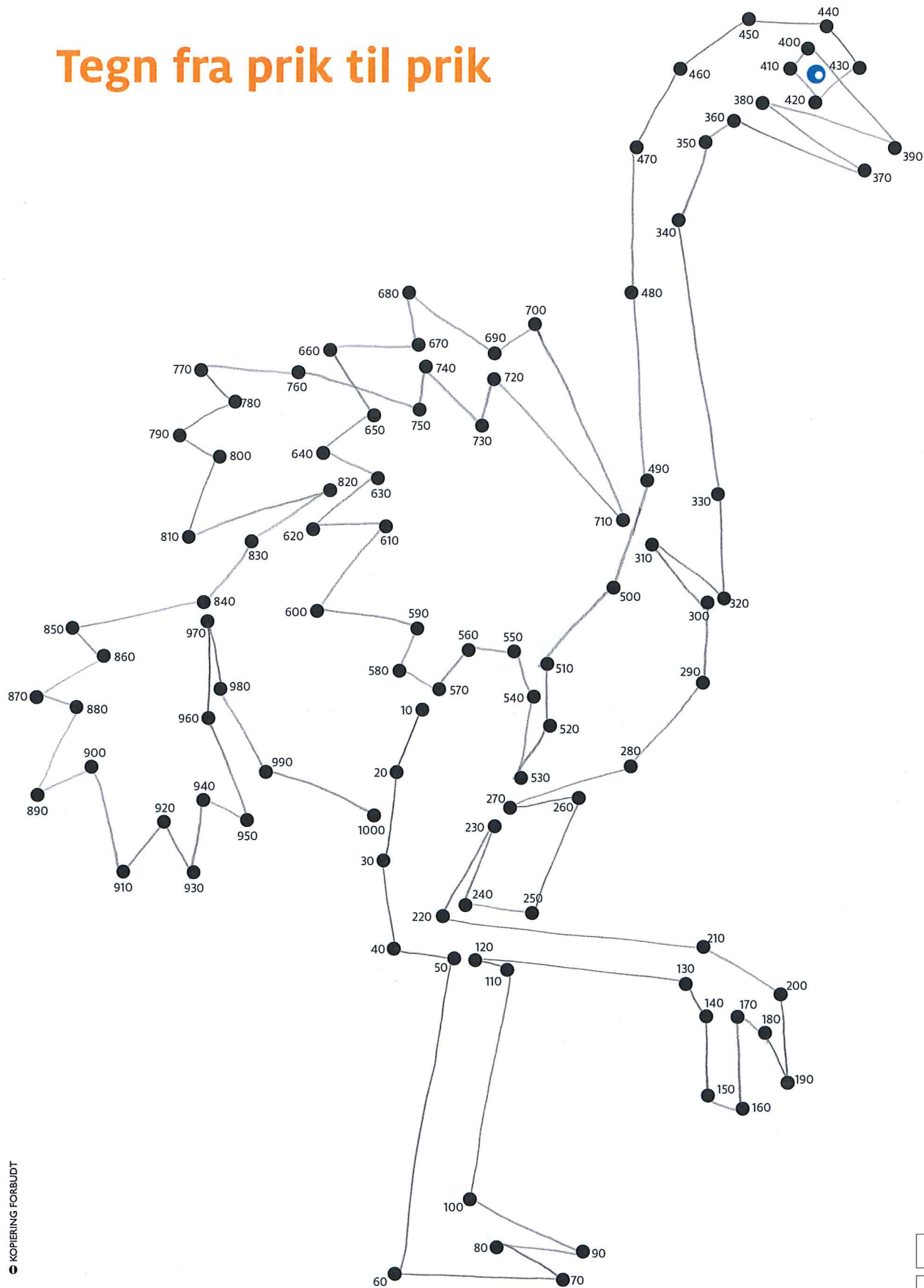
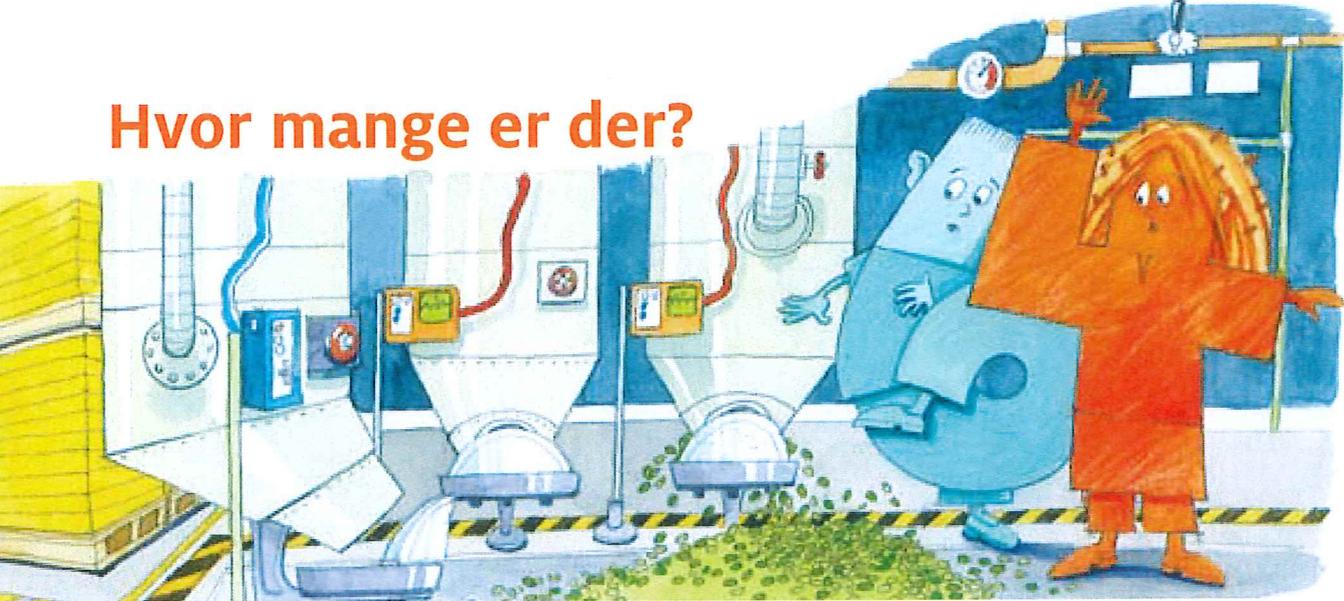


Tegn fra prik til prik





Hvor mange er der?



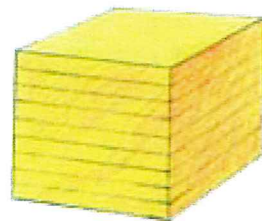
1 knap



10 knapper



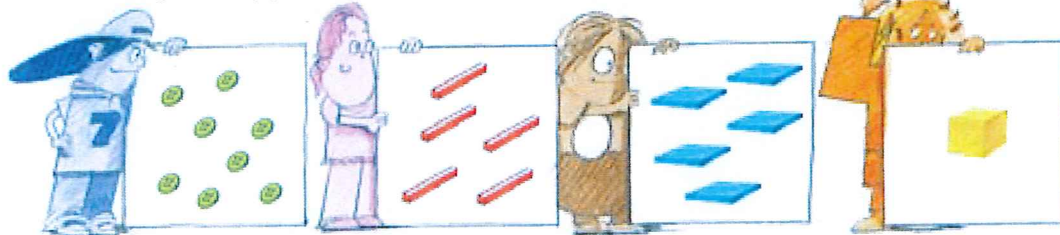
100 knapper



1000 knapper

1

Hvor mange knapper?



0 0 0 8

1000 100 10 1

0 0 5 0

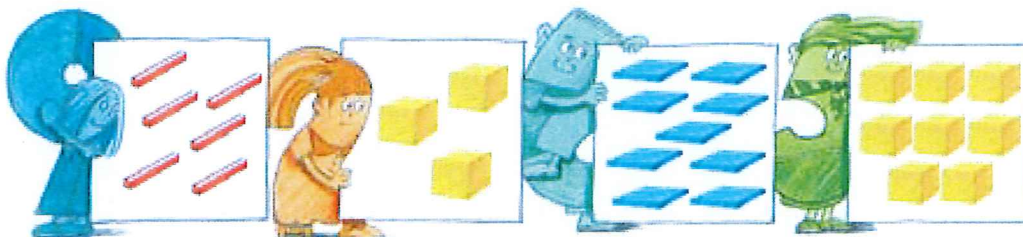
1000 100 10 1

0 5 0 0

1000 100 10 1

1 0 0 0

1000 100 10 1



0 0 6 0

1000 100 10 1

3 0 0 0

1000 100 10 1

0 9 0 0

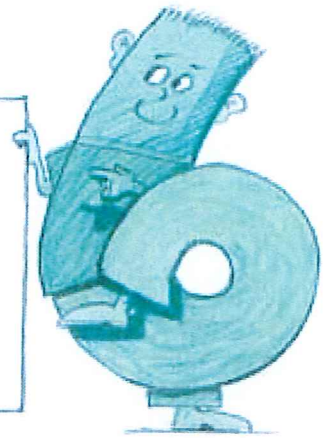
1000 100 10 1

8 0 0 0

1000 100 10 1



$3 \text{ kasser} = 3000$
 $2 \text{ plader} = 200$
 $5 \text{ rør} = 50$
 $4 \text{ knapper} = 4$



2

Hvor mange knapper?

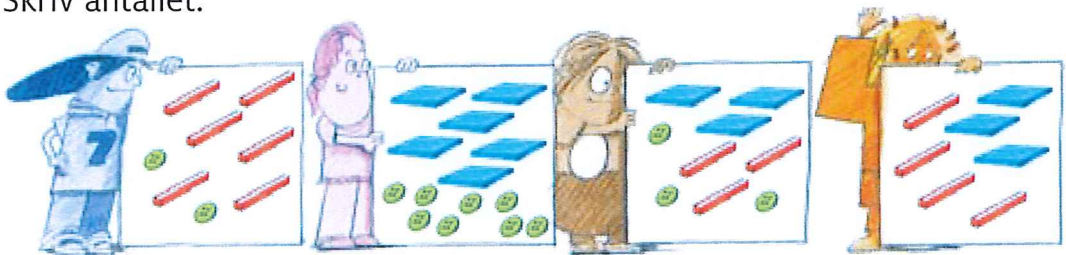
$3 \text{ rør} = 30$
 $9 \text{ rør} = 90$
 $5 \text{ rør} = 50$

$1 \text{ plade} = 100$
 $5 \text{ plader} = 500$
 $7 \text{ plader} = 700$

$2 \text{ kasser} = 2000$
 $8 \text{ kasser} = 8000$
 $4 \text{ kasser} = 4000$

3

Skriv antallet.

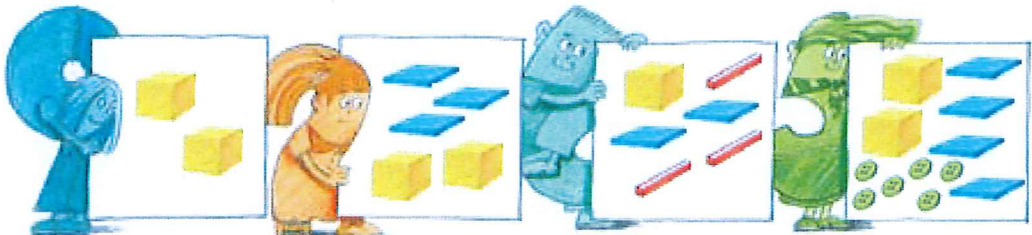


		6	2
1000	100	10	1

	6	0	8
1000	100	10	1

	3	3	3
1000	100	10	1

	3	4	0
1000	100	10	1



2	0	0	0
1000	100	10	1

2	3	0	0
1000	100	10	1

1	2	3	0
1000	100	10	1

2	4	0	6
1000	100	10	1

4

Skriv antallet.

		4	6
1000	100	10	1

		6	8
1000	100	10	1

	2	5	0
1000	100	10	1

	2	3	6
1000	100	10	1

	1	4	0	7
1000	100	10	1	





	4	5	0	0
1000	100	10	1	

	2	3	7	4
1000	100	10	1	

	2	0	4	9
1000	100	10	1	

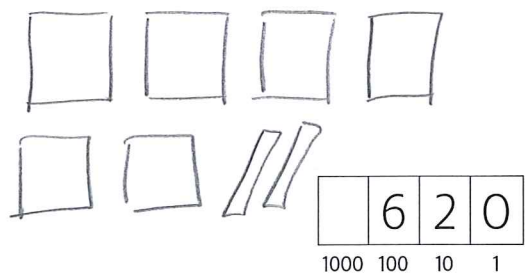
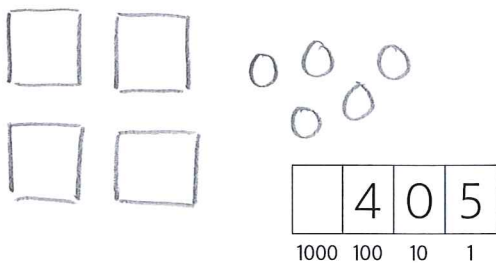
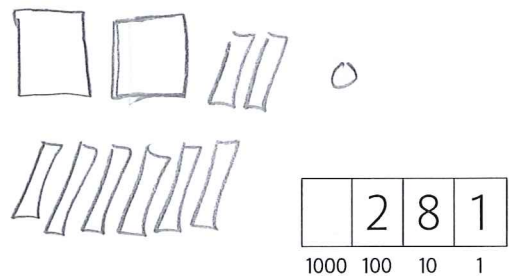
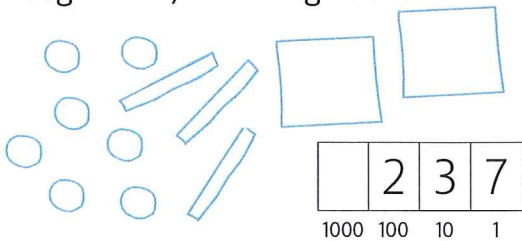
5

Hvor mange knapper i alt?

				Knapper i alt
	6	7		670
	4		3	403
	2	8	1	281
	5	8		580
	3	6		360
1		8	1	1081
		5		50
1	6		3	1603

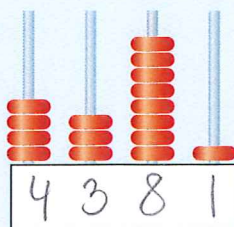
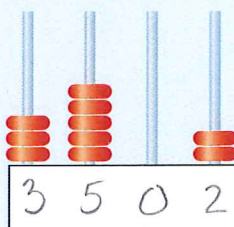
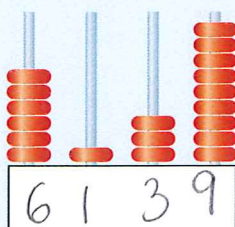
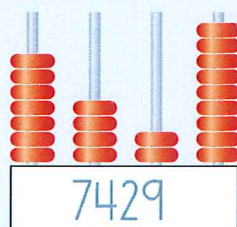
6

Tegn 1'ere, 10'ere og 100'r.



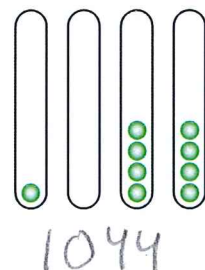
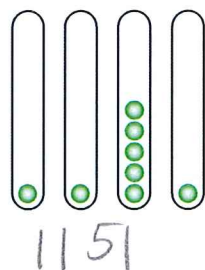
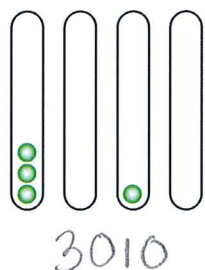
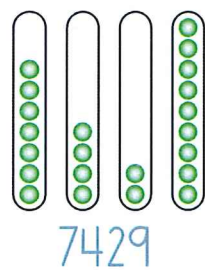
7

Skriv tallet.



8

Skriv tallet.



9

Hvad sker der med tallet?

	+1	+10	+100	+1000
4783	4784	4794	4894	5894
2126	2127	2137	2237	3237
4561	4562	4572	4672	5672
1000	1001	1011	1111	2111

10

Plus med 10, 100 eller 1000.

$$128 + 10 = \underline{138} \quad 3010 + 1000 = \underline{4010}$$

$$68 + 100 = \underline{168} \quad 1387 + 1000 = \underline{2387}$$

$$789 + 10 = \underline{799} \quad 4705 + 10 = \underline{4715}$$



KOPIERING FORBUDT

11

Hvad sker der med tallet?

