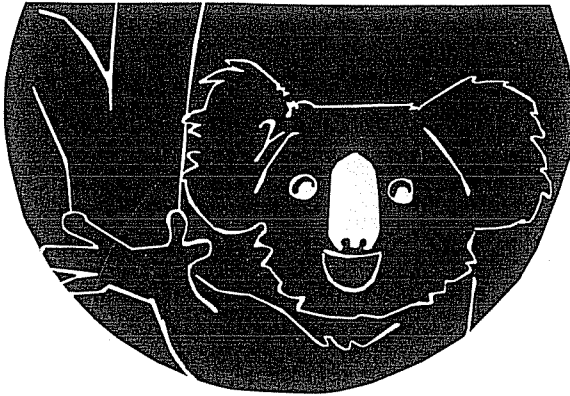


leerling:
groep:

maatwerk geel



onderdeel 1

Het bos

blok 1

koala

introductie van de stambreuken

werkbladen

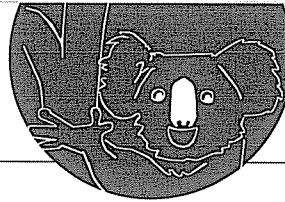
computerprogramma

1 Het bo:

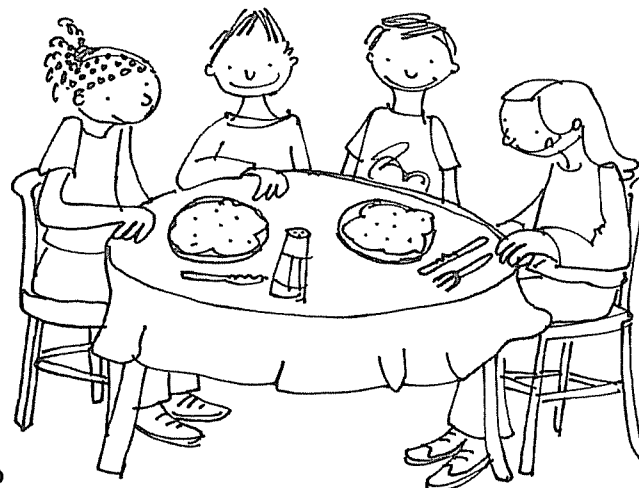
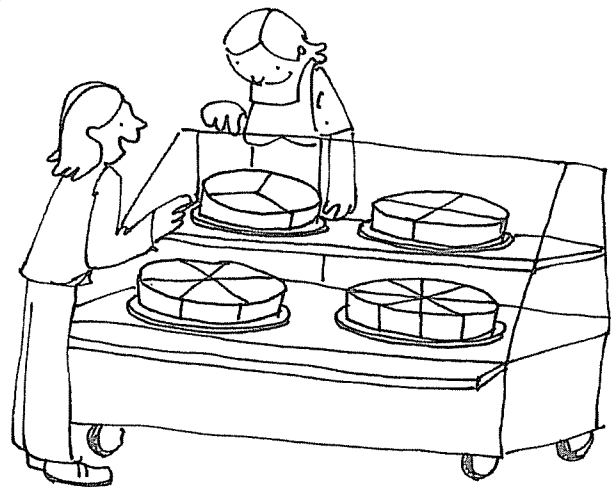
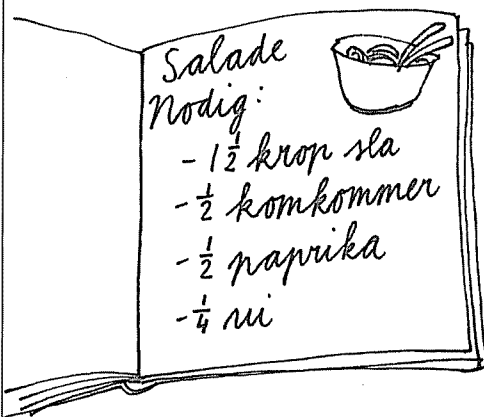
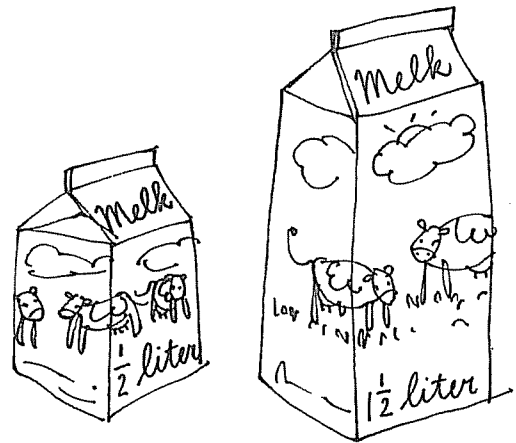
1 introduc 1 t/m 11

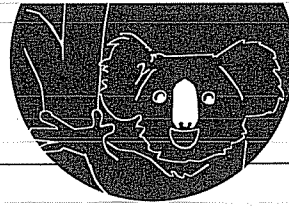
koala

1.1: eerlijk verdelen van een koek



Breuken.





1 Zoek de mooie getallen bij elkaar.

$23 + 7 = \dots\dots$

$36 + 14 + 23 = \dots\dots$

$57 + 17 + 13 = \dots\dots$

$23 + 70 = \dots\dots$

$15 + 35 + 27 = \dots\dots$

$38 + 25 + 15 = \dots\dots$

$34 + 6 = \dots\dots$

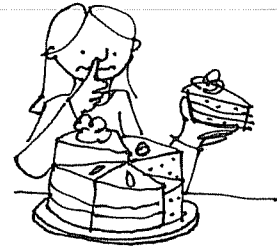
$37 + 3 + 49 = \dots\dots$

$17 + 34 + 16 = \dots\dots$

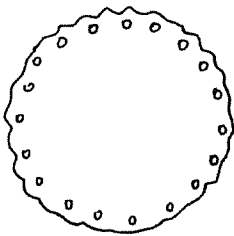
$34 + 60 = \dots\dots$

$24 + 36 + 28 = \dots\dots$

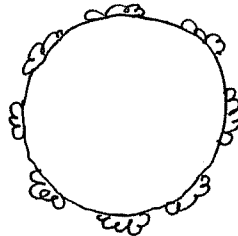
$27 + 28 + 12 = \dots\dots$



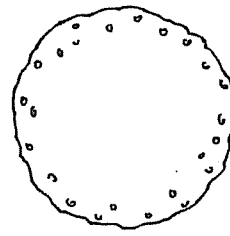
2 Verdeel de taarten eerlijk.



