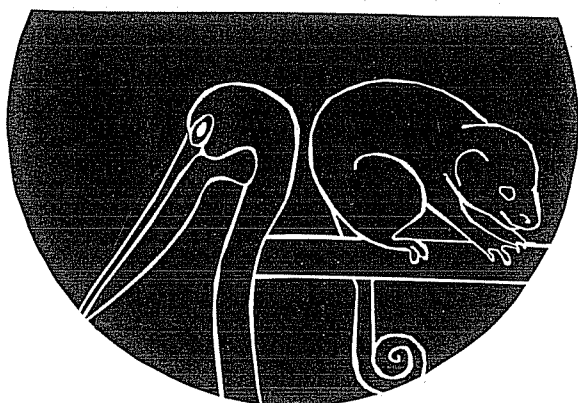


leerling:
groep:

maatwerk geel



onderdeel 1

Het bos

blok 3

pelikaan

oefenen en toepassen van breuken

werkbleden

computerprogramma

1 Het bos

3 oefenen 23 t/m33

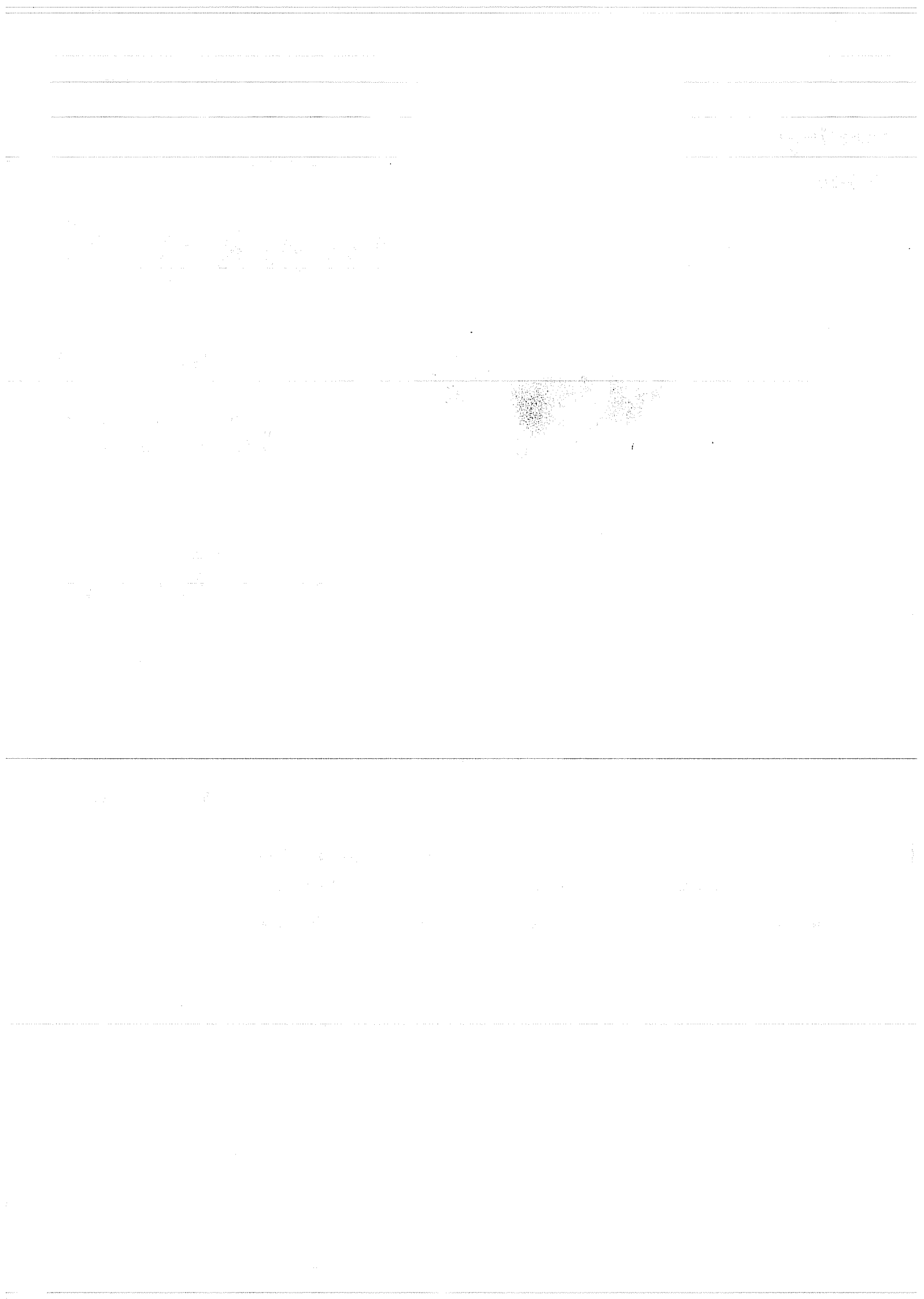
pelikaan

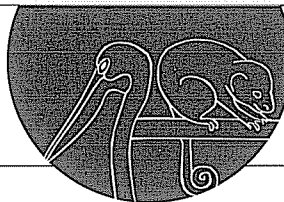
1.3a: de grootste breuk bepalen

1 Het bos

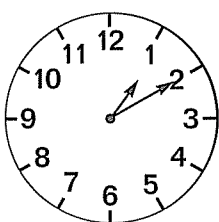
koeskoes

1.3b: het zoveelste deel berekenen

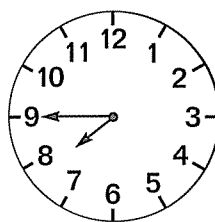




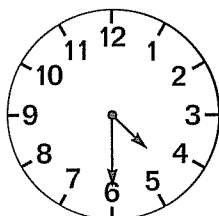
1 Eén klok, twee tijden.



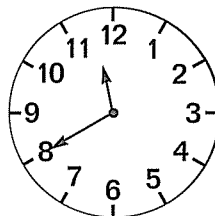
's nachts: 1.10 uur
's middags: uur



's ochtends: uur
's avonds: uur



's nachts: uur
's middags: uur

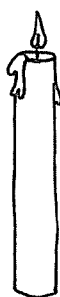


's ochtends: uur
's avonds: uur

2 Hoeveel over van de kaars?



Hele kaars: 12 cm.
 $\frac{1}{3}$ deel is cm.
 $\frac{2}{3}$ deel is cm.