	-1	-10	-100	-1000
2544	2543	2533	2433	1433
4783	4782	4772	4672	3672
2126	2125	2115	2015	1015
4561	4560	4550	4450	3450

12

Minus med 10, 100 eller 1000.

$238 - 1 = \underline{237}$

$604 - 100 = \underline{504}$

$318 - 10 = \underline{308}$

$1017 - 1 = \underline{1016}$

$727 - 10 = \underline{717}$

$429 - 100 = \underline{329}$

$3719 - 10 = \underline{3709}$

$1258 - 1 = \underline{1257}$

$235 - 10 = \underline{225}$

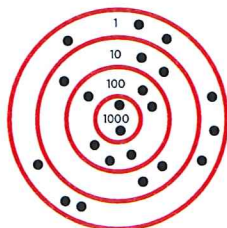
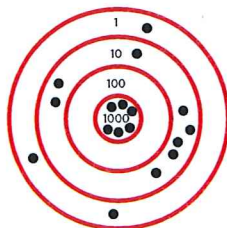
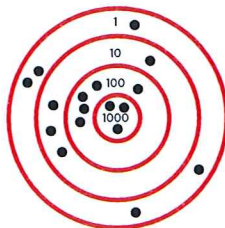
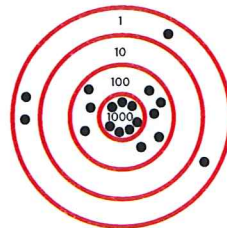
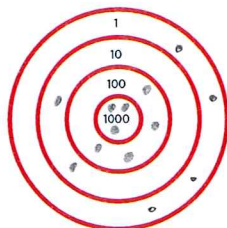
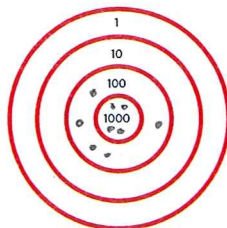
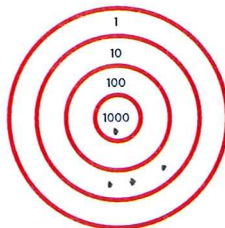
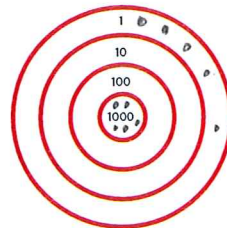
$1017 - 10 = \underline{1007}$

$3414 - 10 = \underline{3404}$

$615 - 100 = \underline{515}$

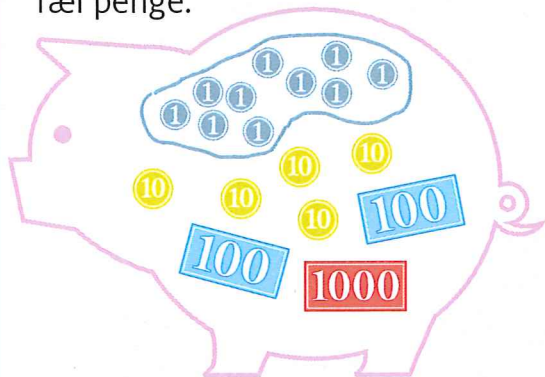
13

Tæl og tegn point.

26596083354578043424450010305005

14

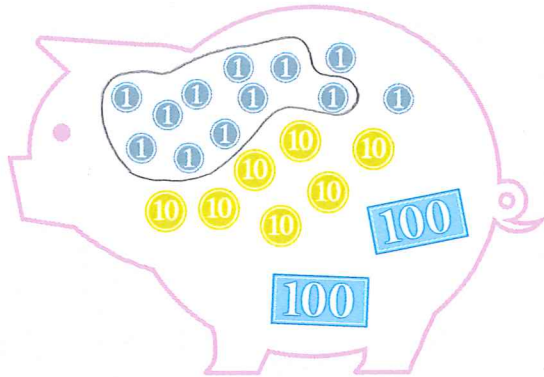
Tæl penge.



I alt

1	2	6	0
---	---	---	---

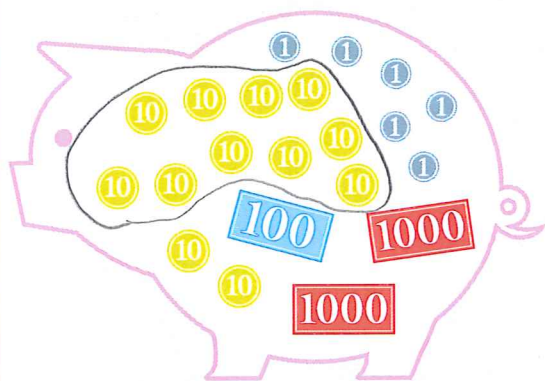
 kr.
1000 100 10 1



I alt

	2	8	2
--	---	---	---

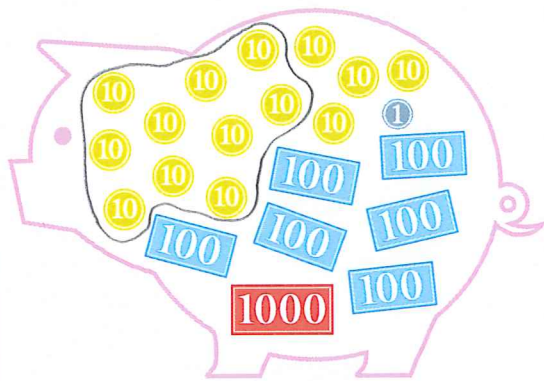
 kr.
1000 100 10 1



I alt

2	2	2	6
---	---	---	---

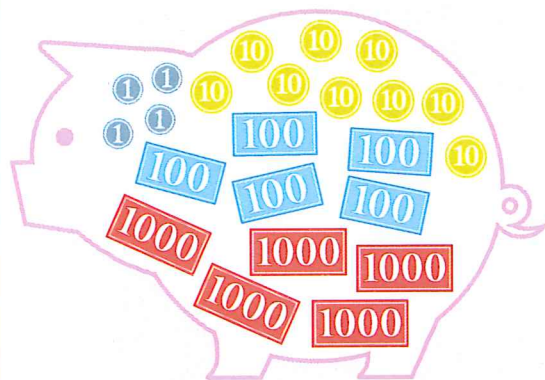
 kr.
1000 100 10 1



I alt

1	7	4	1
---	---	---	---

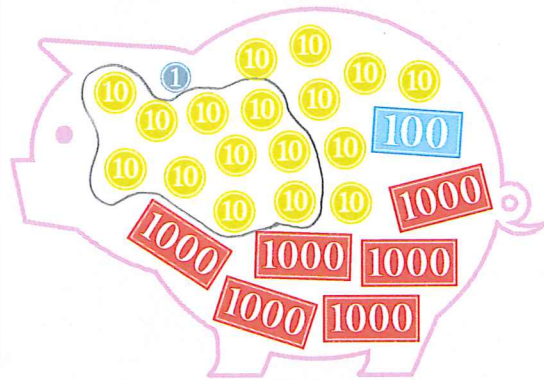
 kr.
1000 100 10 1



I alt

5	5	9	4
---	---	---	---

 kr.



I alt

6	2	7	1
---	---	---	---

 kr.



1 kr.



10 kr.



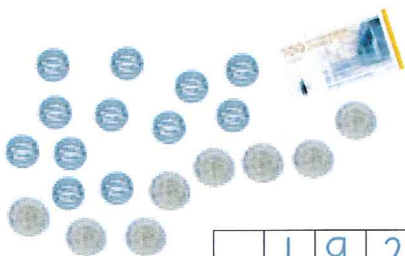
100 kr.



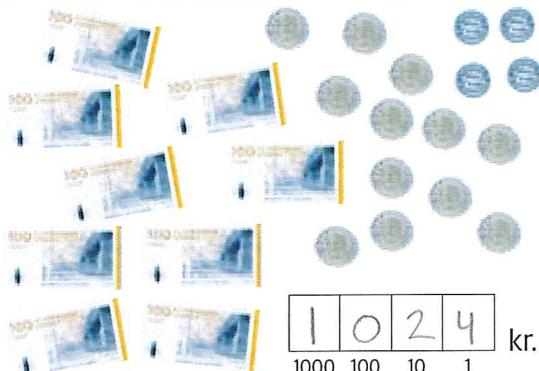
1000 kr.

15

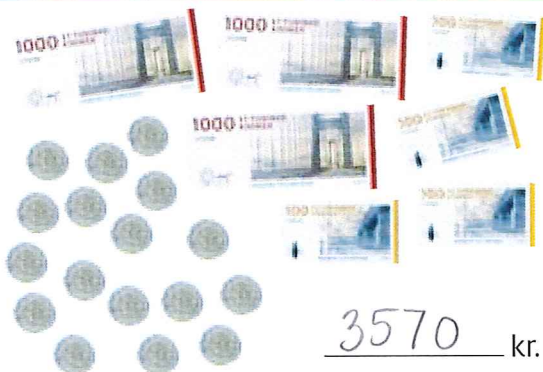
Hvor mange penge i alt?



	1	9	2
1000	100	10	1

 kr.


1	0	2	4
1000	100	10	1

 kr.
528 kr.2183 kr.3570 kr.6100 kr.**GRUBLER**Skriv plus eller minus og tallet. 31

$128 \boxed{+} 200 = 328$

$456 \boxed{-} 300 = 156$

$789 \boxed{+} 2000 = 2789$

$105 \boxed{+} 1000 = 1105$

Hvad er rækkefølgen?



1 Sæt numre i rækkefølge.

73	74	75	76	77	78	79	80	81
97	98	99	100	101	102	103	104	105
345	346	347	348	349	350	351	352	353
596	597	598	599	600	601	602	603	604

2 Hvilke numre kan mangle? *Flere løsninger*

	97		102		110		113	
	225		228			232		236



3

Sæt numrene i rigtig rækkefølge.

807	700	727	707	700	707	727	778	807	887
1012	2112	1001	1202	1001	1012	1112	1202	2013	2112

4

Hvilke numre kan det være? *Flerc løsninger*

303	31__	32__	323	3__5	3__9	343	__19
619	62__	6__7	628	6__8	6__4	649	__8
733	7__1	74__	7__8	74__	7__3	76__	7__8
865	86__	8__8	869	87__	8__4	8__1	88__

5

Brug cifrene 0, 1, 2 og lav tal. Skriv dem i rigtig rækkefølge.

101 210
111

Flerc løsninger

6

Regn og skriv de tal, der mangler.

35	+10	45	+10	55	+100	155	+10	165	+100	265
143	+100	243	+10	253	+100	353	+10	363	+100	463
271	+100	371	+10	381	+10	391	+100	491	+10	501
503	+100	603	+10	613	+10	623	+100	723	+10	733
513	+100	613	+100	713	+10	723	+10	733	+10	743
266	+10	276	+10	286	+10	296	+10	306	+100	406

7

Tegn en vej.

Flere løsninger, fx

5

80

3107

910

40

314

281

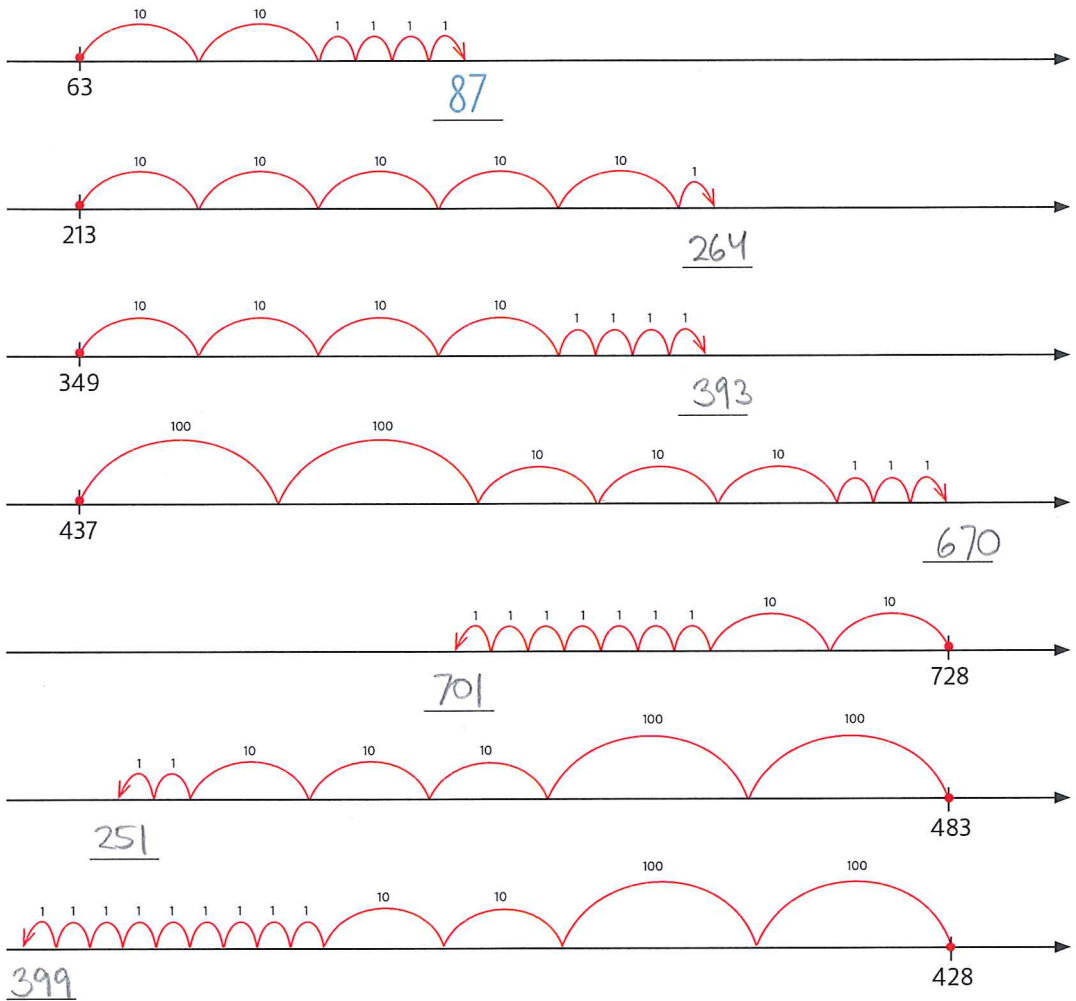
2027

[Empty Box]

[Empty Box]

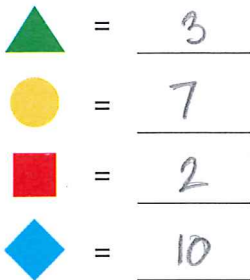
8

Hvor lander du?



GRUBLER

Find tallene bag figureerne. 37 38








				14
				29
				20
17	15	7	24	

- 32
- 33
- 34
- 35
- 36

Hvordan afrunder man?



1 Hvilke mønter betaler du med? *Flere løsninger*

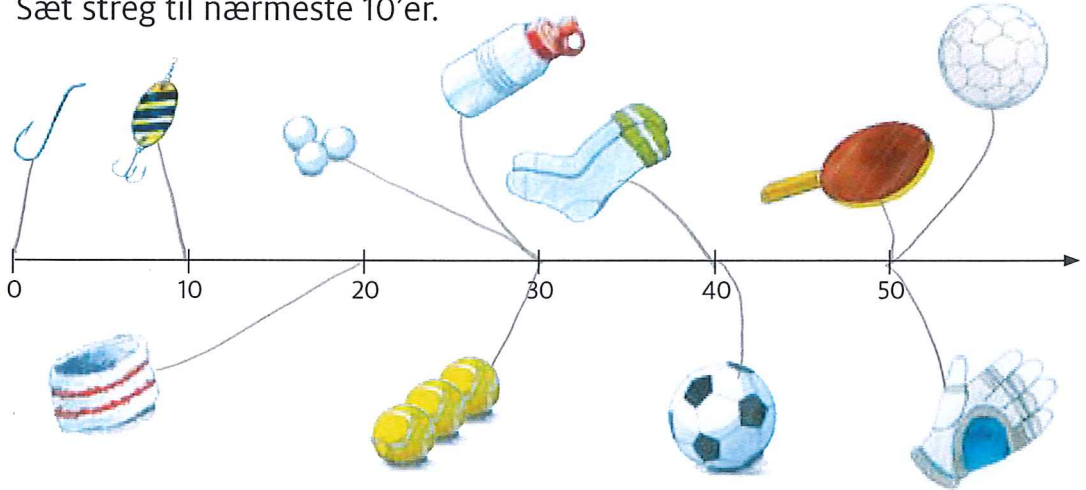
		
		

2 Køb for cirka 60 kr. Skriv og regn. *Flere løsninger*

Grid area for writing and calculations.