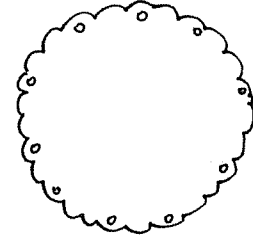
In twee stukken.



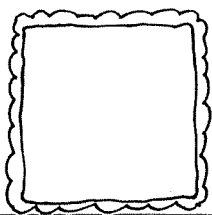
In drie stukken.



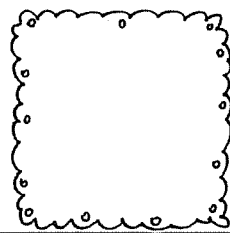
In vier stukken.



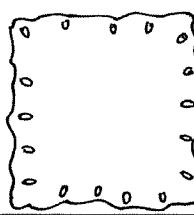
In acht stukken.



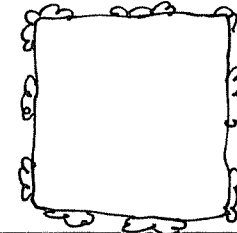
In twee stukken.



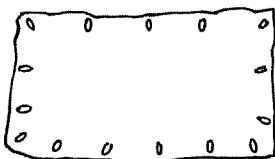
In drie stukken.



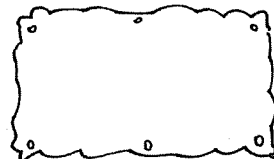
In vier stukken.



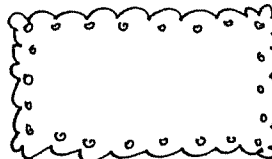
In acht stukken.



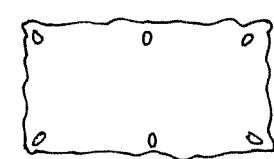
In twee stukken.



In drie stukken.

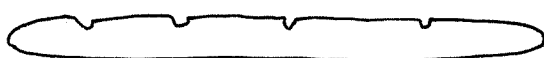


In vier stukken.



In vijf stukken.

3 Verdeel de stokbroden.



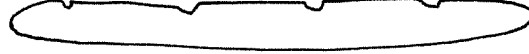
In drie stukken.



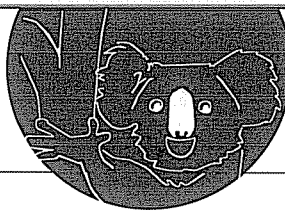
In vier stukken.



In zes stukken.



In acht stukken.

**1 Aftreksommen.**

$10 - 6 = \dots\dots$

$90 - 6 = \dots\dots$

$900 - 6 = \dots\dots$

$900 - 60 = \dots\dots$

$10 - 3 = \dots\dots$

$40 - 3 = \dots\dots$

$400 - 3 = \dots\dots$

$400 - 30 = \dots\dots$

$10 - 8 = \dots\dots$

$70 - 8 = \dots\dots$

$700 - 8 = \dots\dots$

$700 - 80 = \dots\dots$

$10 - 7 = \dots\dots$

$80 - 7 = \dots\dots$

$800 - 7 = \dots\dots$

$800 - 70 = \dots\dots$

$10 - 4 = \dots\dots$

$50 - 4 = \dots\dots$

$500 - 4 = \dots\dots$

$500 - 40 = \dots\dots$

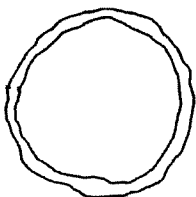
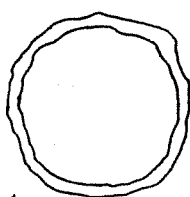
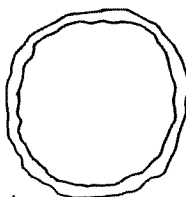
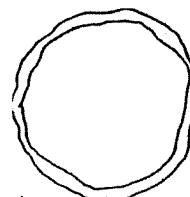
2 Verdeel de pizza's. Teken de stukken erin en kleur ze.

Ik wil een halve.

Tom een derde.

Jelle een vierde.

Loebna een achtste.

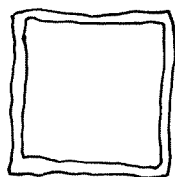
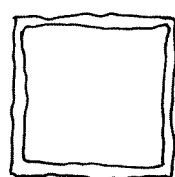
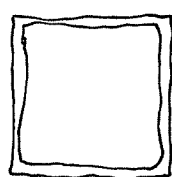
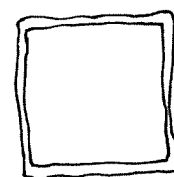
 $\frac{1}{2}$ pizza $\frac{1}{3}$ pizza $\frac{1}{4}$ pizza $\frac{1}{8}$ pizza

Sofie wil een halve.

Wim een vierde.

Anouk een achtste.

Susan een derde.

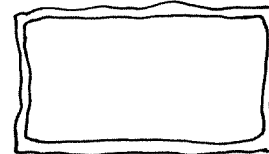
 $\frac{1}{2}$ pizza $\frac{1}{4}$ pizza $\frac{1}{8}$ pizza $\frac{1}{3}$ pizza

Anna wil een derde.

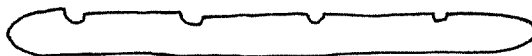
Koos een zesde.

Mustafa een vierde.

