : 10 = € .....  | € 40 : 100 = € .....  |
| € 5 : 10 = € .....   | € 5 : 100 = € .....   |
| € 245 : 10 = € ..... | € 245 : 100 = € ..... |
| € 600 : 10 = € ..... | € 600 : 100 = € ..... |
| € 70 : 10 = € .....  | € 70 : 100 = € .....  |
| € 8 : 10 = € .....   | € 8 : 100 = € .....   |
| € 678 : 10 = € ..... | € 678 : 100 = € ..... |



## 3 Vul de tabellen in.

|       | 10%     | 1%      |
|-------|---------|---------|
| € 400 | € ..... | € ..... |
| € 80  | € ..... | € ..... |
| € 5   | € ..... | € ..... |
| € 485 | € ..... | € ..... |

|       | 10%     | 1%      |
|-------|---------|---------|
| € 700 | € ..... | € ..... |
| € 40  | € ..... | € ..... |
| € 8   | € ..... | € ..... |
| € 748 | € ..... | € ..... |

|       | 10%     | 1%      |
|-------|---------|---------|
| € 300 | € ..... | € ..... |
| € 60  | € ..... | € ..... |
| € 4   | € ..... | € ..... |
| € 364 | € ..... | € ..... |

|       | 10%     | 1%      |
|-------|---------|---------|
| € 900 | € ..... | € ..... |
| € 10  | € ..... | € ..... |
| € 6   | € ..... | € ..... |
| € 916 | € ..... | € ..... |