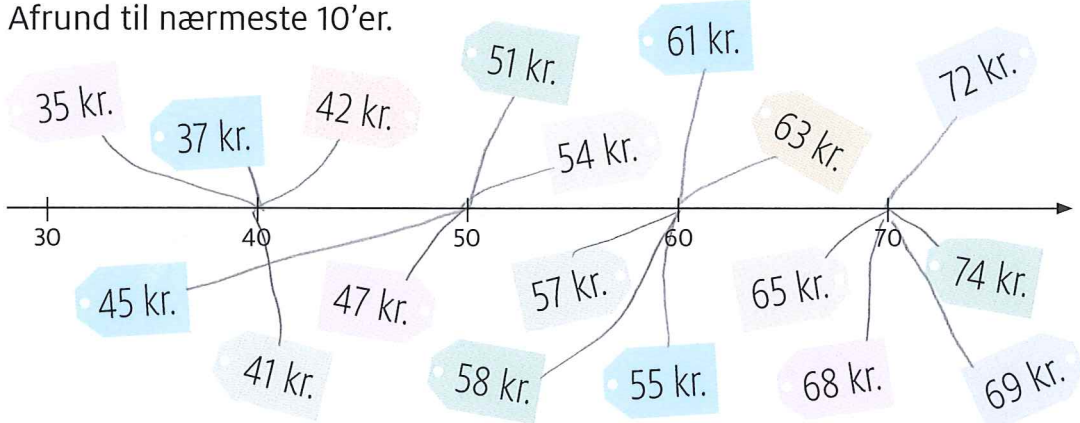
3

Sæt streg til nærmeste 10'er.



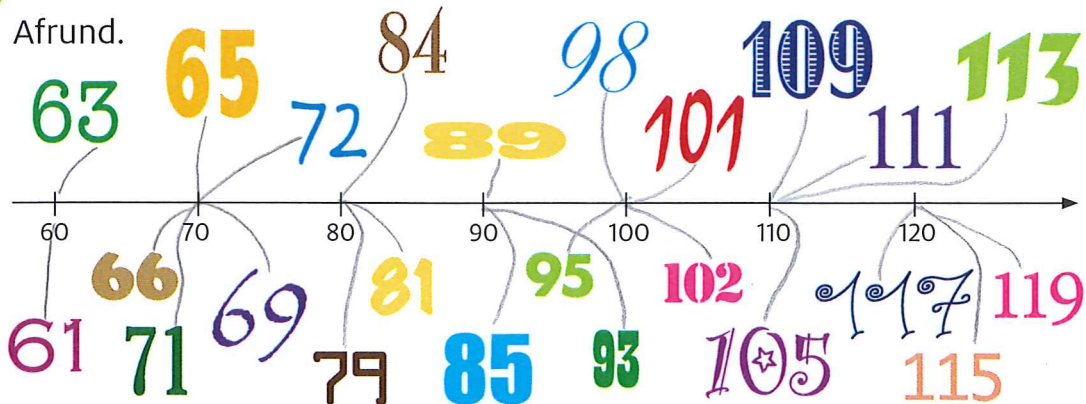
4

Afrund til nærmeste 10'er.



5




Afrund.








6





Hvad koster tingene?

	Pris	Afrund
Sokker 	<u>39</u> kr.	<u>40</u> kr.
Bordtennisbat 	<u>45</u> kr.	<u>50</u> kr.
Bukser 	<u>77</u> kr.	<u>80</u> kr.
Pris i alt	<u>161</u> kr.	<u>170</u> kr.



	Pris	Afrund
Sko 	<u>99</u> kr.	<u>100</u> kr.
Gul bluse 	<u>49</u> kr.	<u>50</u> kr.
Trøje 	<u>83</u> kr.	<u>80</u> kr.
Pris i alt	<u>231</u> kr.	<u>230</u> kr.



	Pris	Afrund
Ketsjer 	<u>103</u> kr.	<u>100</u> kr.
Fodbold 	<u>44</u> kr.	<u>40</u> kr.
Sko 	<u>99</u> kr.	<u>100</u> kr.
Blink 	<u>8</u> kr.	<u>10</u> kr.
Pris i alt	<u>254</u> kr.	<u>250</u> kr.



GRUBLER

Du køber en ballon i Tivoli.
Du betaler med en seddel og fire mønter.
Hvad betaler du?

Flere løsninger



- 39
- 40
- 41
- 42



Får vi det samme?



1

Hvordan regner Tænksomme To og Opfindsomme Otte?

$7 + 16 =$ _____

$16 + 7 =$ _____

2

Regn med tallinjen.

$13 + 4$

$4 + 13$

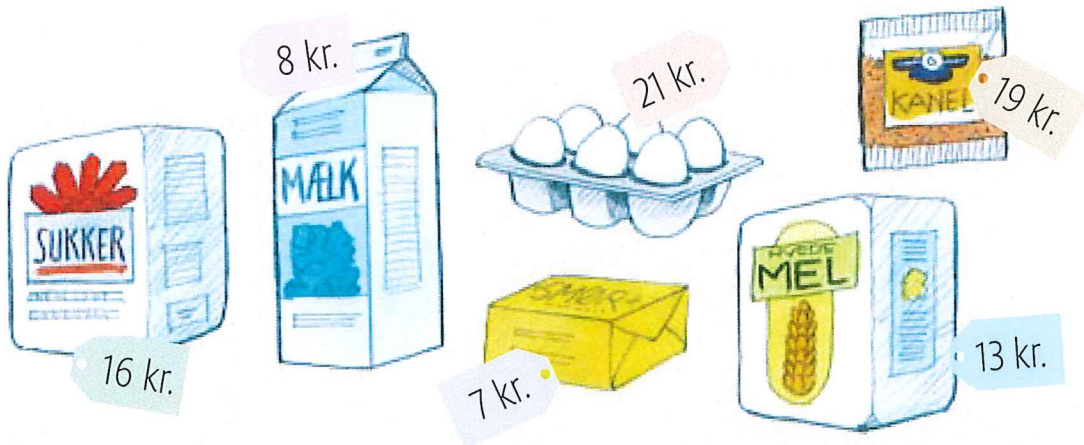
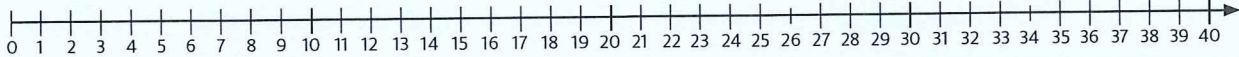
$5 + 18$

$18 + 5$

$23 + 6$


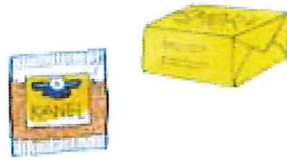


$6 + 23$





3

Hvad koster tingene?

 <p>_____ kr.</p>	 <p>_____ kr.</p>
 <p>_____ kr.</p>	 <p>_____ kr.</p>

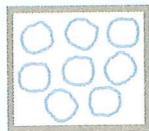
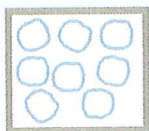
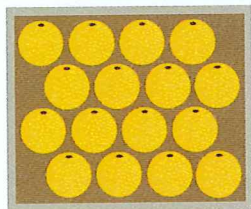
4

Vælg, hvad du køber. Hvad koster tingene? *Flerc løsninger*

<p>Køb 2 ting.</p> <p>_____ kr.</p>	<p>Køb 3 ting.</p> <p>_____ kr.</p>	<p>Køb 4 ting.</p> <p>_____ kr.</p>
-------------------------------------	-------------------------------------	-------------------------------------

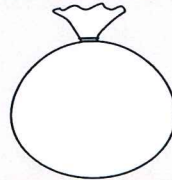
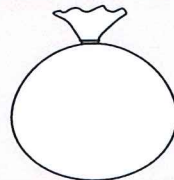
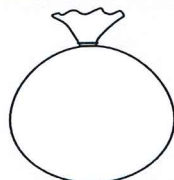
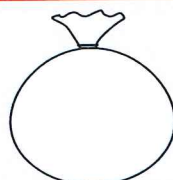
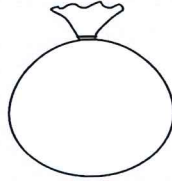
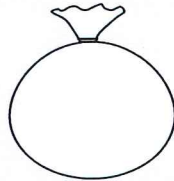
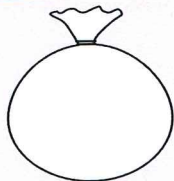
5

Læg 16 appelsiner i to kasser på forskellige måder. *Flerc løsninger*



6

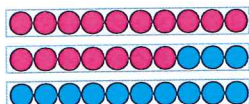
Læg 20 kugler i to poser på forskellige måder. *Flerc løsninger*



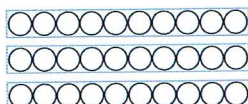
7

Skriv plusstykker, der giver 30. Vis det ved at farve perlerne i rørene. *Flerc løsninger*

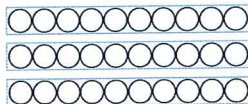
$$17 + 13$$



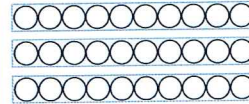
$$\underline{\quad} + \underline{\quad}$$



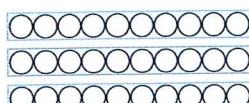
$$\underline{\quad} + \underline{\quad}$$



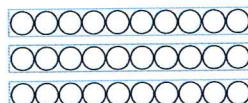
$$\underline{\quad} + \underline{\quad}$$



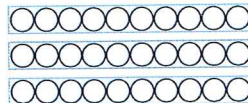
$$\underline{\quad} + \underline{\quad}$$



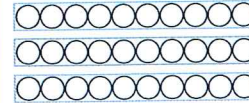
$$\underline{\quad} + \underline{\quad}$$



$$\underline{\quad} + \underline{\quad}$$



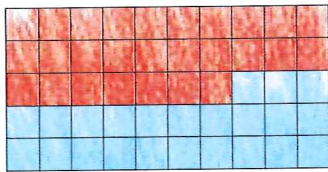
$$\underline{\quad} + \underline{\quad}$$



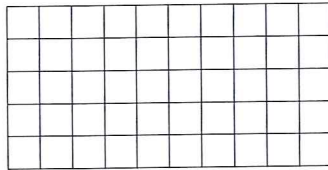
8

Skriv plusstykker, der giver 50. Vis det ved at farve felterne. *Flere løsninger*

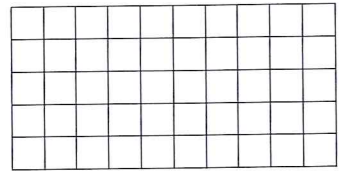
$$50 = \underline{27} + \underline{23}$$



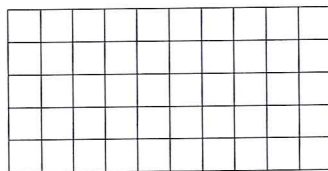
$$50 = \underline{\quad} + \underline{\quad}$$



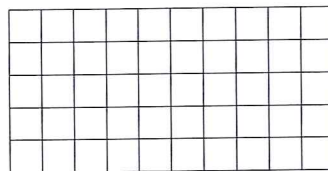
$$50 = \underline{\quad} + \underline{\quad}$$



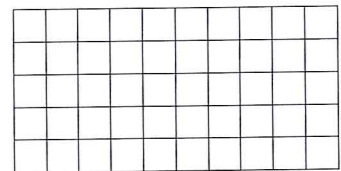
$$50 = \underline{\quad} + \underline{\quad}$$



$$50 = \underline{\quad} + \underline{\quad}$$



$$50 = \underline{\quad} + \underline{\quad}$$



9

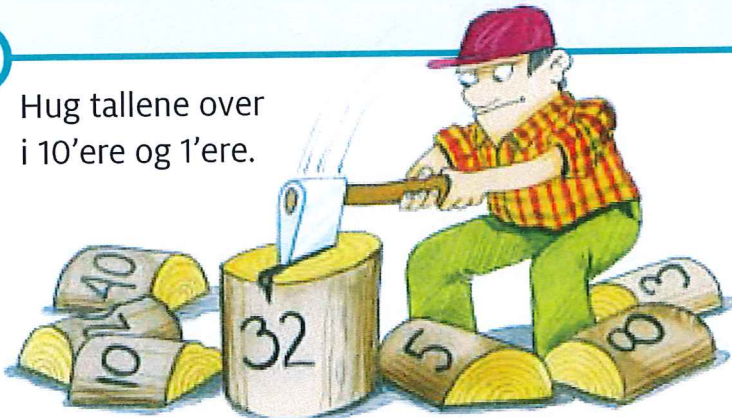
Skriv plusstykker, der giver 40. *Flere løsninger*

$$40 = \underline{\quad} + \underline{\quad} \quad 40 = \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad}$$

$$40 = \underline{\quad} + \underline{\quad} + \underline{\quad} \quad 40 = \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad}$$

10

Hug tallene over i 10'ere og 1'ere.



$$32 = \underline{30} + \underline{2}$$

$$49 = \underline{40} + \underline{9}$$

$$64 = \underline{60} + \underline{4}$$

$$86 = \underline{80} + \underline{6}$$

$$\underline{24} = 20 + 4$$

$$\underline{39} = 30 + 9$$

$$\underline{56} = 50 + 6$$

Flere løsninger!

$$\underline{\quad} = 20 + \underline{\quad}$$

$$\underline{\quad} = \underline{\quad} + 9$$

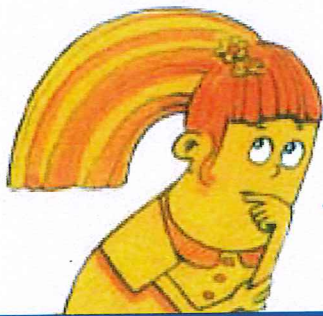
$$\underline{\quad} = \underline{\quad} + 3$$

Flere løsninger!

$$\underline{\quad} = \underline{\quad} + \underline{\quad}$$

$$\underline{\quad} = \underline{\quad} + \underline{\quad}$$

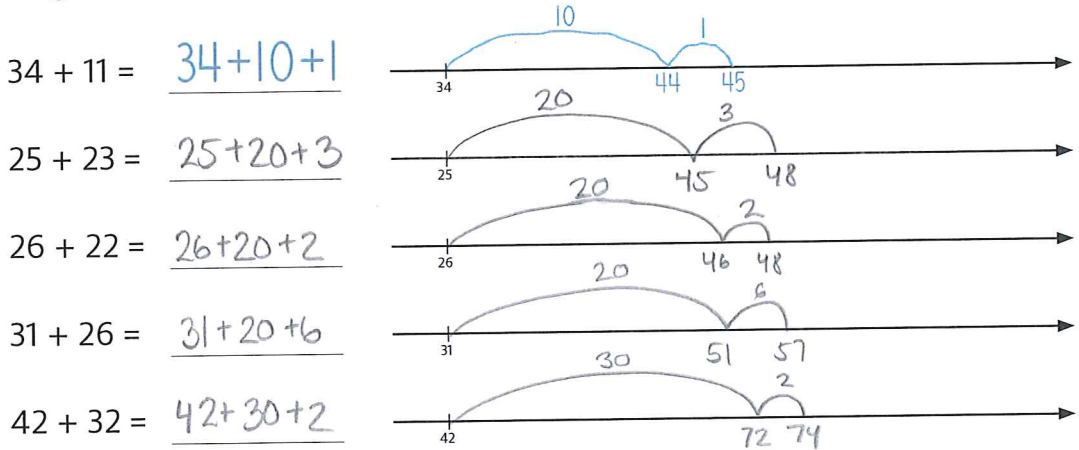
$$\underline{\quad} = \underline{\quad} + \underline{\quad}$$



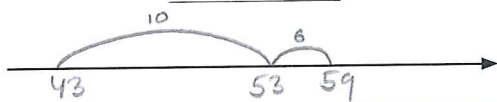
Når man lægger et tal til et andet tal, kan det være en hjælp at hugge det over i 10'ere og 1'ere.

11

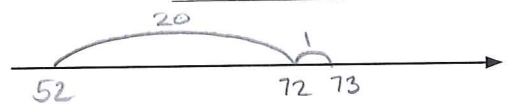
Hug over i 10'ere og 1'ere, og hop på tallinjen. Skriv, hvordan du hopper.