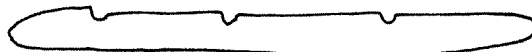
Sergio een vijfde.

 $\frac{1}{3}$ pizza $\frac{1}{6}$ pizza $\frac{1}{4}$ pizza $\frac{1}{5}$ pizza**3 Verdeel de stokbroden. Teken de stukken erin en kleur ze.**

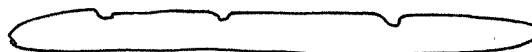
Mohammed wil een derde.

 $\frac{1}{3}$ stokbrood

Winfrid een vierde.

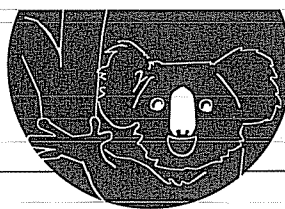
 $\frac{1}{4}$ stokbrood

Wendy wil een zesde.

 $\frac{1}{6}$ stokbrood

Djamell een vijfde.

 $\frac{1}{5}$ stokbrood



1 Hoeveel keer?

$36 = \dots \times 4$

$12 = \dots \times 4$

$24 = \dots \times 8$

$54 = \dots \times 9$

$32 = \dots \times 8$

$40 = \dots \times 8$

$42 = \dots \times 7$

$14 = \dots \times 7$

$45 = \dots \times 9$

$72 = \dots \times 9$

$24 = \dots \times 6$

$35 = \dots \times 7$

$25 = \dots \times 5$

$48 = \dots \times 8$

$49 = \dots \times 7$

$81 = \dots \times 9$

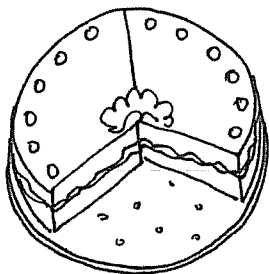
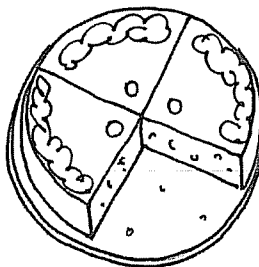
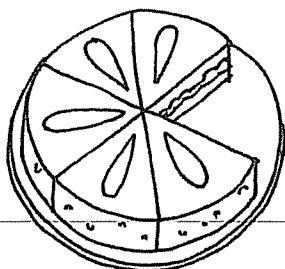
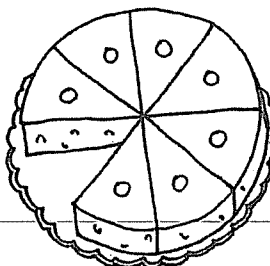
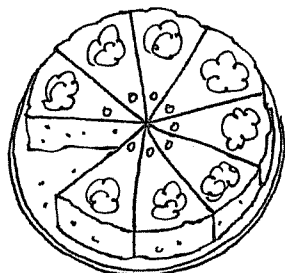
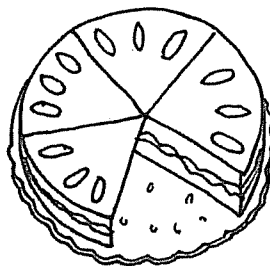
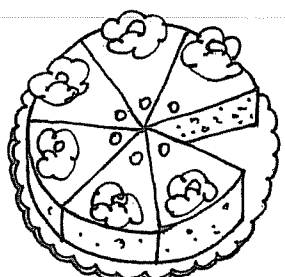
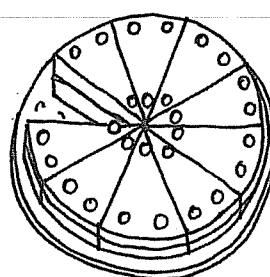
$36 = \dots \times 6$

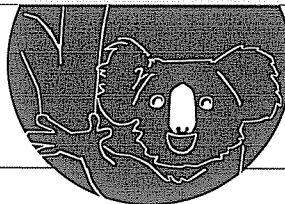
$30 = \dots \times 3$

$21 = \dots \times 7$

$27 = \dots \times 9$

2 Hoeveel stukken weg?

Hele taart: $\frac{3}{3}$ Over: $\frac{2}{3}$ Weg: $\frac{1}{3}$ Hele taart: $\frac{4}{4}$ Over: $\frac{3}{4}$ Weg: $\frac{1}{4}$ Hele taart: $\frac{6}{6}$ Over: $\frac{5}{6}$ Weg: $\frac{1}{6}$ Hele taart: $\frac{8}{8}$ Over: $\frac{7}{8}$ Weg: $\frac{1}{8}$ Hele taart: $\frac{9}{9}$ Over: $\frac{8}{9}$ Weg: $\frac{1}{9}$ Hele taart: $\frac{5}{5}$ Over: $\frac{4}{5}$ Weg: $\frac{1}{5}$ Hele taart: $\frac{7}{7}$ Over: $\frac{6}{7}$ Weg: $\frac{1}{7}$ Hele taart: $\frac{10}{10}$ Over: $\frac{9}{10}$ Weg: $\frac{1}{10}$

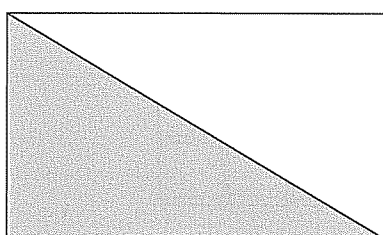


1 Reken uit.

$3 \times 3 = \dots\dots$	$4 \times 7 = \dots\dots$	$4 \times 8 = \dots\dots$	$3 \times 7 = \dots\dots$
$6 \times 7 = \dots\dots$	$8 \times 9 = \dots\dots$	$8 \times 8 = \dots\dots$	$5 \times 8 = \dots\dots$
$2 \times 6 = \dots\dots$	$5 \times 7 = \dots\dots$	$5 \times 6 = \dots\dots$	$9 \times 9 = \dots\dots$
$6 \times 4 = \dots\dots$	$3 \times 7 = \dots\dots$	$4 \times 4 = \dots\dots$	$8 \times 7 = \dots\dots$
$9 \times 2 = \dots\dots$	$6 \times 8 = \dots\dots$	$4 \times 9 = \dots\dots$	$7 \times 8 = \dots\dots$