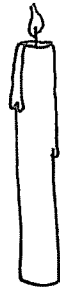
Hele kaars: 12 cm.
 $\frac{1}{4}$ deel is cm.
 $\frac{2}{4}$ deel is cm.
 $\frac{3}{4}$ deel is cm.



Hele kaars: 12 cm.
 $\frac{1}{6}$ deel is cm.
 $\frac{2}{6}$ deel is cm.
 $\frac{4}{6}$ deel is cm.



Hele kaars: 16 cm.
 $\frac{1}{4}$ deel is cm.
 $\frac{2}{4}$ deel is cm.
 $\frac{3}{4}$ deel is cm.

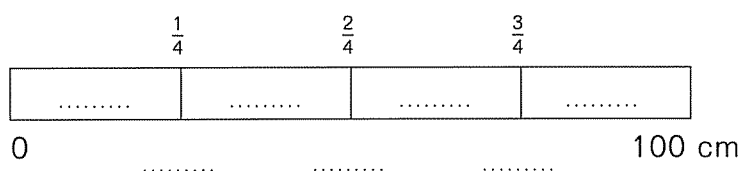


Hele kaars: 20 cm.
 $\frac{1}{5}$ deel is cm.
 $\frac{3}{5}$ deel is cm.
 $\frac{4}{5}$ deel is cm.

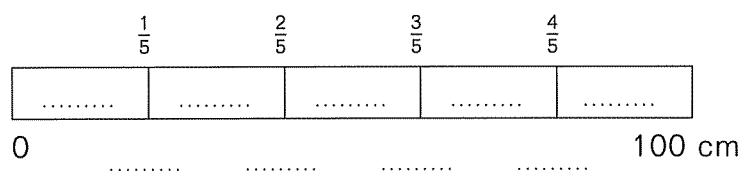


Hele kaars: 18 cm.
 $\frac{1}{6}$ deel is cm.
 $\frac{4}{6}$ deel is cm.
 $\frac{5}{6}$ deel is cm.

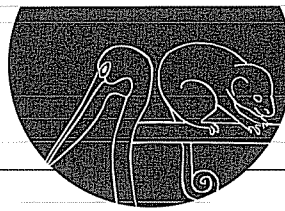
3 Reken uit.



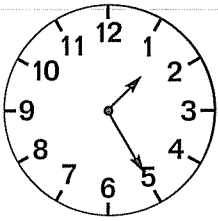
$\frac{1}{4}$ deel van 100 cm is cm.
 $\frac{2}{4}$ deel van 100 cm is cm.
 $\frac{3}{4}$ deel van 100 cm is cm.



$\frac{1}{5}$ deel van 100 cm is cm.
 $\frac{3}{5}$ deel van 100 cm is cm.
 $\frac{4}{5}$ deel van 100 cm is cm.

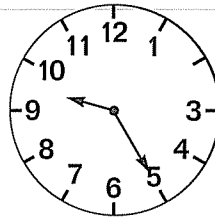


1 Eén klok, twee digitale tijden.



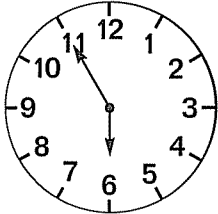
1.25 uur

..... uur



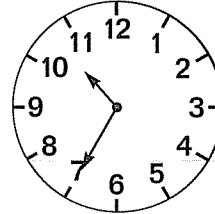
..... uur

..... uur



..... uur

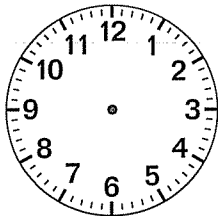
..... uur



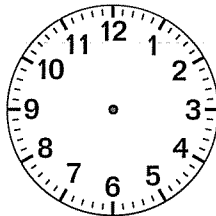
..... uur

..... uur

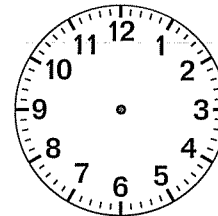
2 Hoeveel minuten? Kleur en vul in.

Kleur $\frac{1}{4}$ deel.

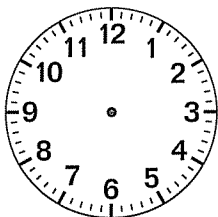
Dat is minuten.

Kleur $\frac{2}{4}$ deel.

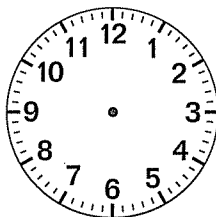
Dat is minuten.

Kleur $\frac{3}{4}$ deel.

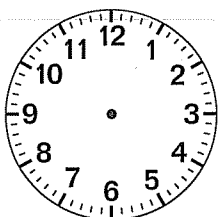
Dat is minuten.

Kleur $\frac{1}{3}$ deel.

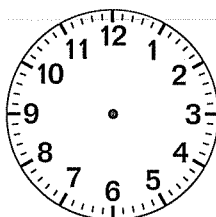
Dat is minuten.

Kleur $\frac{2}{3}$ deel.

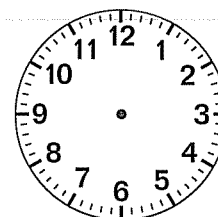
Dat is minuten.

Kleur $\frac{1}{6}$ deel.

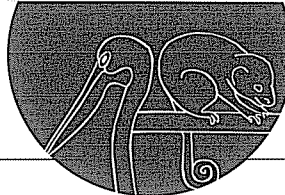
Dat is minuten.

Kleur $\frac{3}{6}$ deel.

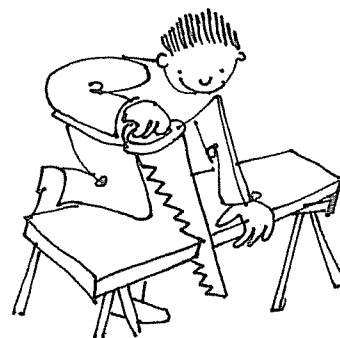
Dat is minuten.

Kleur $\frac{5}{6}$ deel.