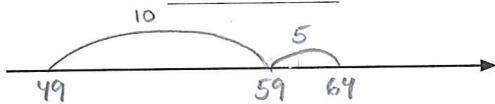
$$43 + 16 = 43 + 10 + 6$$



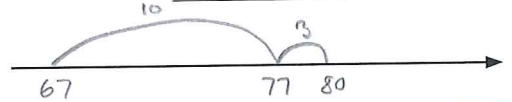
$$52 + 21 = 52 + 20 + 1$$



$$49 + 15 = 49 + 10 + 5$$



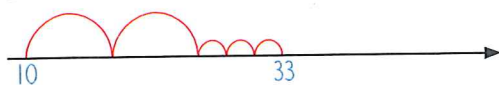
$$67 + 13 = 67 + 10 + 3$$



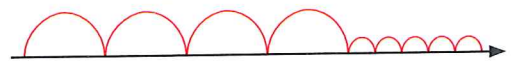
12

Skriv et plusstykke, der passer til hoppene på tallinjen. Flere løsninger

$$\underline{10} + \underline{23} = \underline{33}$$



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



13

Find det dobbelte.

$$7 \quad \curvearrowright \quad \underline{14}$$

$$10 \quad \curvearrowright \quad \underline{20}$$

$$12 \quad \curvearrowright \quad \underline{24}$$

$$15 \quad \curvearrowright \quad \underline{30}$$

14

Læg sammen.

$$9 + 9 = \underline{18}$$

$$11 + 11 = \underline{22}$$

$$25 + 25 = \underline{50}$$

$$22 + 22 = \underline{44}$$

$$\underline{8} + \underline{8} = 16$$

$$\underline{14} + \underline{14} = 28$$

$$\underline{21} + \underline{21} = 42$$

$$\begin{array}{r} \text{Flere løsninger} \\ \underline{\quad} + \underline{\quad} = \underline{\quad} \end{array}$$

15

Plus med fordobling.

$$12 + 13 = \underline{12 + 12 + 1} = \underline{25}$$

$$15 + 16 = \underline{15 + 15 + 1} = \underline{31}$$

$$11 + 12 = \underline{11 + 11 + 1} = \underline{25}$$

$$16 + 17 = \underline{16 + 16 + 1} = \underline{33}$$

$$20 + 21 = \underline{20 + 20 + 1} = \underline{41}$$

$$15 + 14 = \underline{15 + 15 - 1} = \underline{29}$$

$$30 + 29 = \underline{30 + 30 - 1} = \underline{59}$$

$$25 + 24 = \underline{25 + 25 - 1} = \underline{49}$$

Det er smart
at kunne fordoble,
når man lægger
sammen.



GRUBLER

Hvilke varer har du købt? Tegn eller skriv. 65


Flere løsninger

AT BETALE:
34 KR.


Hvordan regner du?



1 Regn som Elegante Et.

 <p> $35 + 21$ $35 = 30 + 5$ $21 = 20 + 1$ $50 + 6$ 56 </p>	$32 + 26$	$42 + 17$	$34 + 51$
	$32 = 30 + 2$	$42 = 40 + 2$	$34 = 30 + 4$
	$26 = 20 + 6$	$17 = 10 + 7$	$51 = 50 + 1$
	$50 + 8$	$50 + 9$	$80 + 5$
	58	59	85

2 Regn som Seje Syv.

 <p> $35 + 21$ $35 + 21$ $50 \quad 6$ 56 </p>	$32 + 26$	$42 + 17$	$34 + 51$
	$\begin{array}{r} 32 + 26 \\ \hline 50 \quad 8 \end{array}$	$\begin{array}{r} 42 + 17 \\ \hline 50 \quad 9 \end{array}$	$\begin{array}{r} 34 + 51 \\ \hline 80 \quad 5 \end{array}$
	58	59	85



3

Regn som Nysgerrige Ni.



$$35 + 21$$

$$35 + 20 = 55$$

$$55 + 1 = 56$$

$$32 + 26$$

$$32 + 20 = 52$$

$$52 + 6 = 58$$

$$42 + 17$$

$$42 + 10 = 52$$

$$52 + 7 = 59$$

$$34 + 51$$

$$34 + 50 = 84$$

$$84 + 1 = 85$$

4

Regn på din måde. Vis, hvordan du gør. *Flere løsninger*

$$32 + 26$$

$$42 + 17$$

$$34 + 51$$

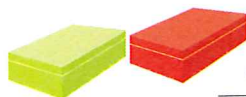


5

Hvor mange skruer?


32

68

43

67

76

99

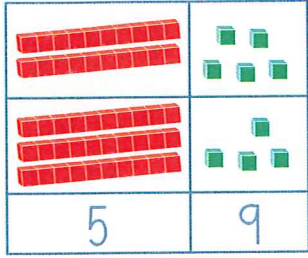
3. Afprøv Nysgerrige Nis metode på de samme plusstykker, som regnet ud med Elegante Et og Seje Syvs metoder.
4. Brug din egen metode til at regne plusstykkerne. Det er vigtigt, at metoden vises.

5. Brug din egen metode til at finde ud af, hvor mange skruer der er i de viste æsker tilsammen.

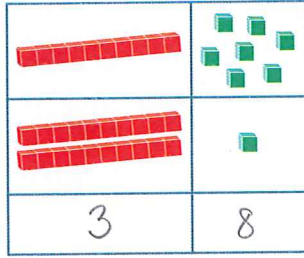
6

Plus.

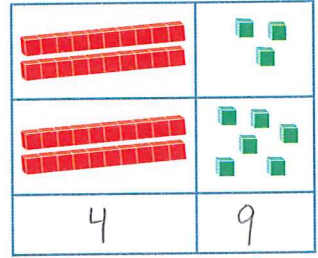
$25 + 34 = \underline{\quad}$



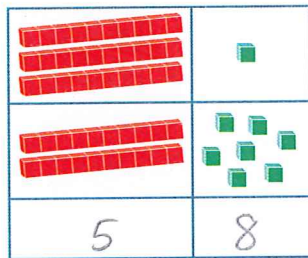
$17 + 21 = \underline{38}$



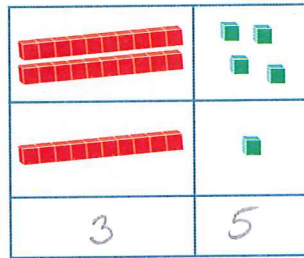
$23 + 26 = \underline{49}$



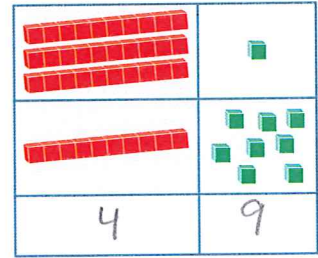
$31 + 27 = \underline{58}$



$24 + 11 = \underline{35}$



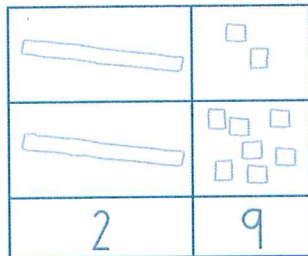
$31 + 18 = \underline{49}$



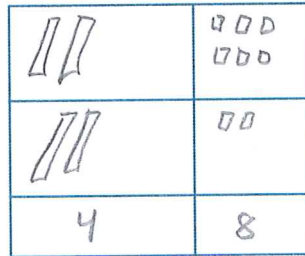
7

Tegn selv plusstykkerne.

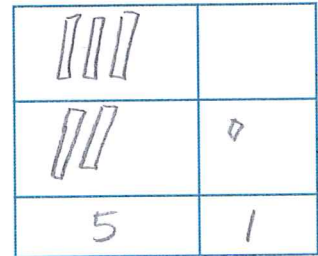
$12 + 17 = \underline{29}$



$26 + 22 = \underline{48}$

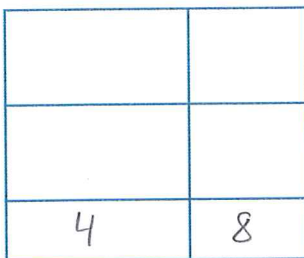


$30 + 21 = \underline{51}$

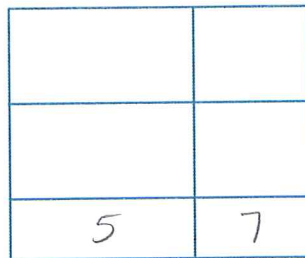


Flere løsninger!

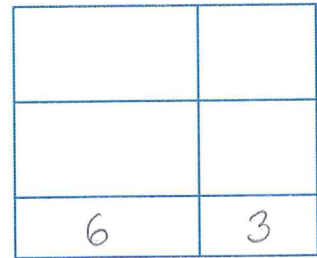
$\underline{\quad} + \underline{\quad} = 48$



$\underline{\quad} + \underline{\quad} = 57$



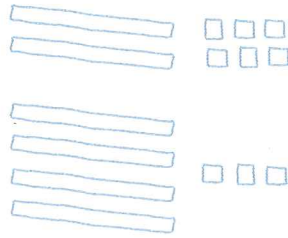
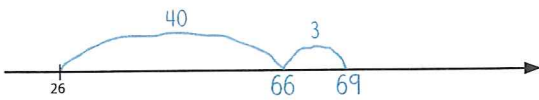
$\underline{\quad} + \underline{\quad} = 63$



8

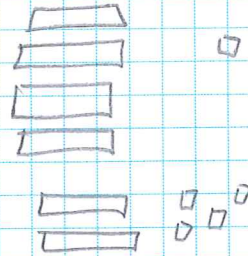
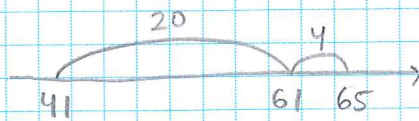
Plus med kuber og på tallinje.

$26 + 43 = \underline{69}$



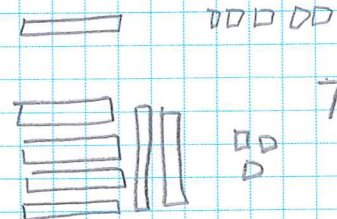
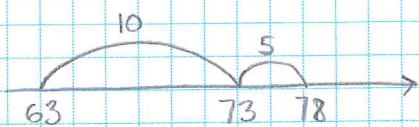
69

$41 + 24 = \underline{65}$



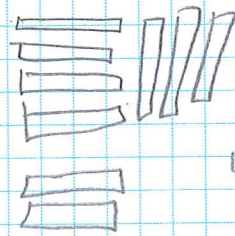
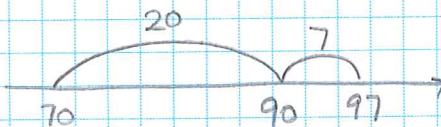
65

$15 + 63 = \underline{78}$



78

$70 + 27 = \underline{97}$



97

9

Hvor meget koster tingene i alt? Tegn beløbet.



I alt 54 kr.



I alt 78 kr.

Flere løsninger

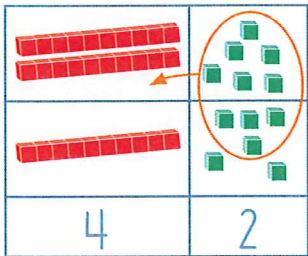
I alt 91 kr.

Flere løsninger

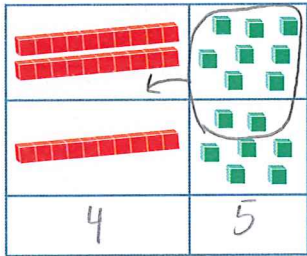
10

Plus med veksling.

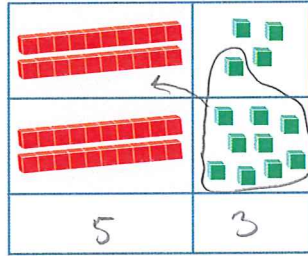
$26 + 16 = 42$



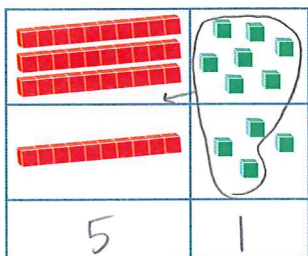
$28 + 17 = 45$



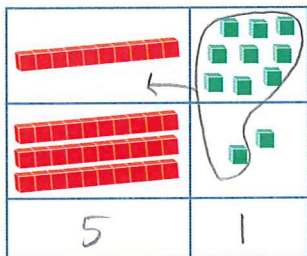
$24 + 29 = 53$



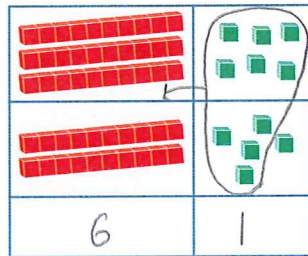
$37 + 14 = 51$



$19 + 32 = 51$



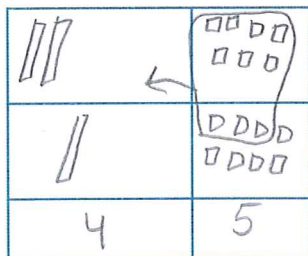
$36 + 25 = 61$



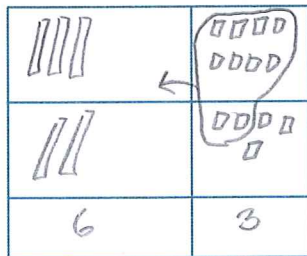
11

Tegn selv plusstykkerne.

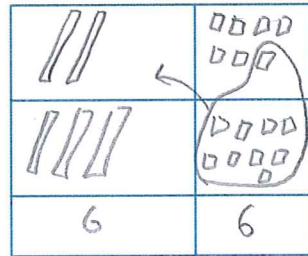
$27 + 18 = 45$



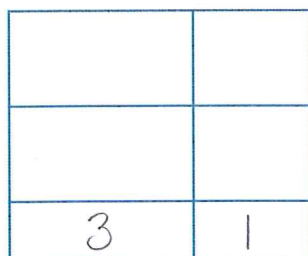
$38 + 25 = 63$



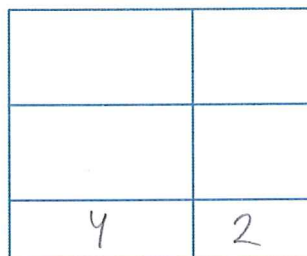
$27 + 39 = 66$



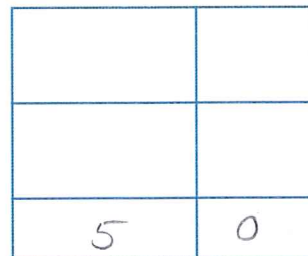
Flere løsninger
 $\underline{\quad} + \underline{\quad} = 31$



$\underline{\quad} + \underline{\quad} = 42$



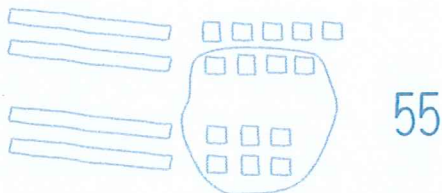
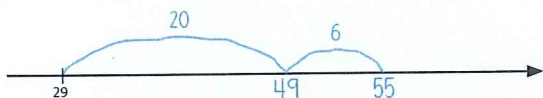
$\underline{\quad} + \underline{\quad} = 50$



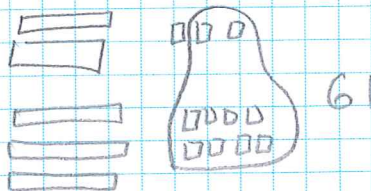
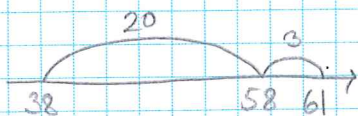
12

Plus med kuber og på tallinje.