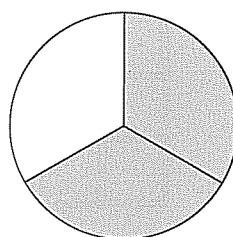


2 Hoe groot zijn de stukken?



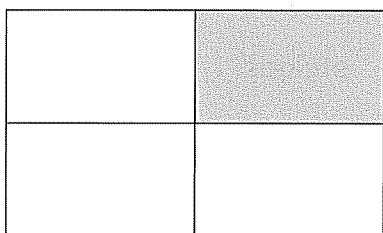
Grijs: $\frac{1}{2}$

Wit: $\frac{1}{2}$



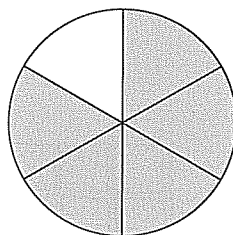
Grijs: $\frac{2}{3}$

Wit: $\frac{1}{3}$



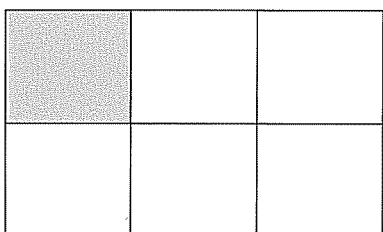
Grijs: $\frac{1}{4}$

Wit: $\frac{3}{4}$



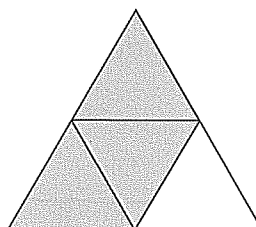
Grijs: $\frac{4}{6}$

Wit: $\frac{2}{6}$



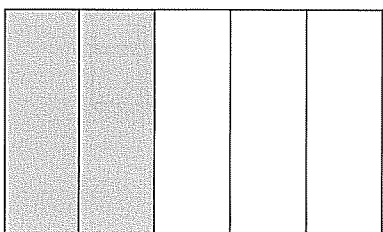
Grijs: $\frac{1}{6}$

Wit: $\frac{5}{6}$



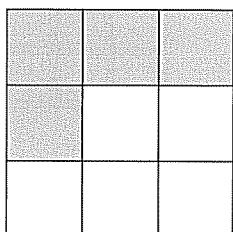
Grijs: $\frac{2}{4}$

Wit: $\frac{2}{4}$



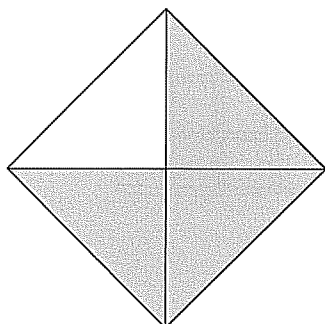
Grijs: $\frac{2}{5}$

Wit: $\frac{3}{5}$



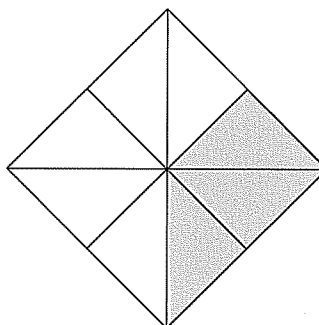
Grijs: $\frac{2}{9}$

Wit: $\frac{7}{9}$



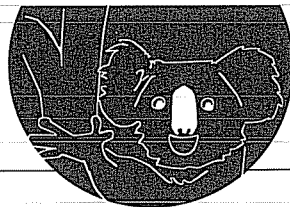
Grijs: $\frac{2}{4}$

Wit: $\frac{2}{4}$



Grijs: $\frac{2}{8}$

Wit: $\frac{6}{8}$



1 Vlekkensommen.

$36 : \text{ } = 6$

$\text{ } : 8 = 7$

$\text{ } : 4 = 7$

$54 : \text{ } = 9$

$64 : 8 = \text{ }$

$24 : \text{ } = 8$

$72 : 8 = \text{ }$

$63 : \text{ } = 9$

$14 : \text{ } = 7$

$\text{ } : 8 = 6$

$\text{ } : 9 = 3$

$42 : \text{ } = 7$

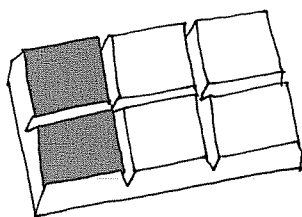
$21 : \text{ } = 7$

$\text{ } : 9 = 4$

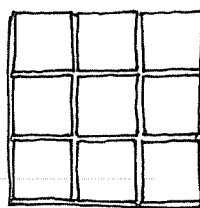
$12 : 4 = \text{ }$



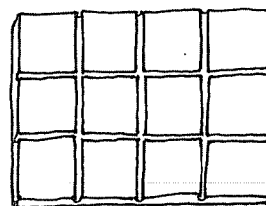
2 Hoeveel stukjes chocola? Kleur en vul in.



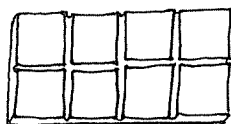
$\frac{1}{3}$ deel van 6 stukjes is
..... stukjes.



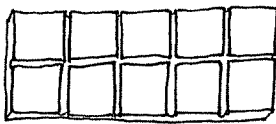
$\frac{1}{3}$ deel is
..... stukjes.



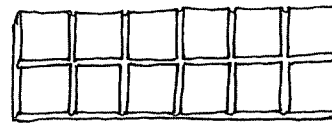
$\frac{1}{3}$ deel is
..... stukjes.