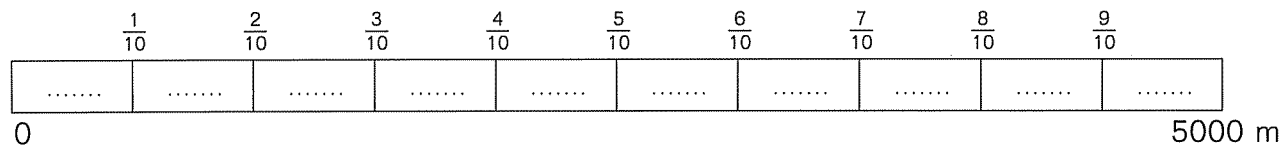
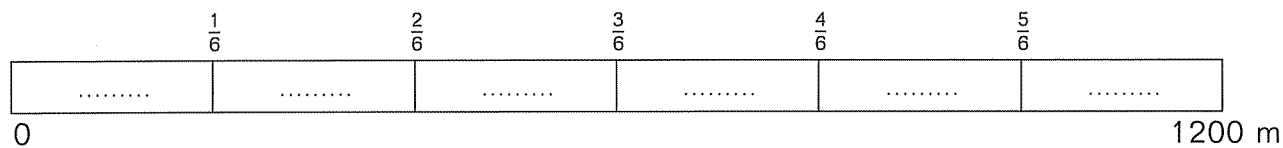
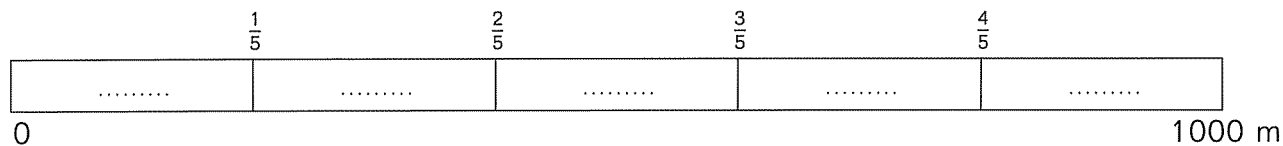
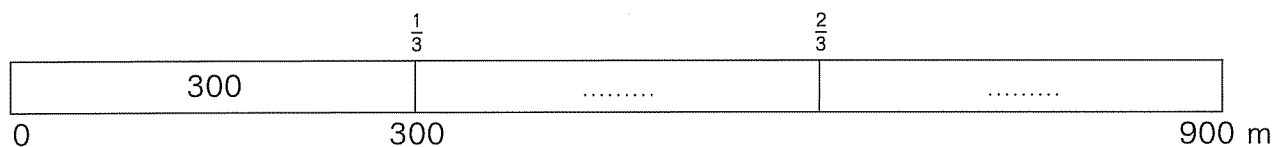
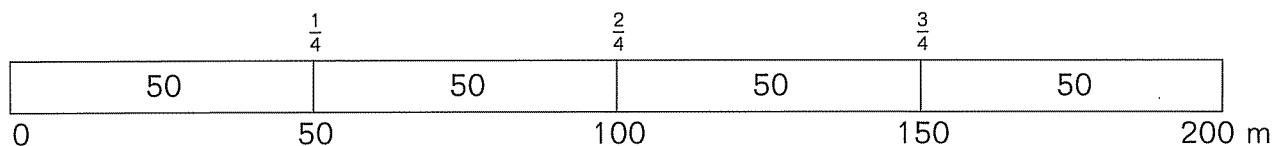
Dat is minuten.

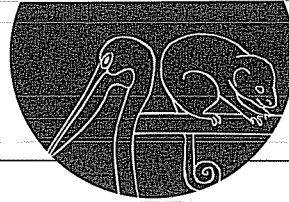
**1 Reken uit.**

$60 : 2 = \dots\dots\dots$	$600 : 2 = \dots\dots\dots$	$120 : 2 = \dots\dots\dots$
$60 : 3 = \dots\dots\dots$	$600 : 3 = \dots\dots\dots$	$120 : 3 = \dots\dots\dots$
$60 : 4 = \dots\dots\dots$	$600 : 4 = \dots\dots\dots$	$120 : 4 = \dots\dots\dots$
$60 : 5 = \dots\dots\dots$	$600 : 5 = \dots\dots\dots$	$120 : 6 = \dots\dots\dots$
$60 : 10 = \dots\dots\dots$	$600 : 10 = \dots\dots\dots$	$120 : 10 = \dots\dots\dots$

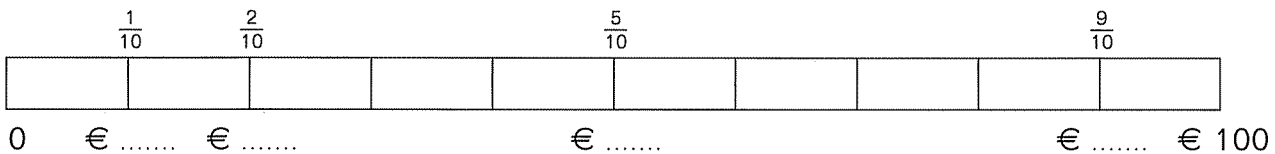
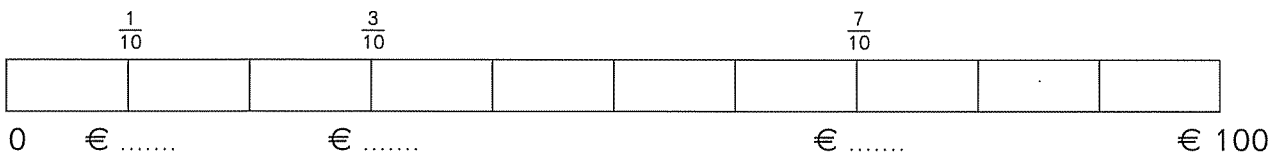
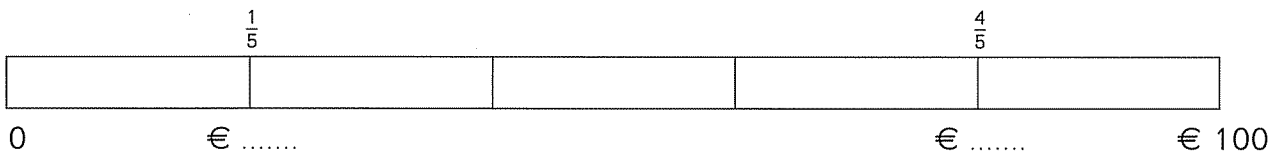
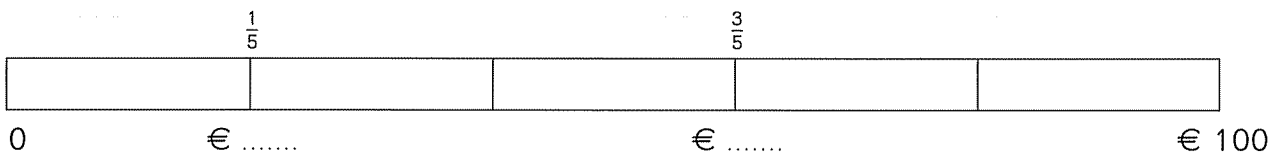
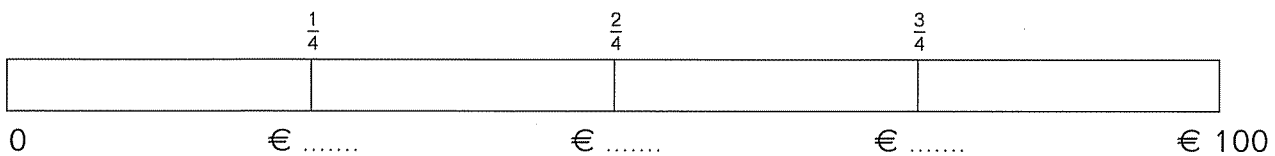
**2 Hoeveel meter is het?**