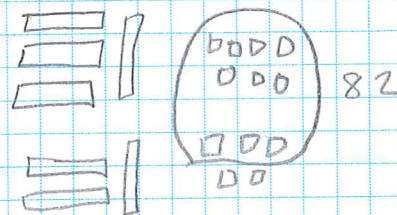
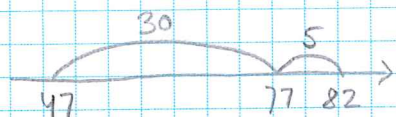
$$29 + 26 = \underline{55}$$



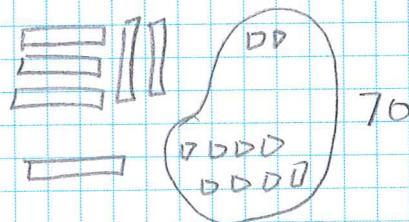
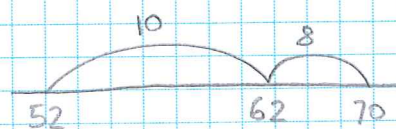
$$23 + 38 =$$



$$47 + 35 =$$

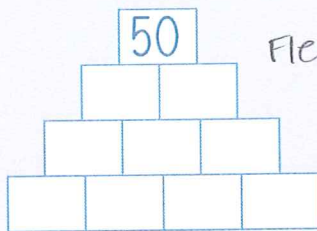
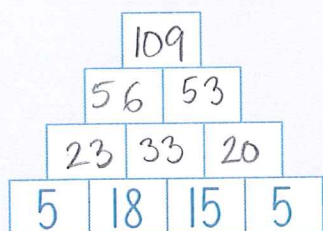
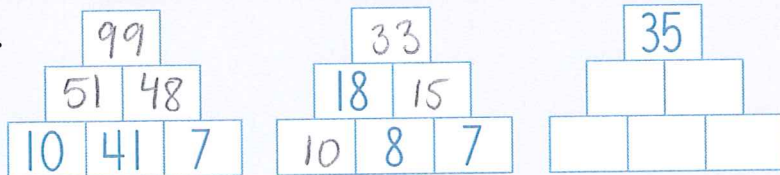


$$52 + 18 =$$

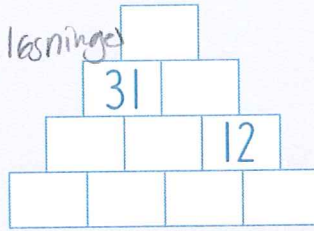


13

Plus i pyramiden.

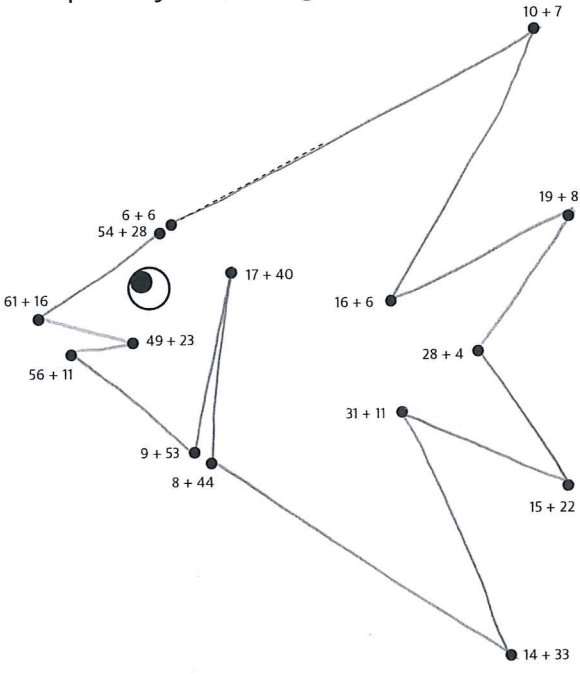


Flere løsninger



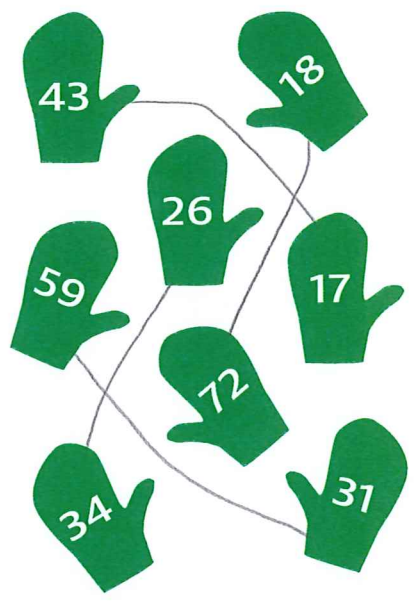
14

Tegn streg fra prik til prik. Gå altid til et plusstykke, der giver 5 mere.



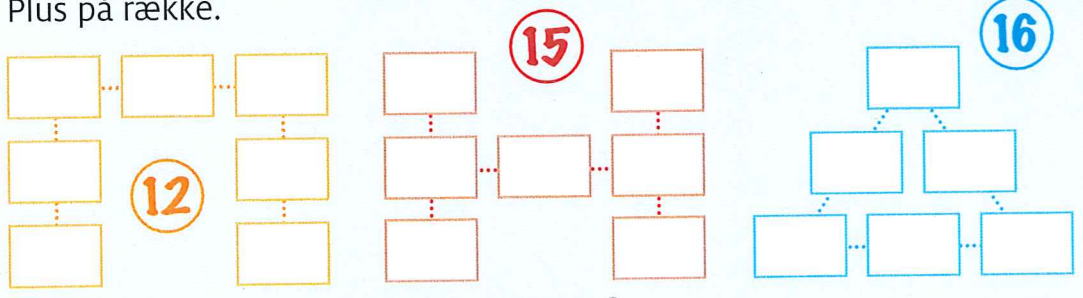
15

Tegn streg mellem tal, der tilsammen giver et helt antal 10'ere.

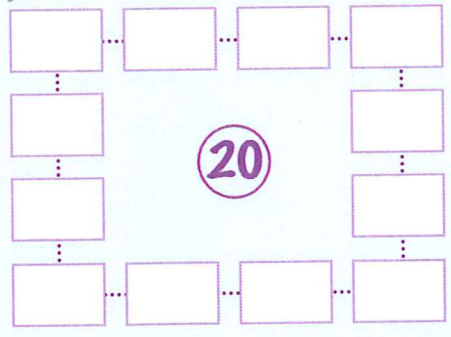
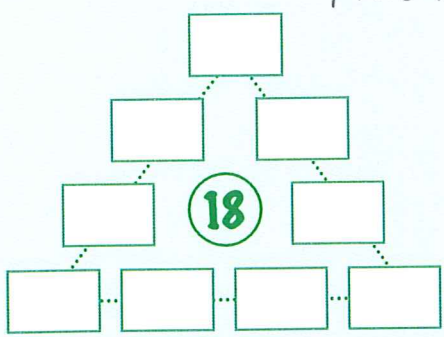


16

Plus på række.



Fleres løsninger



17

Skriv tal på række, så de lodret og vandret giver det samme resultat.

Flere løsninger fx

9

4	0	5
4	3	2
1	6	2

9 9 9

10

5	2	3
3	5	2
2	3	5

11

4	4	3
4	3	4
3	4	4

12

7	1	4
1	8	3
4	3	5

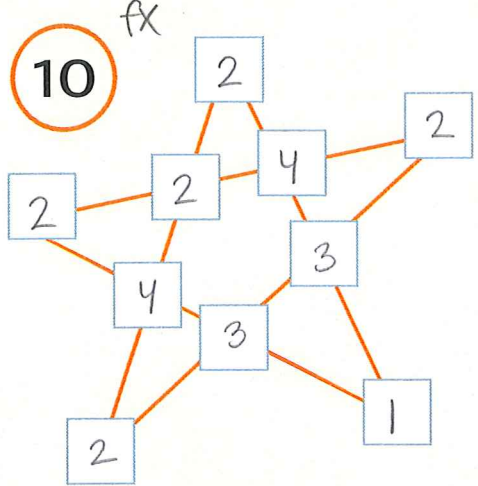
13

14

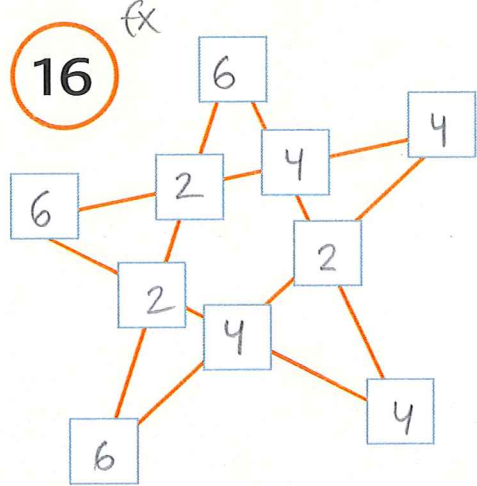
GRUBLER

De tal, der ligger på linje, skal tilsammen blive tallet i cirklen. **78 79 80**

1 2 2 2 2 2 3 3 4 4



2 2 2 4 4 4 4 4 6 6 6



KOPIERING FORBUDT

- 66
- 67
- 68
- 69
- 70
- 71
- 72
- 73
- 74
- 75
- 76
- 77

Hvor meget skal der i dejen?



1

Hvor meget af hver ting skal du bruge?

Kannelsnegle

1 portion dej (til 30 stk.)

Dej:

500 g mel
1 tsk. salt
2 tsk. kardemomme
4 spsk. sukker
300 g smør
2 kopper mælk
50 g gær

Fyld:

150 g smør
100 g flormelis
3 tsk. kanel

1 portion dej (til 60 stk.)

Dej:

1000 g mel
2 tsk. salt
4 tsk. kardemomme
8 spsk. sukker
600 g smør
4 kopper mælk
100 g gær

Fyld:

300 g smør
200 g flormelis
6 tsk. kanel

Fler løsnings
1 portion dej (til ___ stk.)

Dej:

_____ g mel
_____ tsk. salt
_____ tsk. kardemomme
_____ spsk. sukker
_____ g smør
_____ kopper mælk
_____ g gær

Fyld:

_____ g smør
_____ g flormelis
_____ tsk. kanel



Kannelsneglene er i poser.
Der er 5 kannelsnegle i hver pose.



2

Hvor mange kannelsnegle er der i poserne?



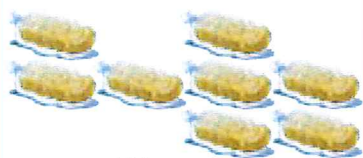
10 kannelsnegle



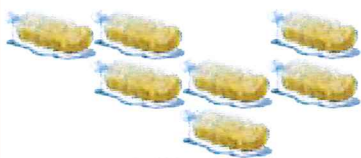
15 kannelsnegle



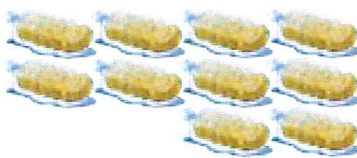
25 kannelsnegle



40 kannelsnegle



35 kannelsnegle



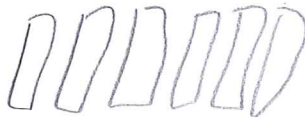
50 kannelsnegle

3

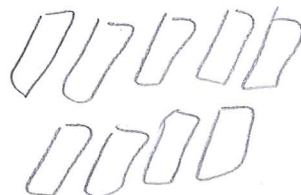
Tegn poserne.



20 kannelsnegle



30 kannelsnegle



45 kannelsnegle

4

Hver kannelsnegl vejer 50 g. Hvor meget vejer kannelsneglene tilsammen?



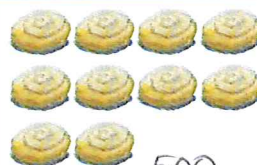
100 g



200 g



250 g



500 g



5

Hvor mange biler er der i æskerne?

	_____	8	biler
	_____	12	biler
	_____	20	biler

6

Hvad koster bilerne?

	_____	40	kr.
	_____	60	kr.
	_____	100	kr.

7

Hvor mange æsker kan du fylde?

_____ 4 æsker

_____ 7 æsker

_____ 8 æsker

8

Hvor mange æsker kan du købe for ...?

_____ 80 kr.
_____ 4 æsker

_____ 160 kr.
_____ 8 æsker

_____ 220 kr.
_____ 11 æsker

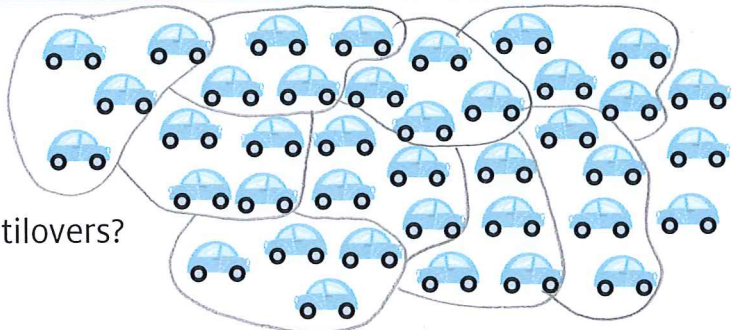
GRUBLER

Hvor mange æsker kan du fylde?

_____ 9 æsker

Hvor mange biler blev tilovers?

_____ 3 biler



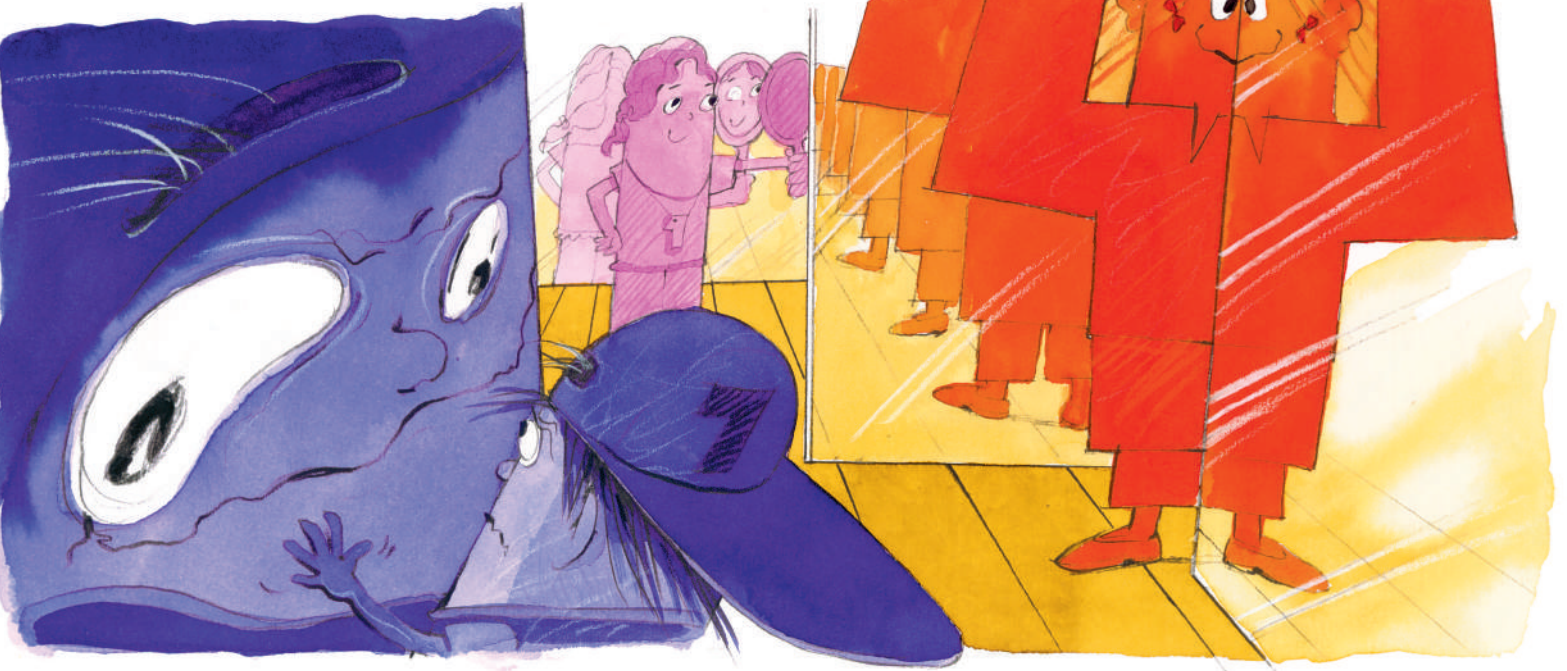
81

82

83

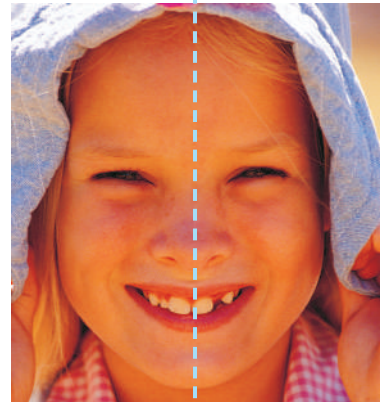
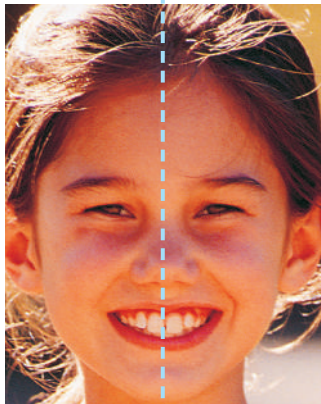
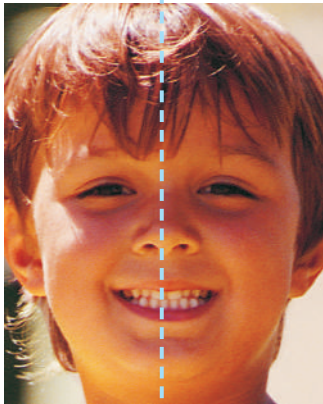
84

Er det symmetrisk?