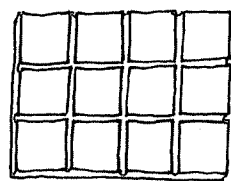
$\frac{1}{4}$ deel is
..... stukjes.



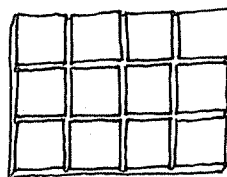
$\frac{1}{5}$ deel is
..... stukjes.



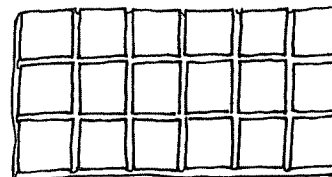
$\frac{1}{6}$ deel is
..... stukjes.



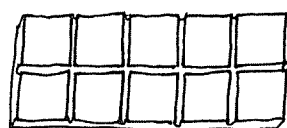
$\frac{1}{3}$ deel is
..... stukjes.



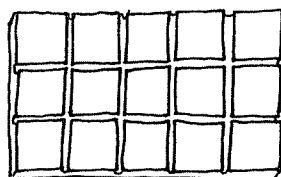
$\frac{1}{4}$ deel is
..... stukjes.



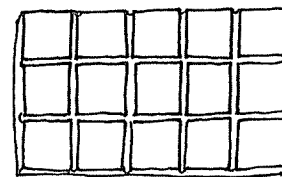
$\frac{1}{6}$ deel is
..... stukjes.



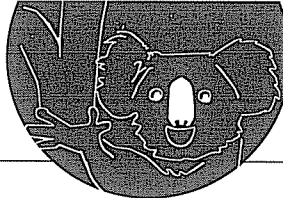
$\frac{1}{2}$ deel is
..... stukjes.



$\frac{1}{3}$ deel is
..... stukjes.