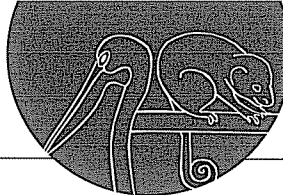
Vul de lege plekken in.

**3 Reken uit.** $\frac{2}{3}$ deel van 60 m is m. $\frac{5}{6}$ deel van 300 m is m. $\frac{3}{4}$ deel van 80 m is m. $\frac{3}{8}$ deel van 800 m is m. $\frac{2}{5}$ deel van 100 m is m. $\frac{3}{10}$ deel van 600 m is m. $\frac{3}{5}$ deel van 25 m is m. $\frac{7}{10}$ deel van 1200 m is m. $\frac{4}{5}$ deel van 75 m is m. $\frac{9}{10}$ deel van 4000 m is m.

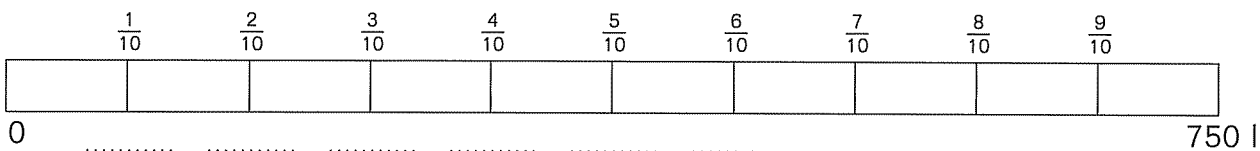
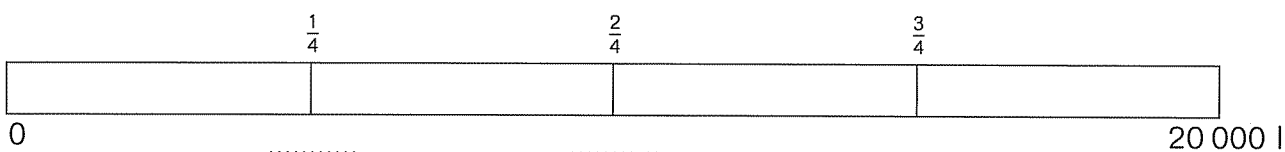
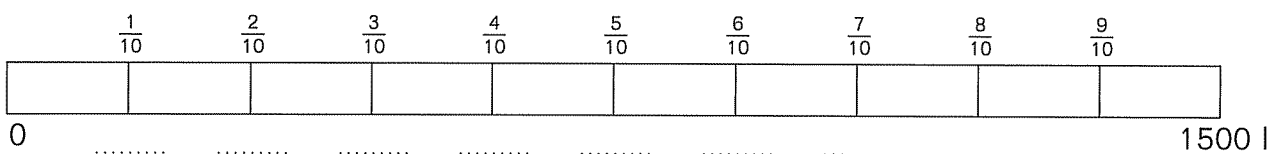
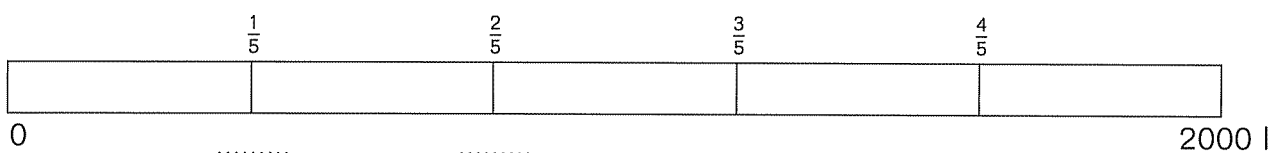
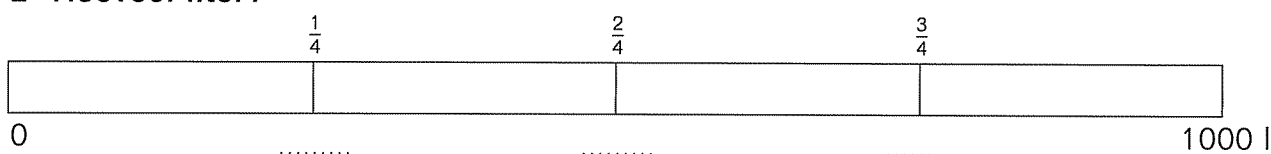
**1 Reken uit.**

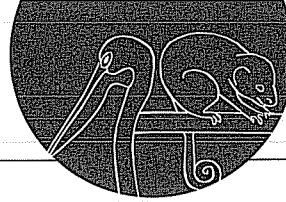
$100 : 2 = \dots\dots$	$200 : 2 = \dots\dots$	$1000 : 2 = \dots\dots$
$100 : 4 = \dots\dots$	$200 : 4 = \dots\dots$	$1000 : 4 = \dots\dots$
$100 : 5 = \dots\dots$	$200 : 5 = \dots\dots$	$1000 : 5 = \dots\dots$
$100 : 10 = \dots\dots$	$200 : 10 = \dots\dots$	$1000 : 10 = \dots\dots$