1

Sæt spejlet på stregen.



2

Er det symmetrisk?



Ja Nej



Ja Nej

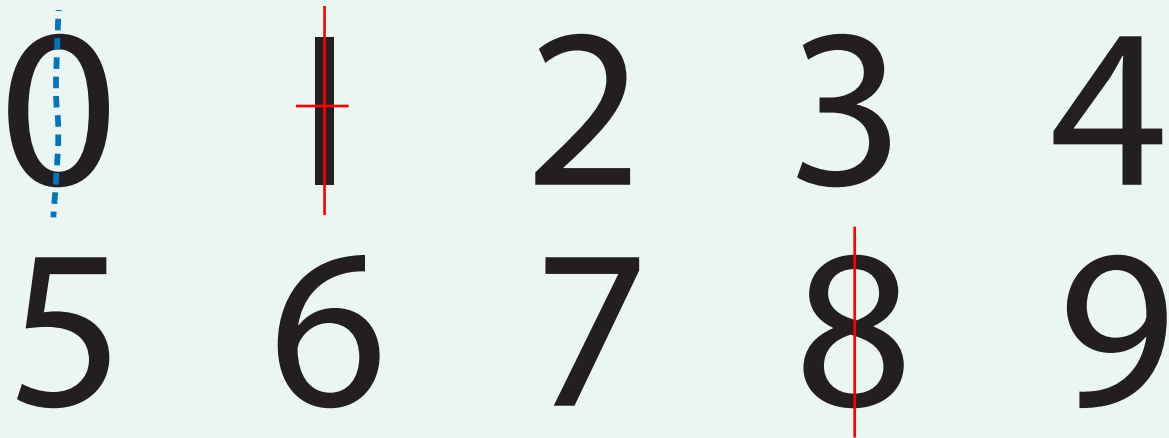


Ja Nej



3

Tegn symmetriakser.



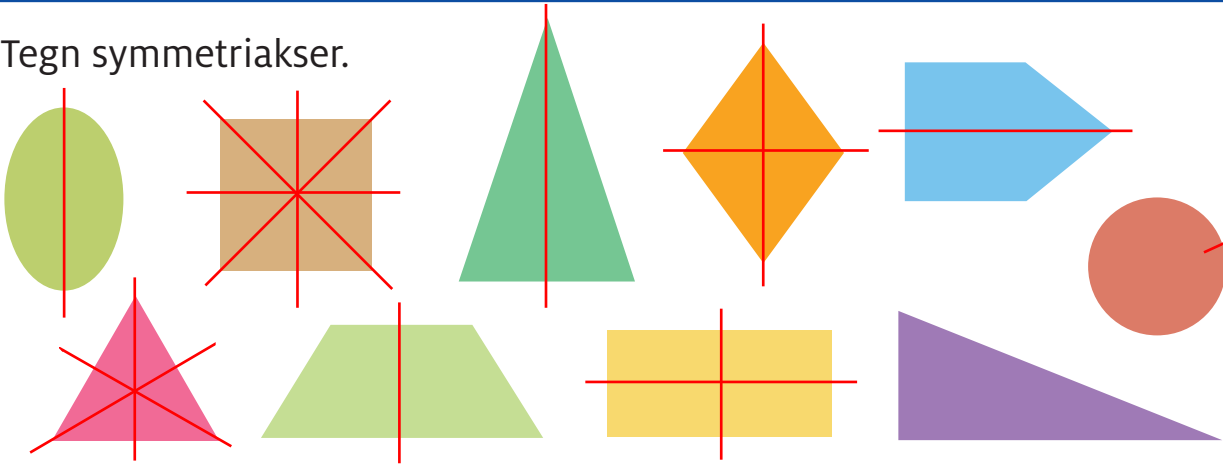
4

Tegn symmetriakser.

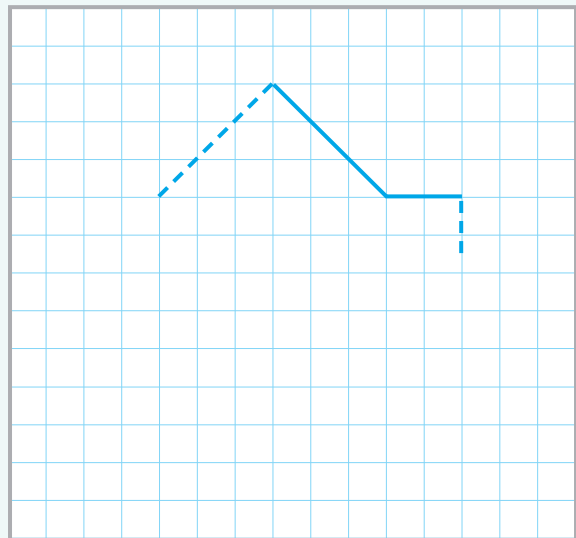
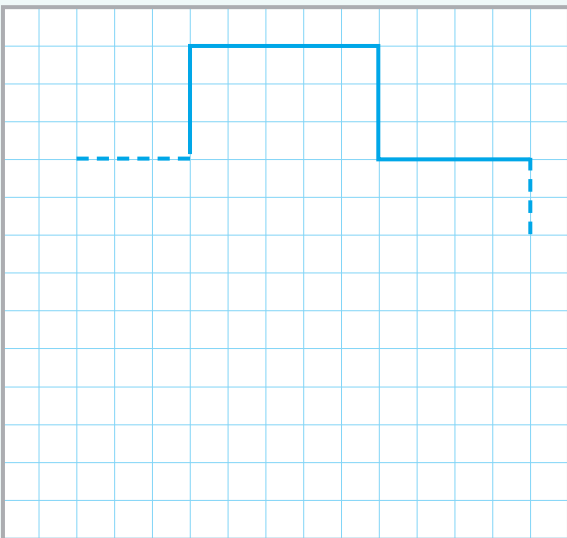
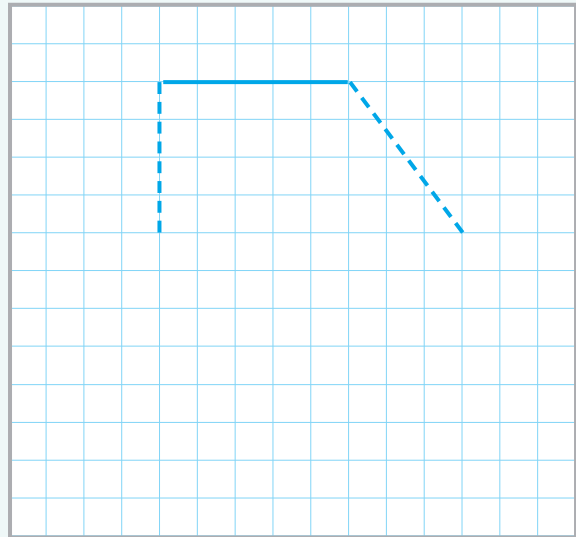
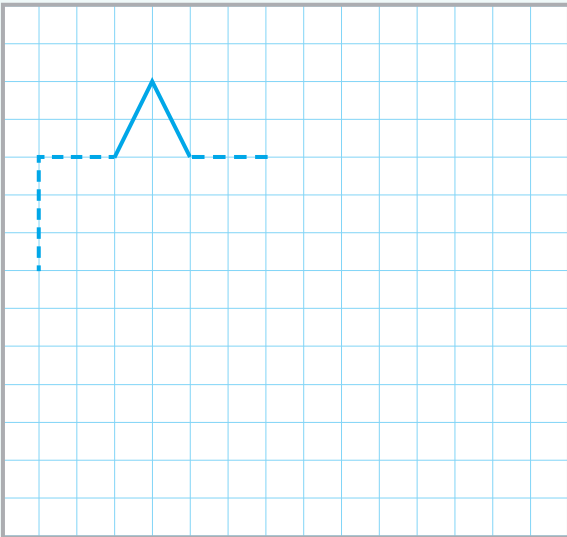


5

Tegn symmetriakser.

Uendeligt
mange
symmetri-
akser

6

Tegn symmetriske figurer. **Flere løsninger**

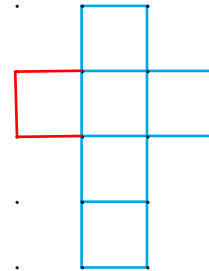
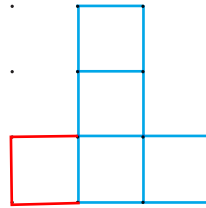
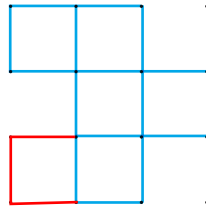
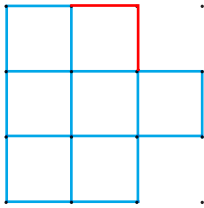
7

Nærlige Nul og
Opfindsomme Otte
er symmetriske.
Tegn dem færdige
så godt, du kan.



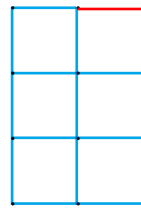
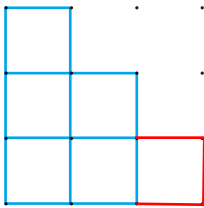
8

Sæt en , så figuren bliver symmetrisk. **Flere løsninger, fx**



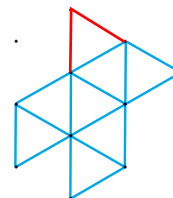
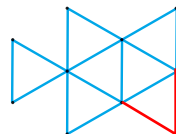
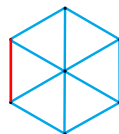
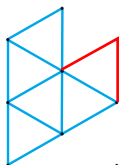
9

Denne figur kan blive symmetrisk på tre måder. Tegn dem.



GRUBLER

Sæt en , så figuren bliver symmetrisk. 106 **Flere løsninger, fx**



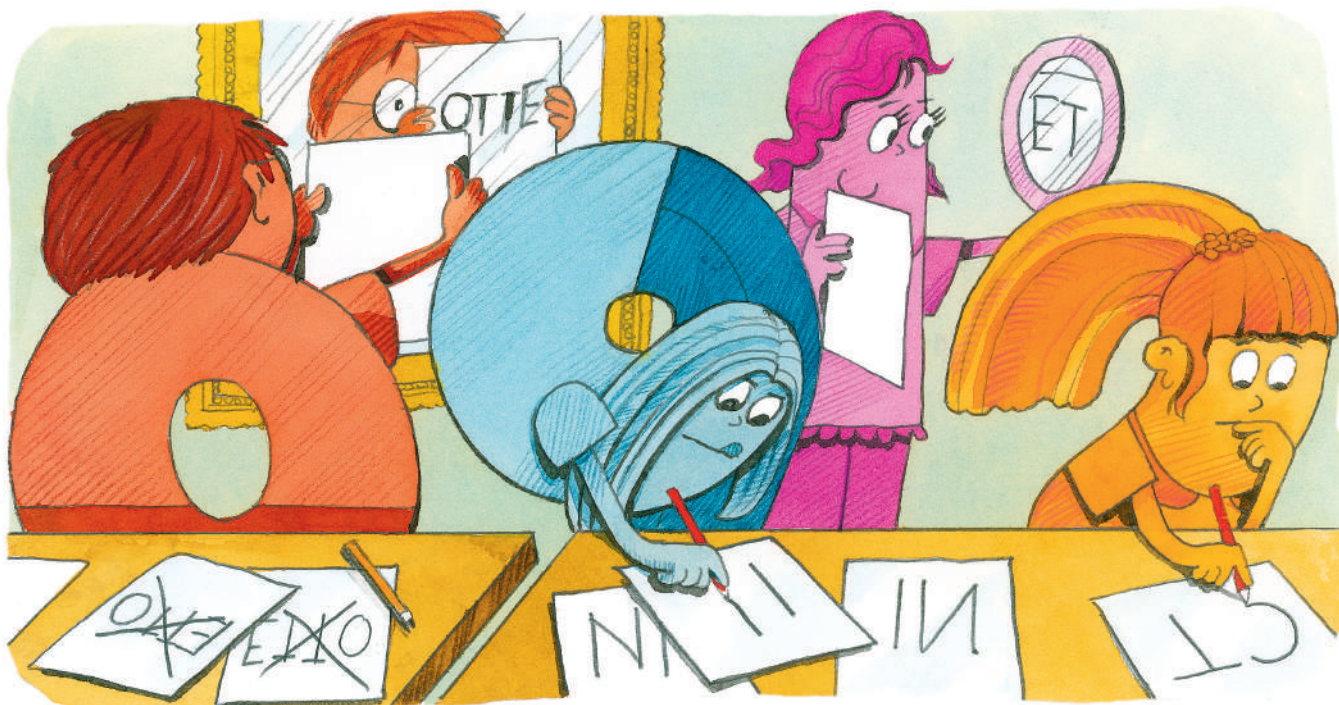
102

103

104

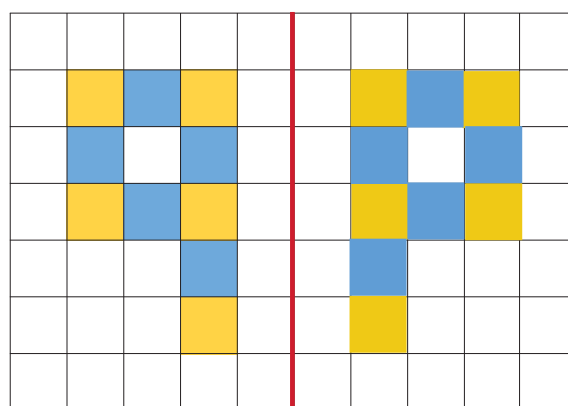
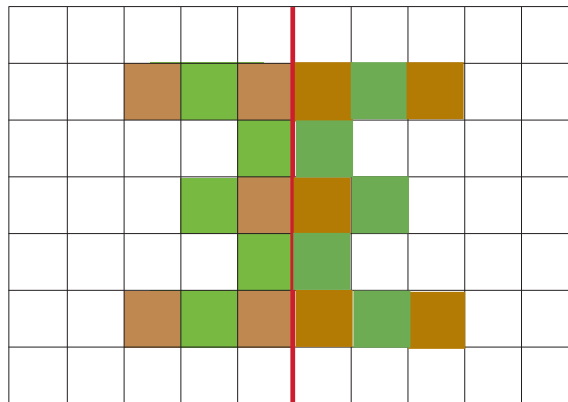
105

Er det spejlet?