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



1 Delen met rest.

$47 : 6 = \dots \text{ rest } \dots$

$25 : 3 = \dots \text{ rest } \dots$

$39 : 6 = \dots \text{ rest } \dots$

$27 : 5 = \dots \text{ rest } \dots$

$39 : 7 = \dots \text{ rest } \dots$

$42 : 5 = \dots \text{ rest } \dots$

$28 : 3 = \dots \text{ rest } \dots$

$66 : 9 = \dots \text{ rest } \dots$

$34 : 7 = \dots \text{ rest } \dots$

$83 : 9 = \dots \text{ rest } \dots$

$17 : 2 = \dots \text{ rest } \dots$

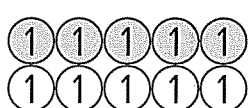
$20 : 3 = \dots \text{ rest } \dots$

$29 : 4 = \dots \text{ rest } \dots$

$44 : 8 = \dots \text{ rest } \dots$

$25 : 6 = \dots \text{ rest } \dots$

2 Hoeveel euro? Kleur en vul in.

 $\frac{1}{2}$ deel is

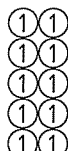
$10 : 2 = \dots \text{ euro.}$

 $\frac{1}{4}$ deel is

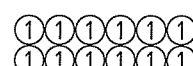
$8 : 4 = \dots \text{ euro.}$

 $\frac{1}{3}$ deel is

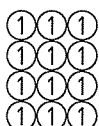
$9 : 3 = \dots \text{ euro.}$

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

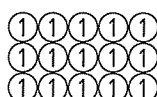
$10 : 5 = \dots \text{ euro.}$

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

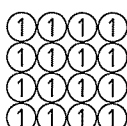
$12 : 6 = \dots \text{ euro.}$

 $\frac{1}{3}$ deel is

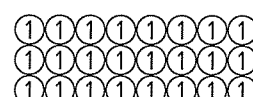
$12 : 3 = \dots \text{ euro.}$

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

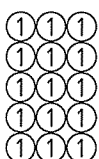
$15 : 5 = \dots \text{ euro.}$

 $\frac{1}{4}$ deel is

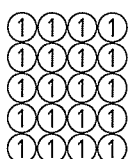
$16 : 4 = \dots \text{ euro.}$

 $\frac{1}{8}$ deel is

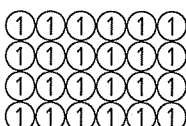
$24 : 8 = \dots \text{ euro.}$

 $\frac{1}{3}$ deel is

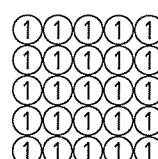
$15 : 3 = \dots \text{ euro.}$

 $\frac{1}{4}$ deel is

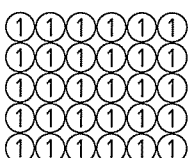
$20 : 4 = \dots \text{ euro.}$

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

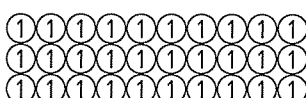
$24 : 6 = \dots \text{ euro.}$

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

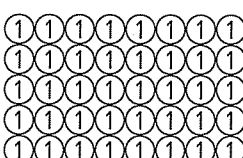
$25 : 5 = \dots \text{ euro.}$

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

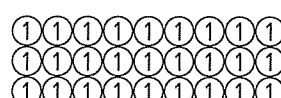
$30 : 6 = \dots \text{ euro.}$

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

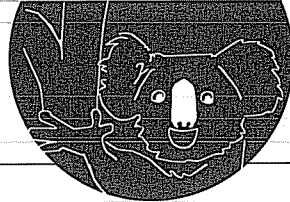
$30 : 10 = \dots \text{ euro.}$

 $\frac{1}{8}$ deel is

$40 : 8 = \dots \text{ euro.}$

 $\frac{1}{9}$ deel is

$27 : 9 = \dots \text{ euro.}$



1 Tel steeds 5 terug.

315 - 310 - - -

208 - - - -

412 - - - -

919 - - - -

509 - - - -

811 - - - -

604 - - - -

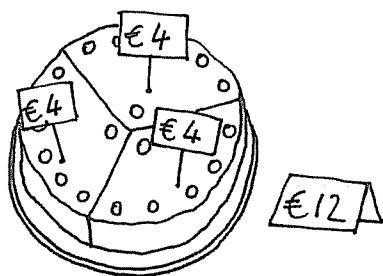
423 - - - -

716 - - - -

114 - - - -



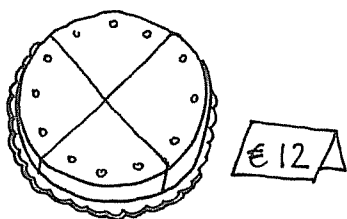
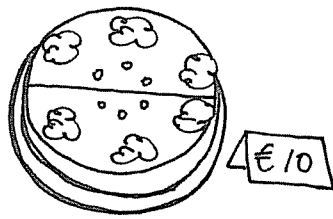
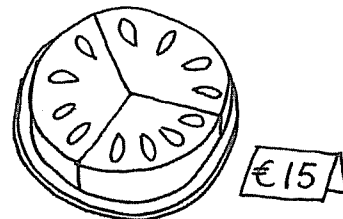
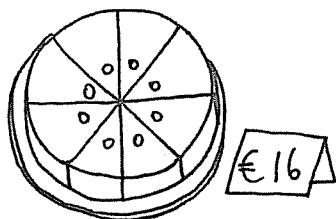
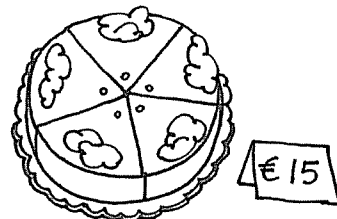
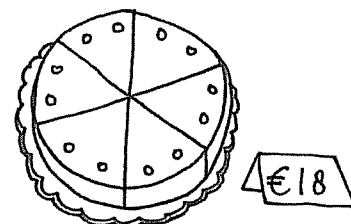
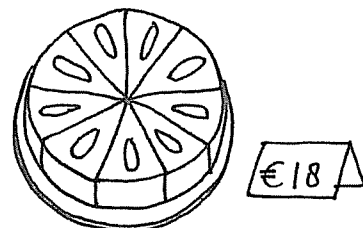
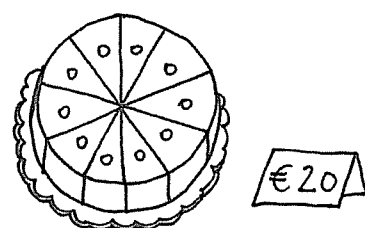
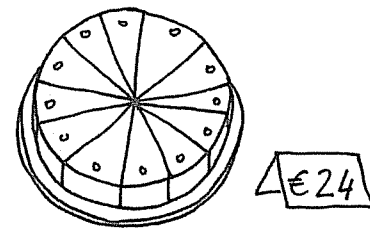
2 Hoeveel kosten de stukken taart?

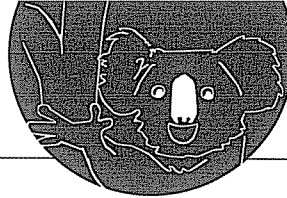


De hele taart kost € 12.

 $\frac{1}{3}$ deel kost $€ 12 : 3 = € \dots\dots$

Kleur de stukken en reken uit wat ze kosten.

 $\frac{1}{4}$ deel kost $€ 12 : 4 = € \dots\dots$  $\frac{1}{2}$ deel kost $€ 10 : 2 = € \dots\dots$  $\frac{1}{3}$ deel kost $€ 15 : 3 = € \dots\dots$  $\frac{1}{8}$ deel kost $€ 16 : 8 = € \dots\dots$  $\frac{1}{5}$ deel kost $€ 15 : 5 = € \dots\dots$  $\frac{1}{6}$ deel kost $€ 18 : 6 = € \dots\dots$  $\frac{1}{9}$ deel kost € $\frac{1}{10}$ deel kost € $\frac{1}{12}$ deel kost €



1 Schatten. Welk getal ligt het dichtst bij het antwoord?

Kies uit: 100 - 200 - 300 - 400 - 500 - 600 - 700 - 800 - 900 - 1000

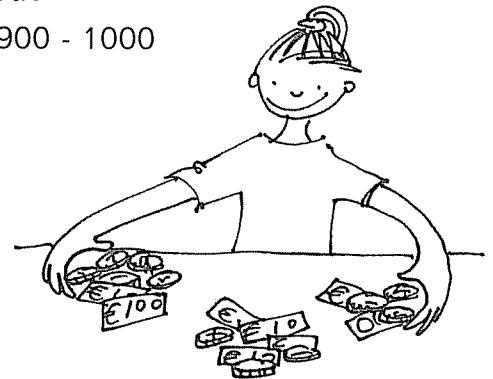
$$312 + 189 + 204 \approx \dots\dots\dots 201 + 389 + 92 \approx \dots\dots\dots$$

$$407 + 192 + 110 \approx \dots\dots\dots 187 + 406 + 214 \approx \dots\dots\dots$$

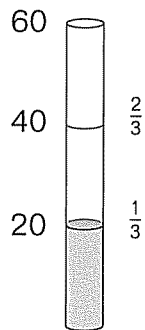
$$513 + 208 + 88 \approx \dots\dots\dots 410 + 195 + 196 \approx \dots\dots\dots$$

$$286 + 215 + 293 \approx \dots\dots\dots 388 + 93 + 216 \approx \dots\dots\dots$$

$$194 + 498 + 298 \approx \dots\dots\dots 514 + 293 + 185 \approx \dots\dots\dots$$

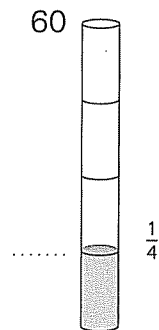


2 Hoeveel geld zit er in de buis? Er past 60 euro in.



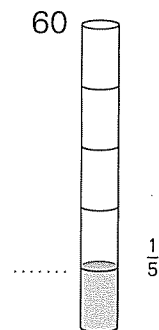
$\frac{1}{3}$ deel is

$60 : 3 =$
..... euro.