**2 Hoeveel euro?****3 Reken uit.** $\frac{2}{3}$ deel van € 600 is € $\frac{5}{6}$ deel van € 120 is € $\frac{3}{4}$ deel van € 200 is € $\frac{3}{8}$ deel van € 400 is € $\frac{2}{5}$ deel van € 400 is € $\frac{3}{10}$ deel van € 200 is € $\frac{3}{5}$ deel van € 150 is € $\frac{7}{10}$ deel van € 500 is € $\frac{4}{5}$ deel van € 200 is € $\frac{9}{10}$ deel van € 800 is €

**1 Reken uit.**

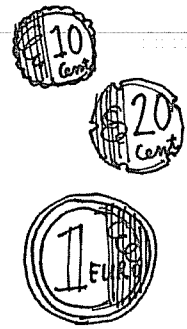
200 : 2 =	1000 : 2 =	2000 : 2 =
200 : 4 =	1000 : 4 =	2000 : 4 =
200 : 5 =	1000 : 5 =	2000 : 5 =
200 : 10 =	1000 : 10 =	2000 : 10 =
200 : 100 =	1000 : 100 =	2000 : 100 =

**2 Hoeveel liter?****3 Reken uit.** $\frac{2}{3}$ deel van 6 000 l is l. $\frac{3}{8}$ deel van 2 400 l is l. $\frac{3}{4}$ deel van 2 400 l is l. $\frac{7}{8}$ deel van 4 000 l is l. $\frac{2}{5}$ deel van 2 500 l is l. $\frac{3}{10}$ deel van 4 000 l is l. $\frac{4}{5}$ deel van 10 000 l is l. $\frac{7}{10}$ deel van 5 000 l is l. $\frac{5}{6}$ deel van 3 000 l is l. $\frac{9}{10}$ deel van 20 000 l is l.



1 Hoeveel euro?

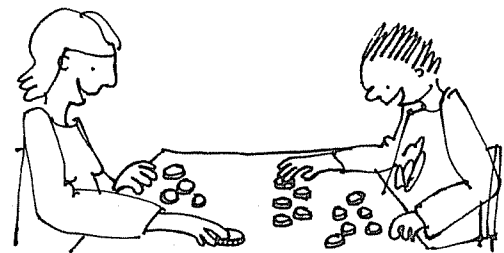
5 munten van 5 cent = €	20 munten van 5 cent = €
5 munten van 10 cent = €	20 munten van 10 cent = €
5 munten van 20 cent = €	20 munten van 20 cent = €
5 munten van 50 cent = €	20 munten van 50 cent = €
5 munten van 2 euro = €	20 munten van 2 euro = €



2 Hoeveel?



$\frac{1}{5}$ euro = € 0,.....	$\frac{2}{5}$ euro = € 0,.....
$\frac{3}{5}$ euro = € 0,.....	$\frac{4}{5}$ euro = € 0,.....



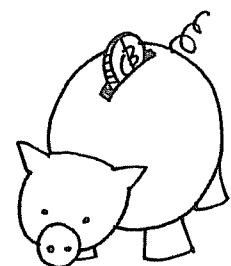
$\frac{1}{10}$ euro = € 0,.....	$\frac{2}{10}$ euro = € 0,.....	$\frac{3}{10}$ euro = € 0,.....
$\frac{4}{10}$ euro = € 0,.....	$\frac{5}{10}$ euro = € 0,.....	$\frac{6}{10}$ euro = € 0,.....
$\frac{7}{10}$ euro = € 0,.....	$\frac{8}{10}$ euro = € 0,.....	$\frac{9}{10}$ euro = € 0,.....

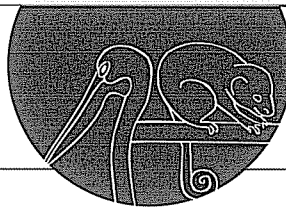


$\frac{1}{4}$ euro = € 0,	$\frac{1}{2}$ euro = € 0,	$\frac{3}{4}$ euro = € 0,
---------------------------------	---------------------------------	---------------------------------

3 Hoeveel is het?

$\frac{1}{5}$ deel van 1 euro is €	$\frac{1}{2}$ deel van 1 euro is €
$\frac{4}{5}$ deel van 1 euro is €	$\frac{1}{4}$ deel van 1 euro is €
$\frac{1}{10}$ deel van 1 euro is €	$\frac{3}{4}$ deel van 1 euro is €
$\frac{3}{10}$ deel van 1 euro is €	$\frac{2}{5}$ deel van 1 euro is €
$\frac{9}{10}$ deel van 1 euro is €	$\frac{3}{5}$ deel van 1 euro is €



**1 Lengtes en afstanden.**

Kleur wat langer is.

1 m	125 cm
98 cm	1 m
195 cm	2 m
3 m	299 cm
405 cm	4 m

1 km	995 m
1200 m	1 km
1990 m	2 km
3 km	3015 m
4888 m	5 km

Maak er een meter van:

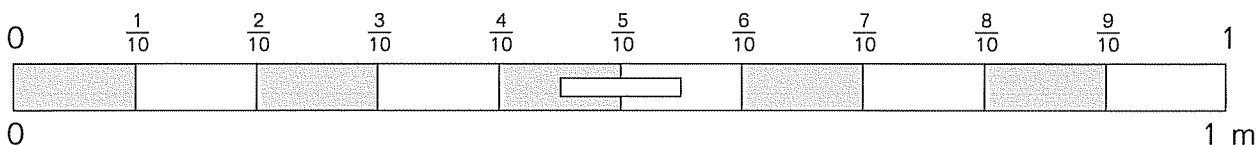
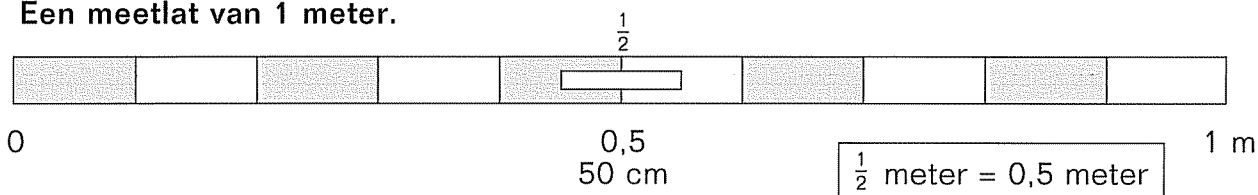
$95 \text{ cm} + \dots \text{ cm} = 1 \text{ m}$