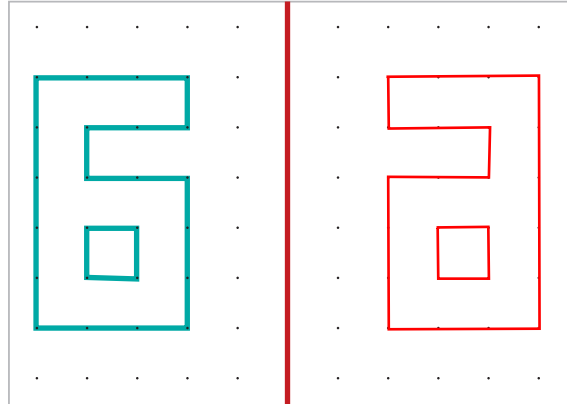
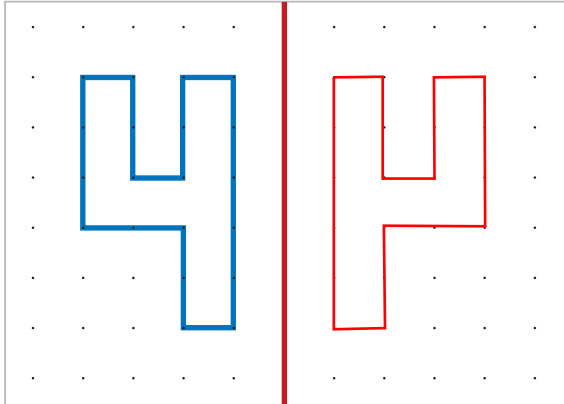
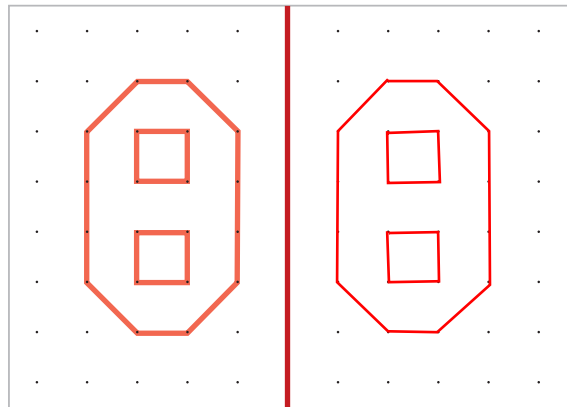
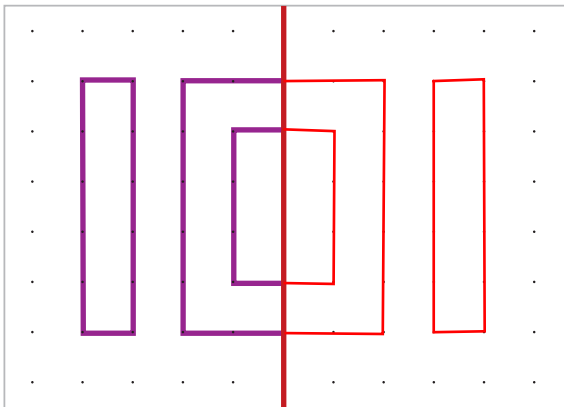
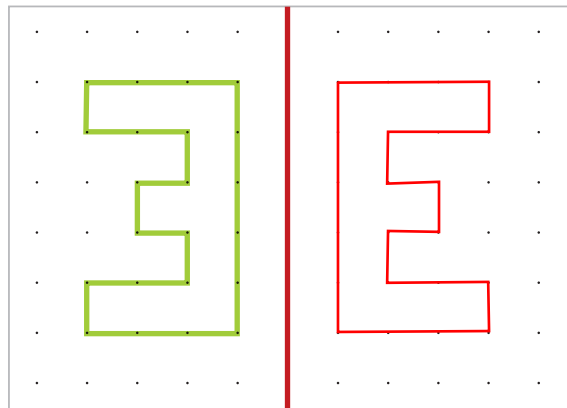
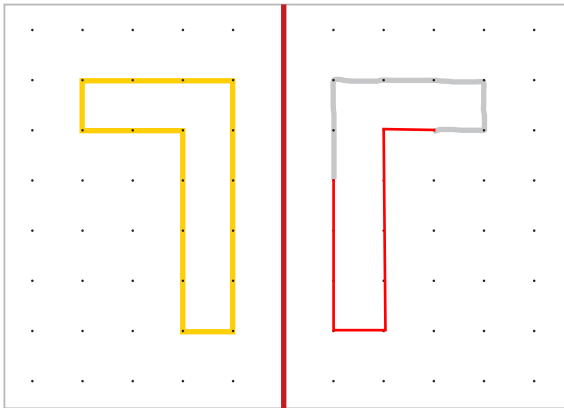
1

Spejl og farv.



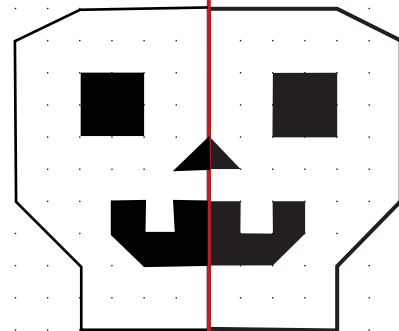
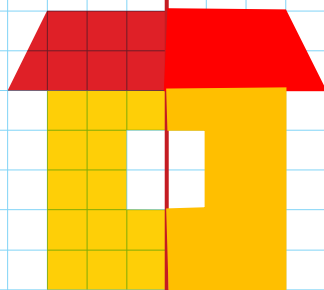
2

Spejl tal.



3

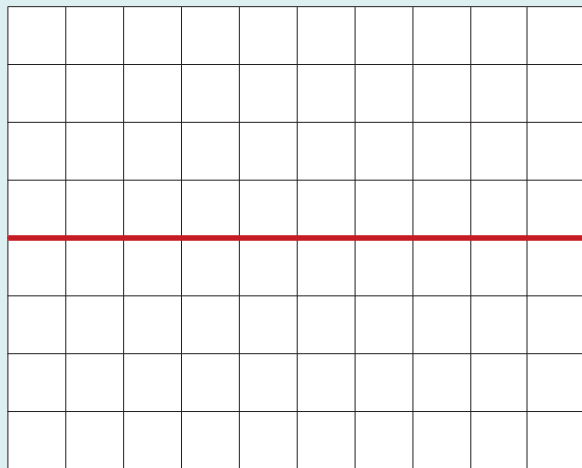
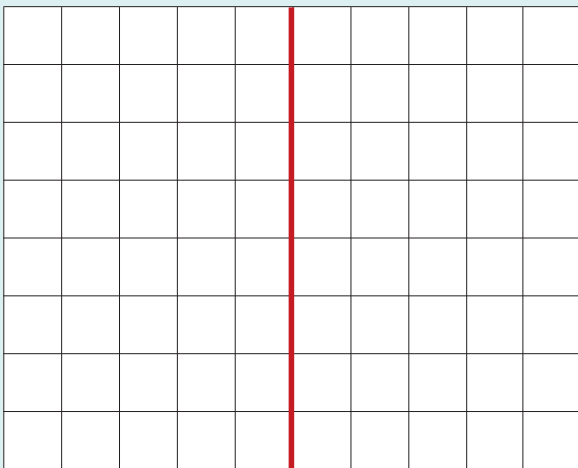
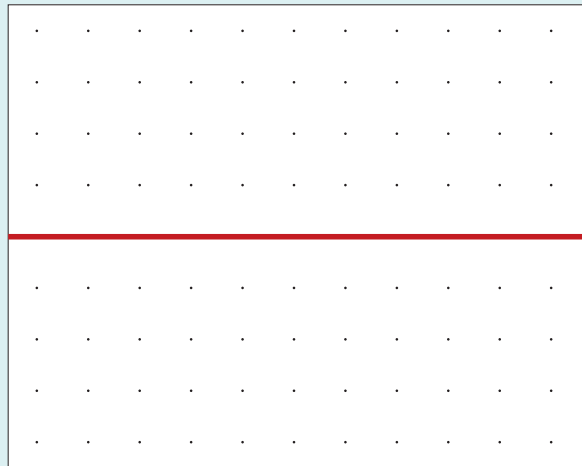
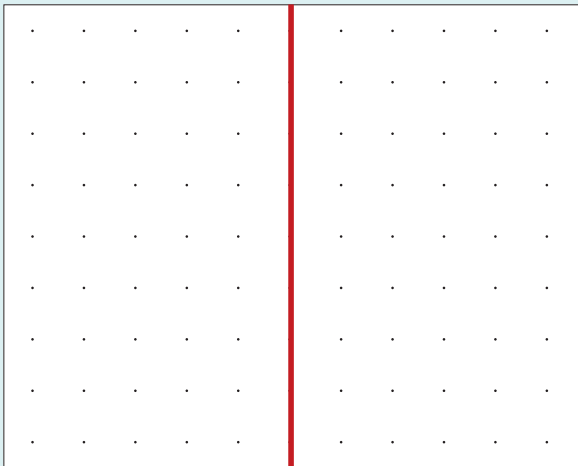
Spejl
figurer og
farv.



4

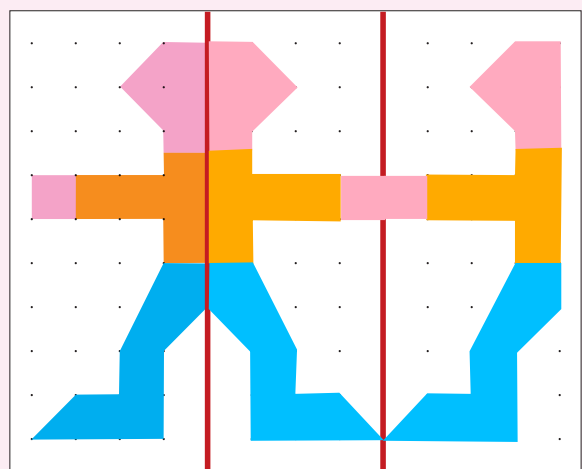
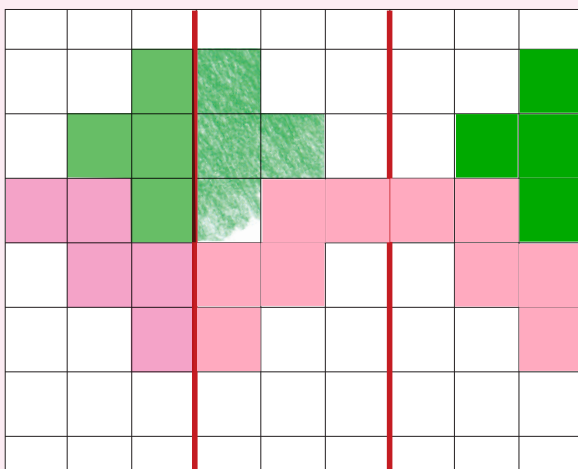
Tegn selv en figur og spejl den.

Flere løsninger



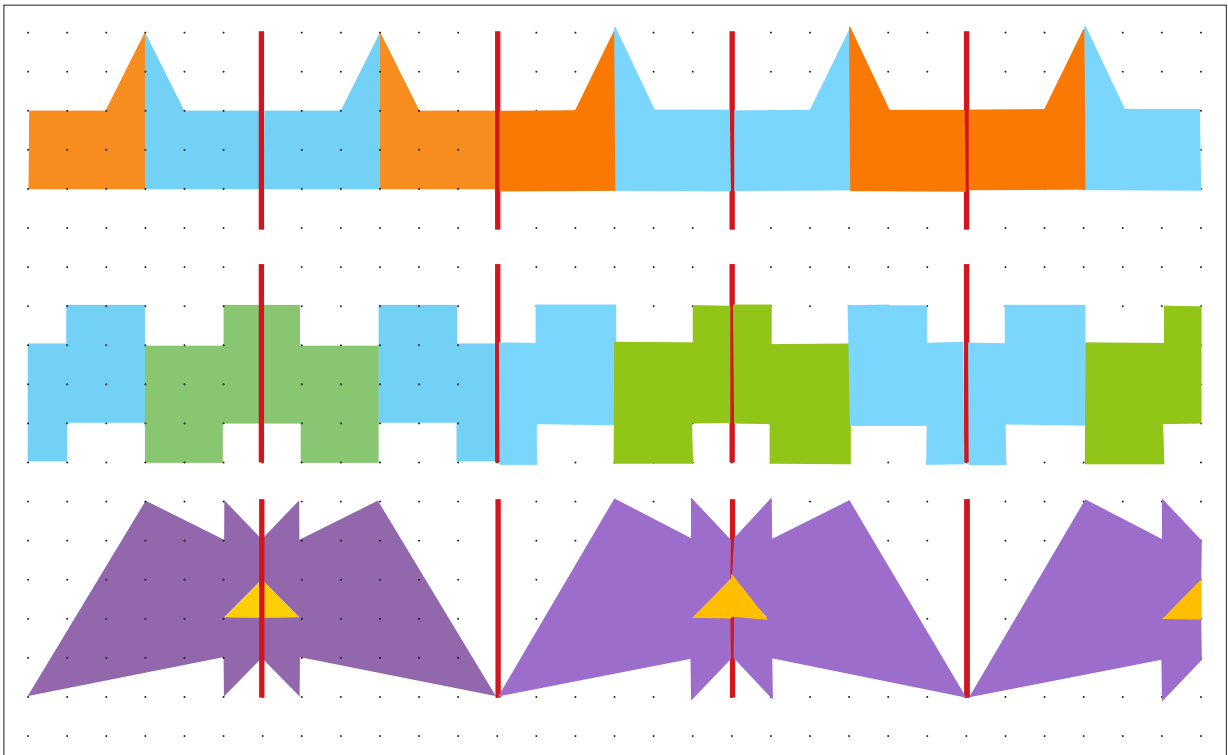
5

Spejl figuren to gange.



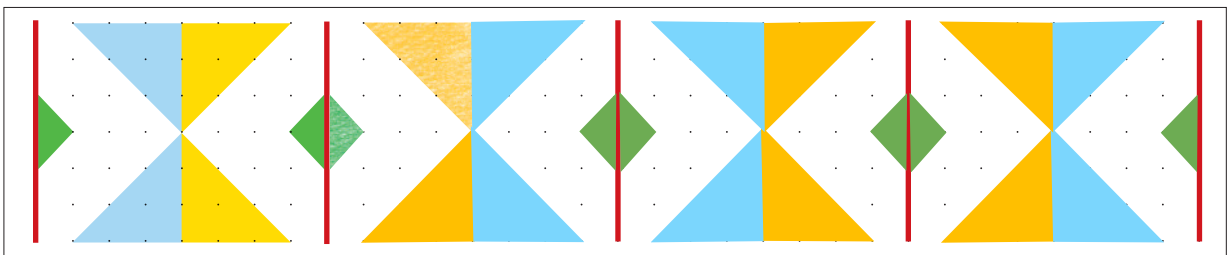
6

Spejl dig til et mønster.



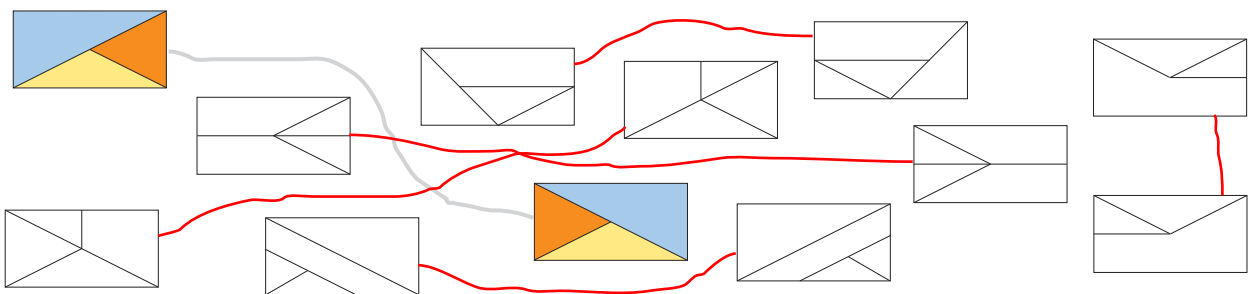
7

Spejl dig til et mønster.



GRUBLER

Find de spejlbilleder, som passer sammen. 116



Er der figurer i figurerne?

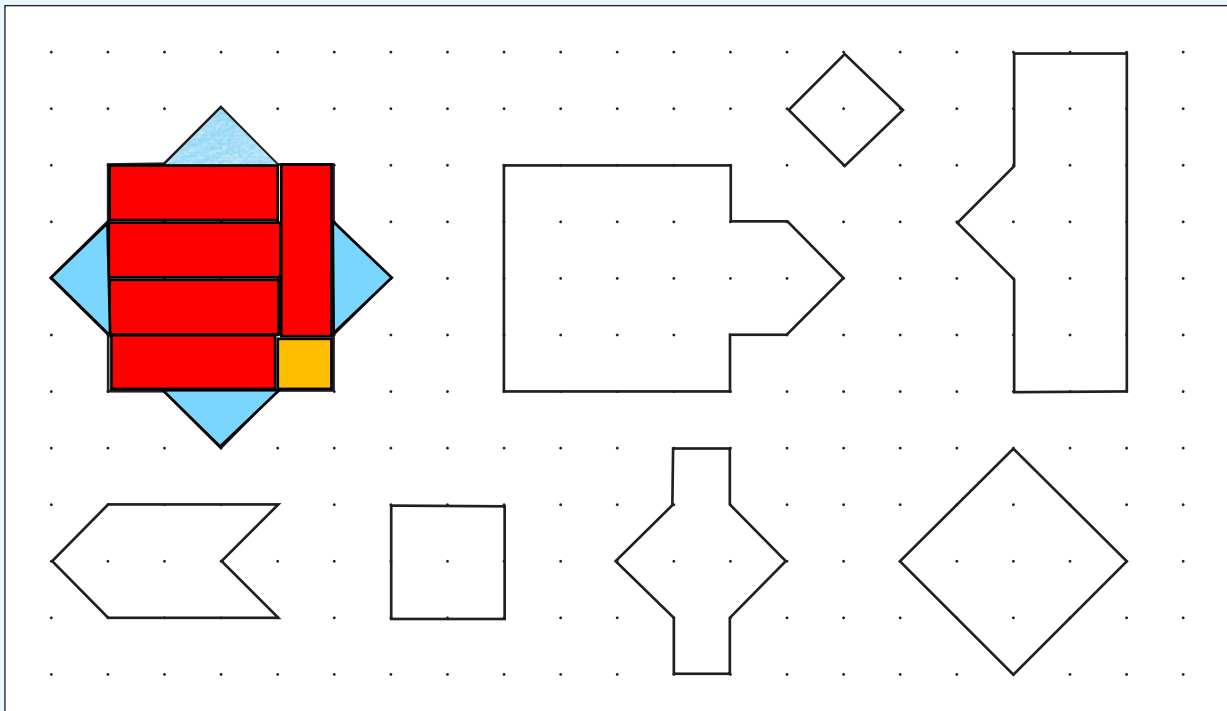


1

Find figurerne.