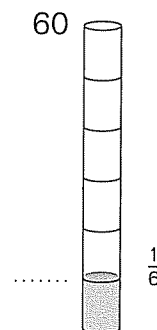
$\frac{1}{4}$ deel is

$60 : 4 =$
..... euro.



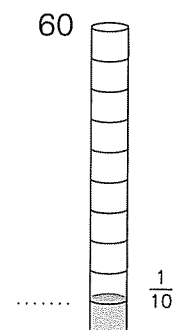
$\frac{1}{5}$ deel is

$60 : 5 =$
..... euro.



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

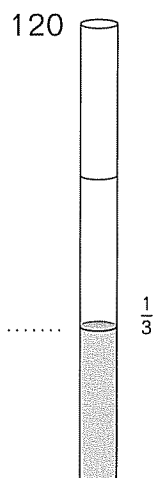
$60 : 6 =$
..... euro.



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

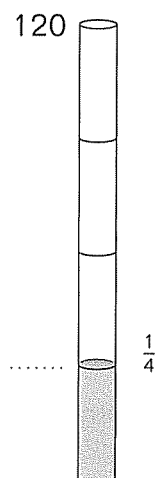
$60 : 10 =$
..... euro.

3 Hoeveel geld zit er in de buis? Er past 120 euro in.



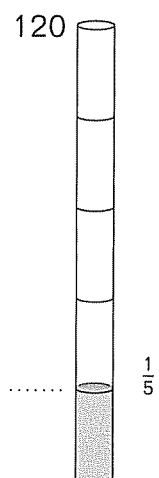
$\frac{1}{3}$ deel is

..... euro.



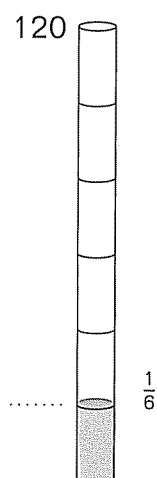
$\frac{1}{4}$ deel is

..... euro.



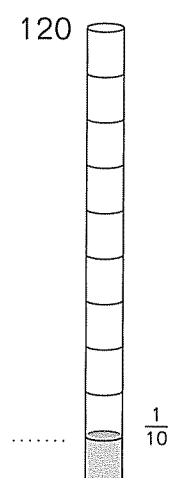
$\frac{1}{5}$ deel is

..... euro.



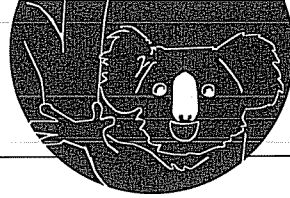
$\frac{1}{6}$ deel is

..... euro.



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

..... euro.

**1 Schatten. Welk getal ligt het dichtst bij het antwoord?**

Kies uit: 100 - 200 - 300 - 400 - 500 - 600 - 700 - 800 - 900 - 1000

$807 - 112 \approx \dots\dots$

$779 - 303 \approx \dots\dots$

$509 - 98 \approx \dots\dots$

$604 - 312 \approx \dots\dots$

$712 - 509 \approx \dots\dots$

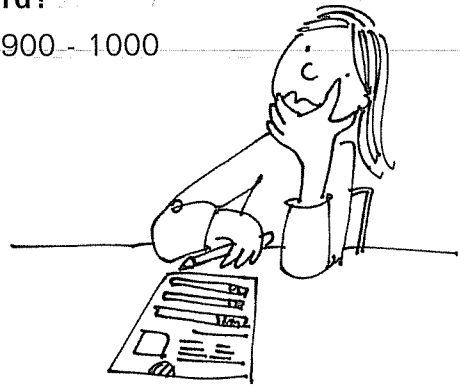
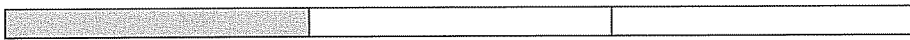
$577 - 89 \approx \dots\dots$

$376 - 288 \approx \dots\dots$

$609 - 299 \approx \dots\dots$

$993 - 489 \approx \dots\dots$

$888 - 679 \approx \dots\dots$

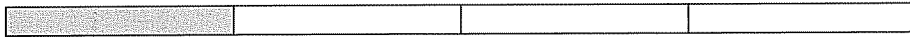
**2 Hoeveel kilometer is het?**

0

15 km

$15 : 3 = \dots\dots$

$\frac{1}{3}$ van 15 is $\dots\dots$



0

20 km

$20 : 4 = \dots\dots$

$\frac{1}{4}$ van 20 is $\dots\dots$

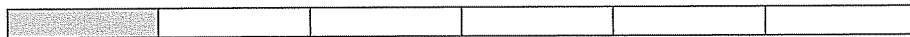


0

100 km

$100 : 5 = \dots\dots$

$\frac{1}{5}$ van 100 is $\dots\dots$

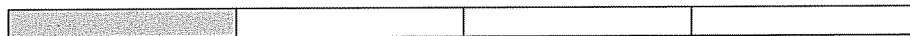


0

120 km

$120 : 6 = \dots\dots$

$\frac{1}{6}$ van 120 is $\dots\dots$



0

80 km

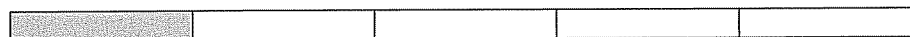
$\frac{1}{4}$ van 80 is $\dots\dots$



0

90 km

$\frac{1}{3}$ van 90 is $\dots\dots$



0

200 km

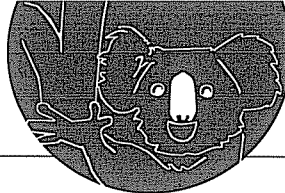
$\frac{1}{5}$ van 200 is $\dots\dots$



0

200 km

$\frac{1}{10}$ van 200 is $\dots\dots$



1 Hoeveel kost het ongeveer?

De prijs van: 2 kaartjes ligt tussen € en €

4 kaartjes ligt tussen € en €

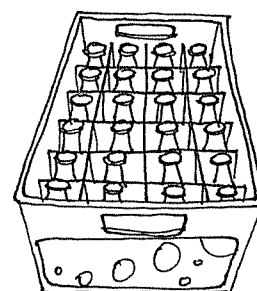
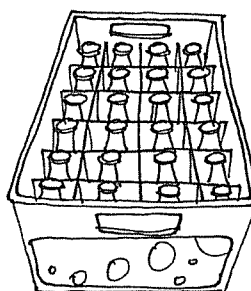
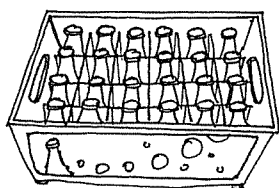
8 kaartjes ligt tussen € en €