$75 \text{ cm} + \dots \text{ cm} = 1 \text{ m}$

$8 \text{ cm} + \dots \text{ cm} = 1 \text{ m}$

$55 \text{ cm} + \dots \text{ cm} = 1 \text{ m}$

$25 \text{ cm} + \dots \text{ cm} = 1 \text{ m}$

2 Een meetlat van 1 meter.

$\frac{1}{10} \text{ meter} = 0, \dots \text{ m}$

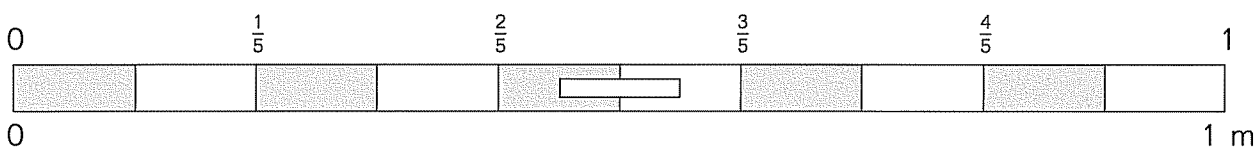
$\frac{8}{10} \text{ meter} = 0, \dots \text{ m}$

$\frac{7}{10} \text{ meter} = 0, \dots \text{ m}$

$\frac{5}{10} \text{ meter} = 0, \dots \text{ m}$

$\frac{3}{10} \text{ meter} = 0, \dots \text{ m}$

$\frac{9}{10} \text{ meter} = 0, \dots \text{ m}$

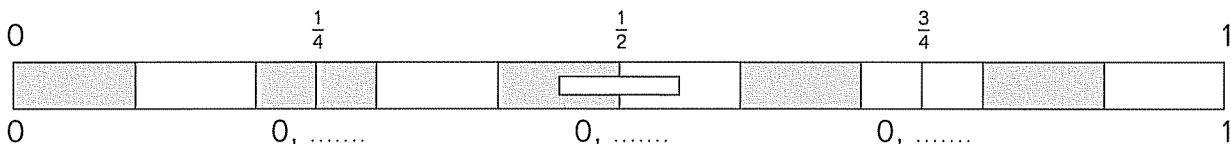


$\frac{1}{5} \text{ meter} = 0, \dots \text{ m}$

$\frac{3}{5} \text{ meter} = 0, \dots \text{ m}$

$\frac{2}{5} \text{ meter} = 0, \dots \text{ m}$

$\frac{4}{5} \text{ meter} = 0, \dots \text{ m}$



$\frac{1}{4} \text{ meter} = 0, \dots \text{ m}$

$\frac{1}{2} \text{ meter} = 0, \dots \text{ m}$

$\frac{3}{4} \text{ meter} = 0, \dots \text{ m}$

3 Hoeveel is het?

$\frac{1}{2} \text{ m} = 0, \dots \text{ m}$

$\frac{2}{5} \text{ m} = 0, \dots \text{ m}$

$\frac{3}{10} \text{ m} = 0, \dots \text{ m}$

$\frac{1}{4} \text{ m} = 0, \dots \text{ m}$

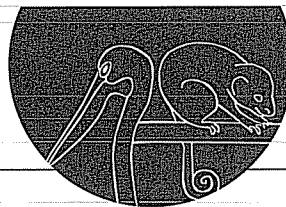
$\frac{3}{5} \text{ m} = 0, \dots \text{ m}$

$\frac{7}{10} \text{ m} = 0, \dots \text{ m}$

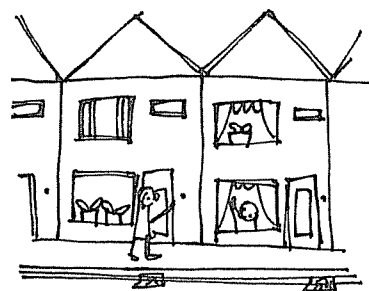
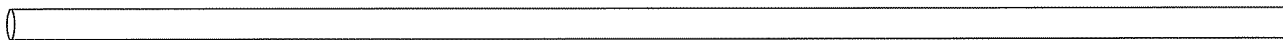
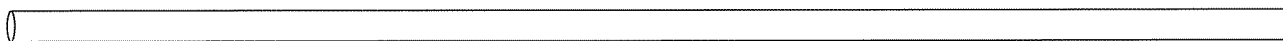
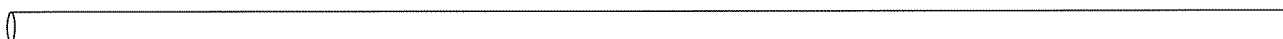
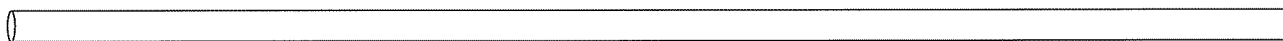
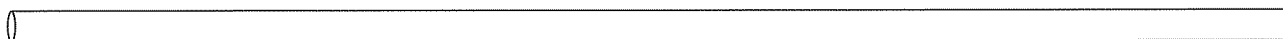
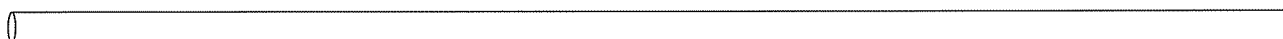
$\frac{3}{4} \text{ m} = 0, \dots \text{ m}$

$\frac{4}{5} \text{ m} = 0, \dots \text{ m}$

$\frac{9}{10} \text{ m} = 0, \dots \text{ m}$

**1 Buurgetallen.**

	2260			3489	
	4320			5299	
	6800			4099	
	5000			7099	
	8000			2199	

**2 Stokken vergelijken.**Kleur $\frac{1}{2}$ deel.Kleur $\frac{1}{3}$ deel.Kleur $\frac{1}{4}$ deel.Kleur $\frac{1}{5}$ deel.Kleur $\frac{1}{6}$ deel.Kleur $\frac{1}{8}$ deel.