5 kaartjes ligt tussen € en €

6 kaartjes ligt tussen € en €



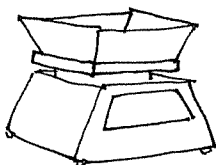
2 Hoeveel flesjes zijn er leeg?



Aantal flesjes:	Daarvan is leeg:	Dat zijn dus:
24	$\frac{1}{2}$ deel	12 flesjes
24	$\frac{1}{3}$ deel	 flesjes
24	$\frac{1}{4}$ deel	 flesjes
24	$\frac{1}{6}$ deel	 flesjes
24	$\frac{1}{8}$ deel	 flesjes

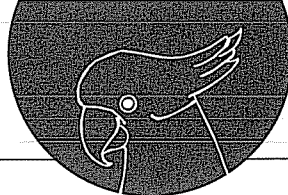
Aantal flesjes:	Daarvan is leeg:	Dat zijn dus:
48	$\frac{1}{2}$ deel	 flesjes
48	$\frac{1}{3}$ deel	 flesjes
48	$\frac{1}{4}$ deel	 flesjes
48	$\frac{1}{6}$ deel	 flesjes
48	$\frac{1}{8}$ deel	 flesjes

3 Hoeveel gram? Of hoeveel centimeter?



Gewicht:	Je hebt nodig:	Dat is:
200 g	$\frac{1}{4}$ deel	50 g
200 g	$\frac{1}{5}$ deel	 g
600 g	$\frac{1}{10}$ deel	 g
1000 g	$\frac{1}{2}$ deel	 g
1000 g	$\frac{1}{5}$ deel	 g

Lengte:	Je hebt nodig:	Dat is:
100 cm	$\frac{1}{5}$ deel	 cm
200 cm	$\frac{1}{4}$ deel	 cm
300 cm	$\frac{1}{3}$ deel	 cm
500 cm	$\frac{1}{10}$ deel	 cm
1000 cm	$\frac{1}{100}$ deel	 cm



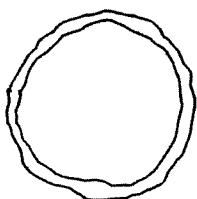
1 Hoeveel kilometer in totaal gereden?

Eerste dag:	Tweede dag:	In totaal:
471 km	385 km	 km
573 km	364 km	 km
345 km	467 km	 km

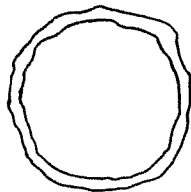
Eerste dag:	Tweede dag:	In totaal:
376 km	589 km	 km
438 km	283 km	 km
292 km	354 km	 km

2 Verdeel de pizza's. Teken de stukken erin en kleur ze.

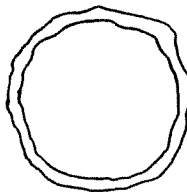
Ik wil twee derde.

 $\frac{2}{3}$ pizza

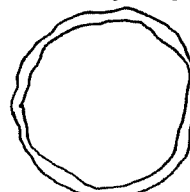
Ma drie zesde.

 $\frac{3}{6}$ pizza

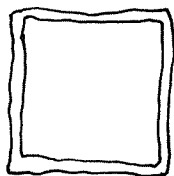
Pa drie vierde.

 $\frac{3}{4}$ pizza

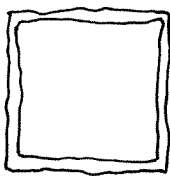
Broertje vijf achtste.

 $\frac{5}{8}$ pizza

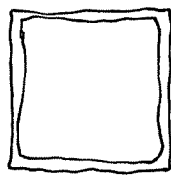
Zusje wil twee derde. Nichtje vijf zesde.

 $\frac{2}{3}$ pizza

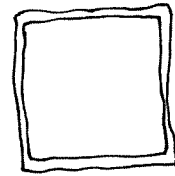
Nichtje vijf zesde.

 $\frac{5}{6}$ pizza

Neefje twee vierde.

 $\frac{2}{4}$ pizza

Broer drie achtste.

 $\frac{3}{8}$ pizza

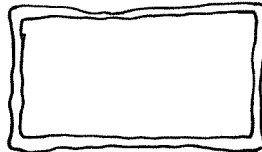
Zus wil twee derde.

 $\frac{2}{3}$ pizza

Tante twee zesde.

 $\frac{2}{6}$ pizza

Oom twee vierde.

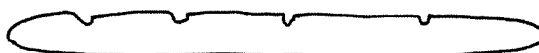
 $\frac{2}{4}$ pizza

Neef twee achtste.

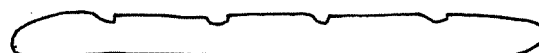
 $\frac{2}{8}$ pizza

3 Verdeel de stokbroden. Teken de stukken erin en kleur ze.

David wil twee derde.

 $\frac{2}{3}$ stokbrood

Jorien drie vierde.

 $\frac{3}{4}$ stokbrood

Yoessef wil vier zesde.

 $\frac{4}{6}$ stokbrood

Gijs zes achtste.

 $\frac{6}{8}$ stokbrood