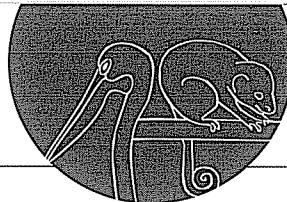
Zet de breuken in volgorde van groot naar klein.

 $\frac{1}{6}; \frac{1}{2}; \frac{1}{3}; \frac{1}{8}; \frac{1}{4}; \frac{1}{5}$ - - - - -
3 Kleur steeds de grootste breuk.

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

$\frac{1}{5}$	$\frac{1}{4}$
$\frac{1}{3}$	$\frac{1}{2}$
$\frac{1}{4}$	$\frac{1}{2}$
$\frac{1}{3}$	$\frac{1}{4}$





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

€ 3.500	€ 2.999	€ 3.495	€	€	€
€ 7.690	€ 8.010	€ 7.995	€	€	€
€ 9.606	€ 5.660	€ 8.066	€	€	€
€ 5.990	€ 7.008	€ 7.800	€	€	€
€ 6.900	€ 1.989	€ 6.890	€	€	€

2 Drie breukenfamilies.

Vul de breukenborden in en maak de opdrachten.

De familie van een half:

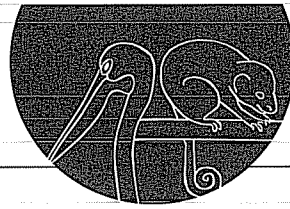
Zoek uit:	Zet een rondje om de grootste breuk:	
$\frac{1}{2} = \dots\dots\dots$	$\frac{1}{2}$	$\frac{1}{4}$
$\frac{1}{2} = \dots\dots\dots$	$\frac{1}{2}$	$\frac{3}{4}$
$\frac{1}{4} = \dots\dots\dots$	$\frac{1}{2}$	$\frac{5}{8}$
$\frac{3}{4} = \dots\dots\dots$	$\frac{1}{4}$	$\frac{1}{8}$
$\frac{3}{4} = \dots\dots\dots$	$\frac{3}{4}$	$\frac{7}{8}$

De familie van een derde:

Zoek uit:	Zet een rondje om de grootste breuk:	
$\frac{1}{3} = \dots\dots\dots$	$\frac{1}{3}$	$\frac{1}{6}$
$\frac{1}{3} = \dots\dots\dots$	$\frac{1}{3}$	$\frac{3}{6}$
$\frac{2}{3} = \dots\dots\dots$	$\frac{2}{3}$	$\frac{5}{6}$
$\frac{4}{6} = \dots\dots\dots$	$\frac{1}{3}$	$\frac{4}{9}$
$\frac{6}{9} = \dots\dots\dots$	$\frac{5}{6}$	$\frac{8}{9}$

De familie van een vijfde:

Zoek uit:	Zet een rondje om de grootste breuk:	
$\frac{1}{5} = \dots\dots\dots$	$\frac{1}{5}$	$\frac{1}{10}$
$\frac{2}{5} = \dots\dots\dots$	$\frac{2}{5}$	$\frac{5}{10}$
$\frac{3}{5} = \dots\dots\dots$	$\frac{3}{5}$	$\frac{5}{10}$
$\frac{4}{5} = \dots\dots\dots$	$\frac{4}{5}$	$\frac{7}{10}$

**1 Verder tellen.**

Tel verder met sprongen van 100:

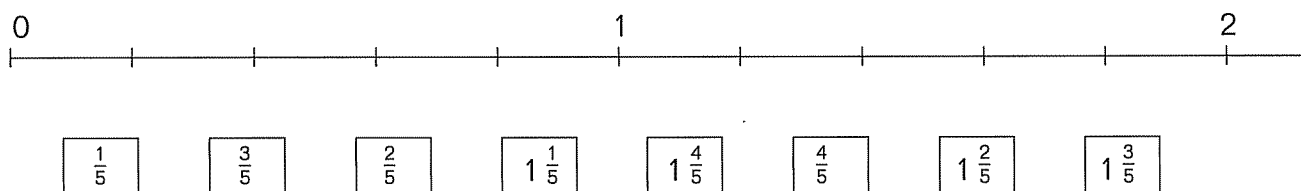
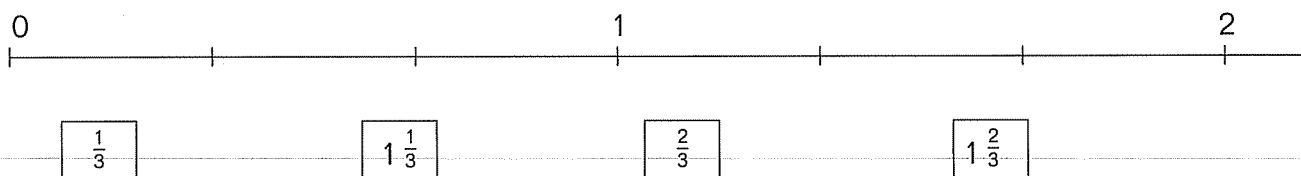
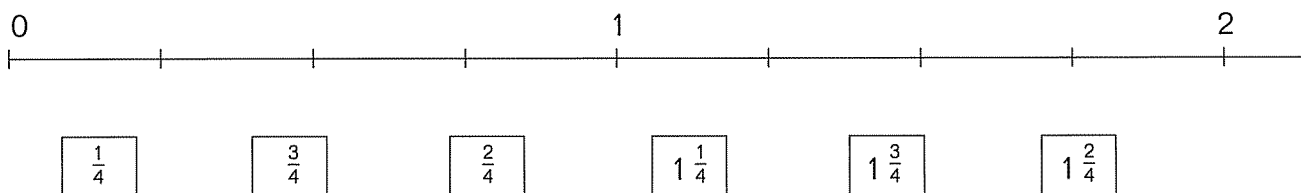
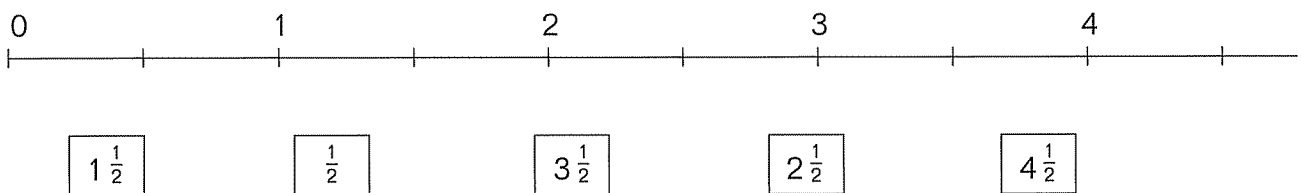
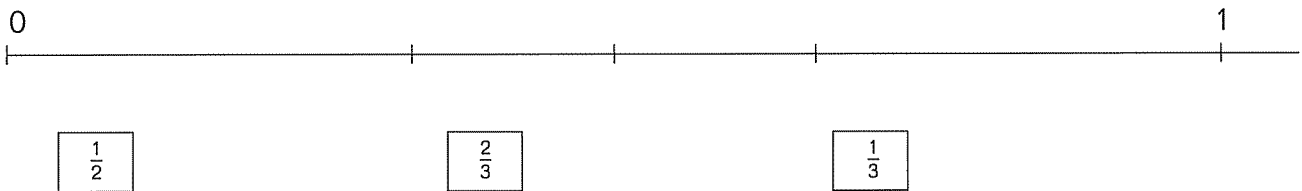
14 670 - - - - - -

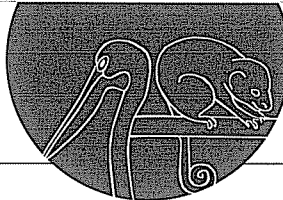
Tel verder met sprongen van 1000:

65 600 - - - - - -

Tel verder met sprongen van 5000:

31 500 - - - - - -

**2 Maak de kaartjes op de goede plek vast.**



1 Schrijf het getal in cijfers.

zevenhonderdduizend acht

negenhonderdduizend driehonderdzevenendertig

zeshonderdduizend vijfhonderdeenentwintig

vijfhonderdduizend drie

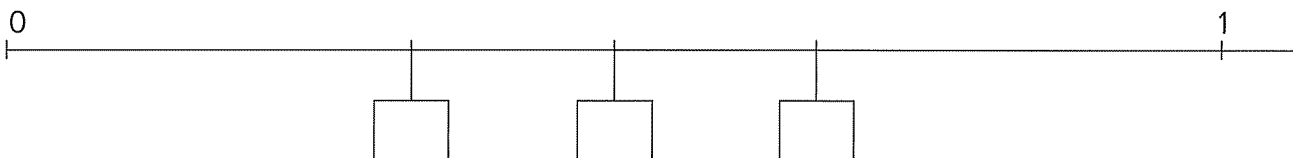
vierhonderdduizend negenenveertig

honderdnegenduizend zevenhonderddrieënveertig

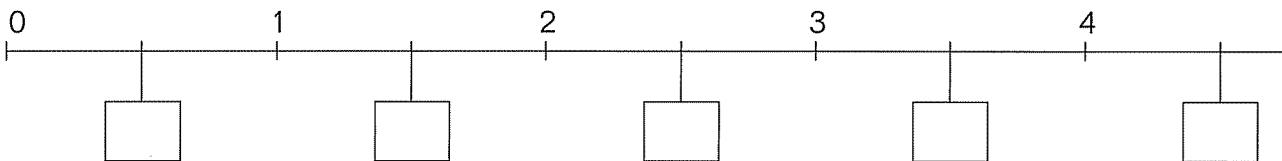


2 Schrijf de goede getallen in de kaartjes.

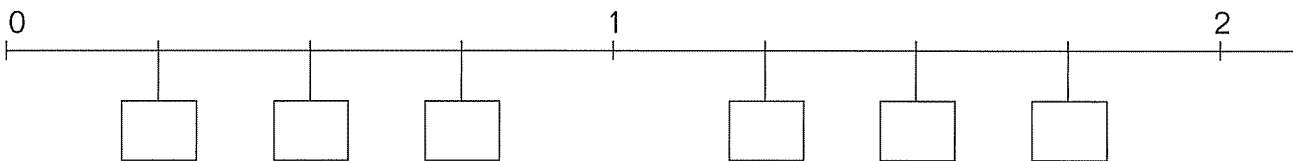
Kies uit: $\frac{2}{3} - \frac{1}{3} - \frac{1}{2}$.



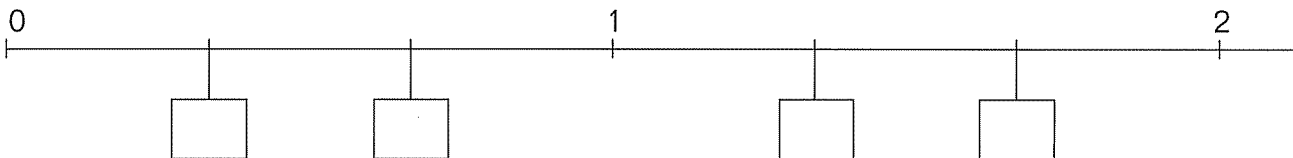
Kies uit: $4\frac{1}{2} - 1\frac{1}{2} - \frac{1}{2} - 3\frac{1}{2} - 2\frac{1}{2}$.



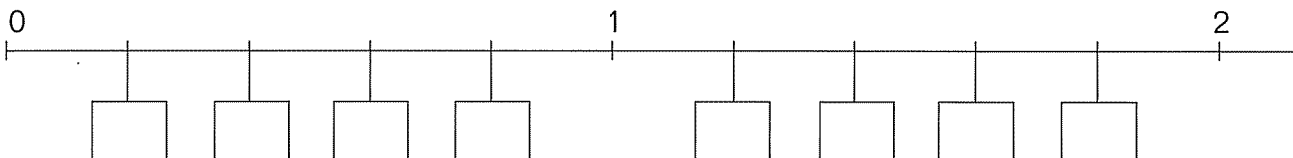
Kies uit: $\frac{3}{4} - 1\frac{1}{4} - 1\frac{2}{4} - 1\frac{3}{4} - \frac{1}{4} - \frac{2}{4}$.



Kies uit: $1\frac{1}{3} - \frac{2}{3} - 1\frac{2}{3} - \frac{1}{3}$.



Kies uit: $1\frac{1}{5} - \frac{2}{5} - 1\frac{2}{5} - \frac{3}{5} - 1\frac{3}{5} - 1\frac{4}{5} - \frac{1}{5} - \frac{4}{5}$.



Procenten.