Flere løsninger, fx

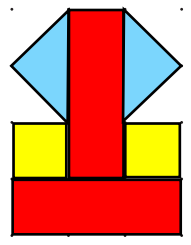
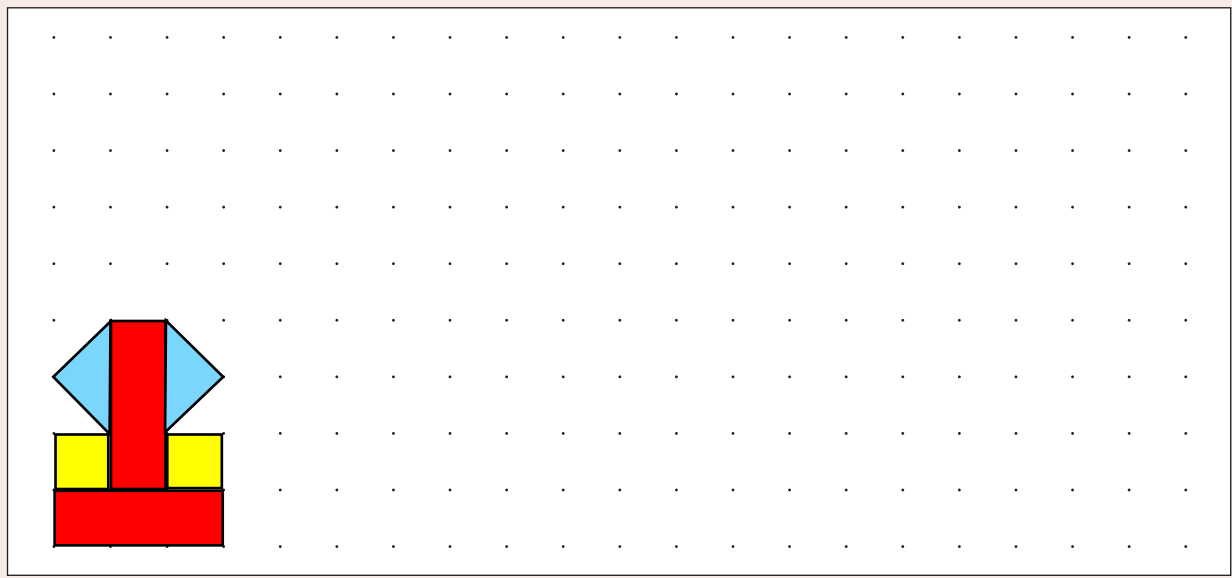


2

Tegn figurerne.



Flere løsninger, fx



2	2	2

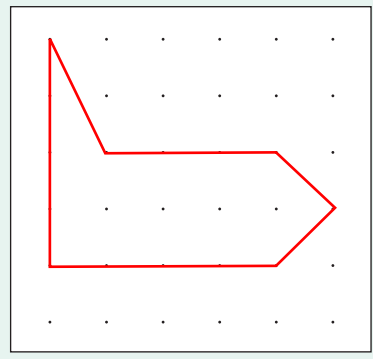
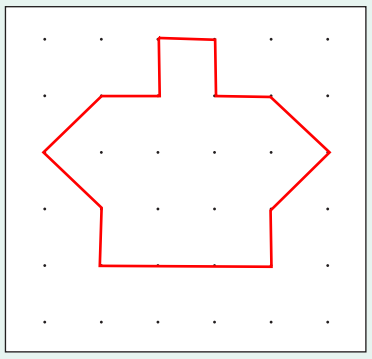
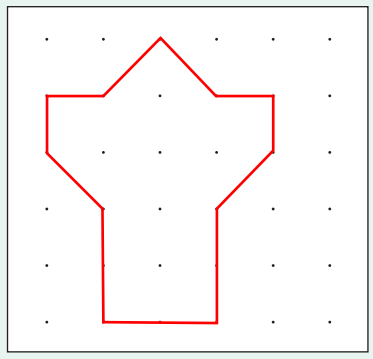
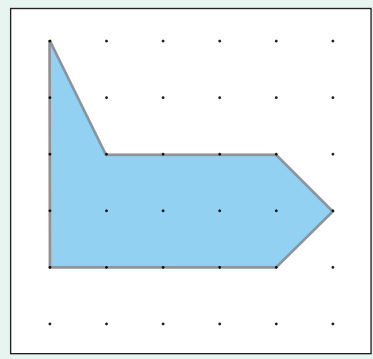
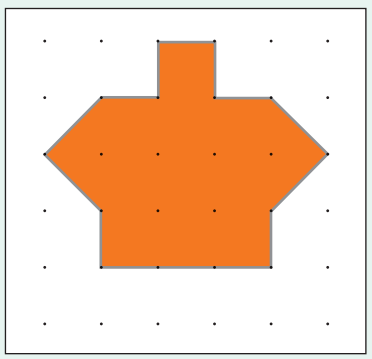
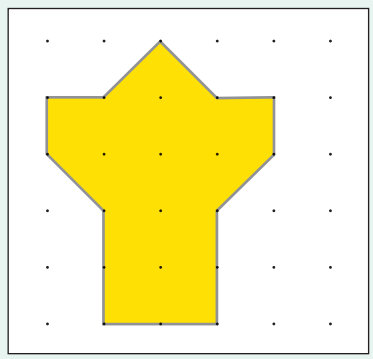
2	3	3

1	4	2

4	2	2

3

Tegn skilte.

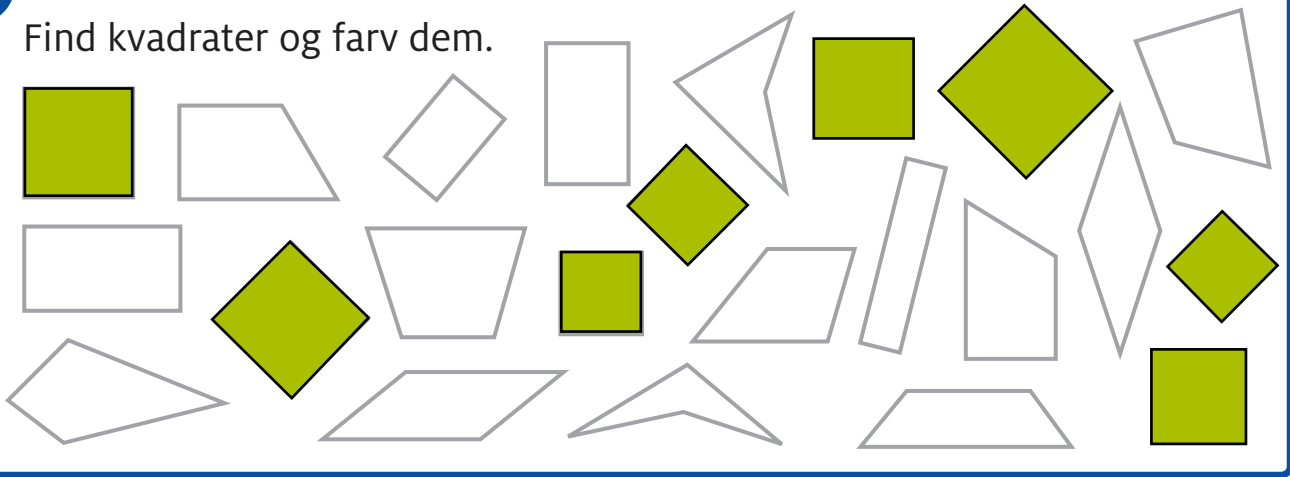


KOPIERING FORBUDT

2. Tegn figurer, hvor antallet af de viste trekanter og firkanter indgår.
 3. Tegn de viste skilte på prikpapiret.

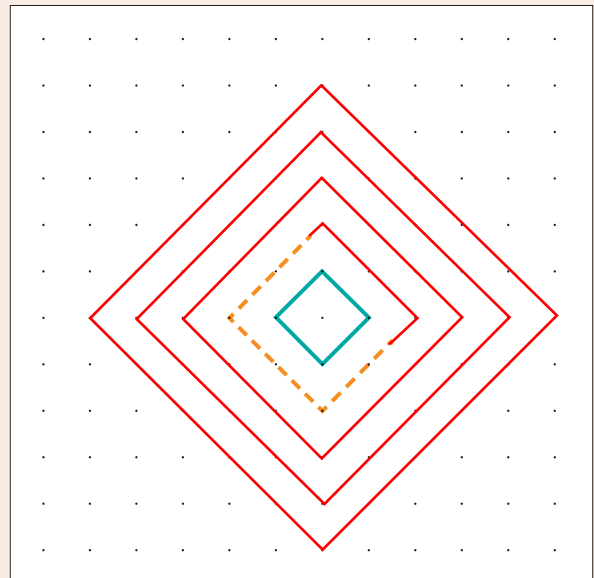
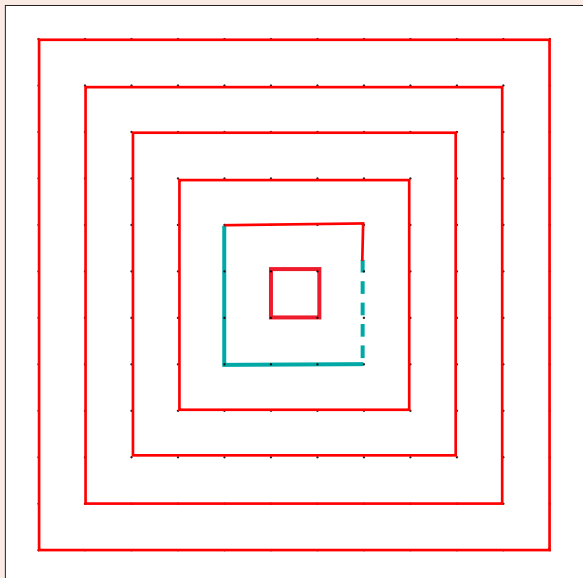
4

Find kvadrater og farv dem.



5

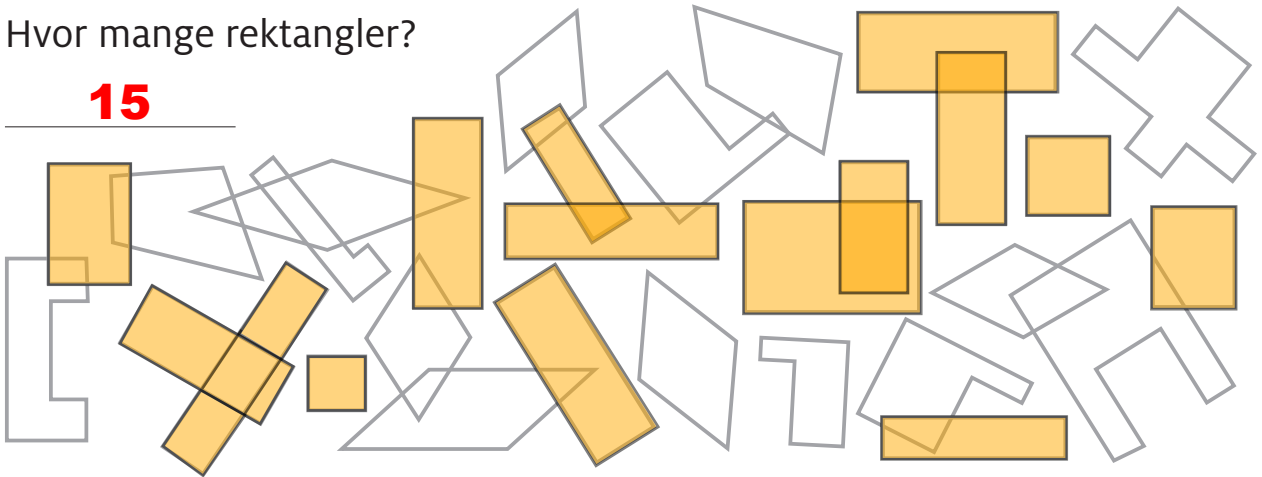
Tegn kvadraterne større og større.

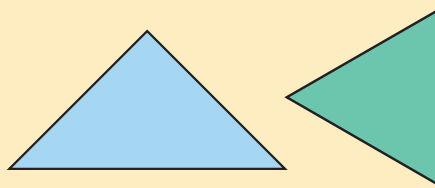


6


Hvor mange rektangler?

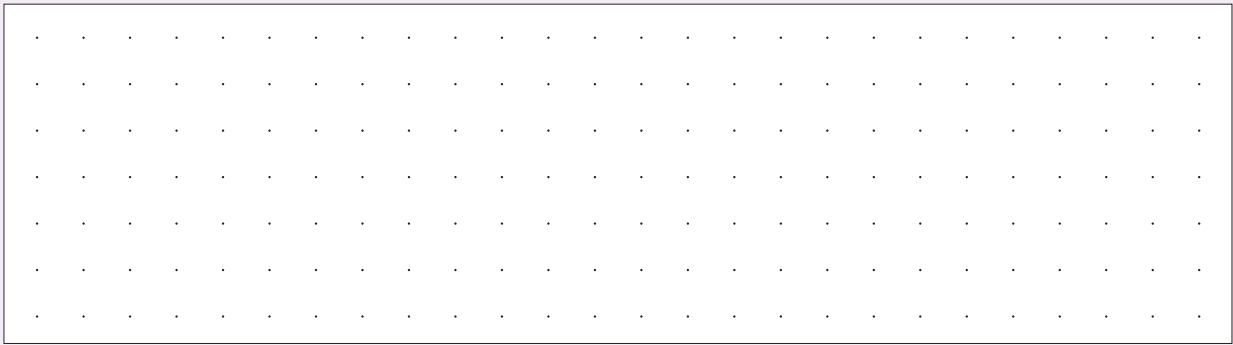
15





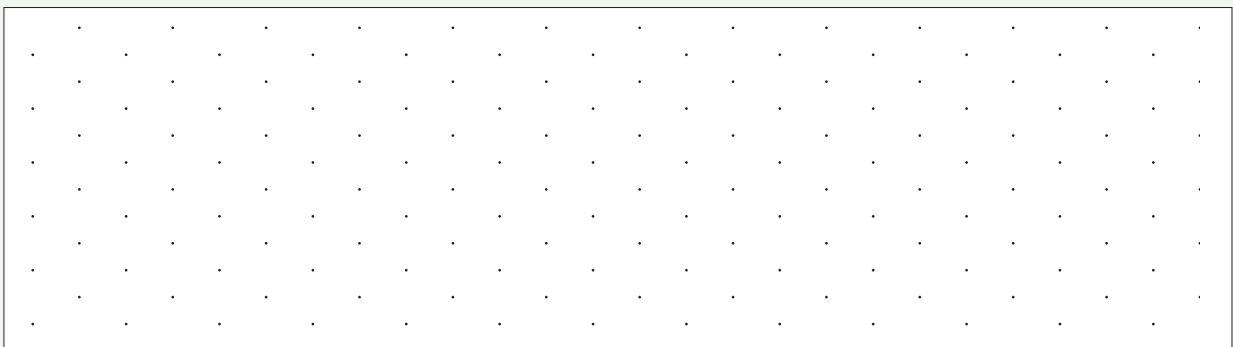
7

Byg figurer af  **Flere løsninger**



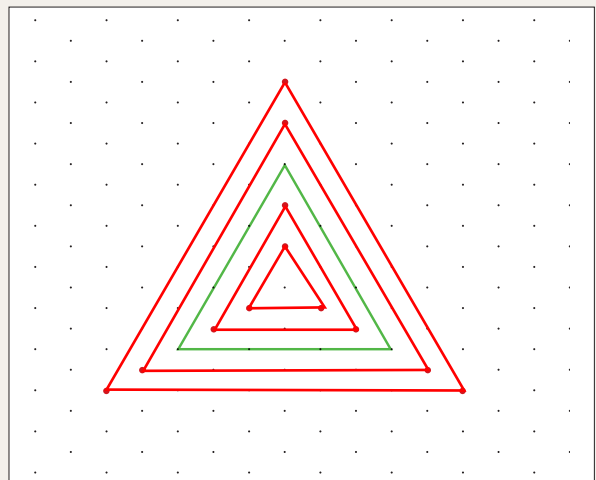
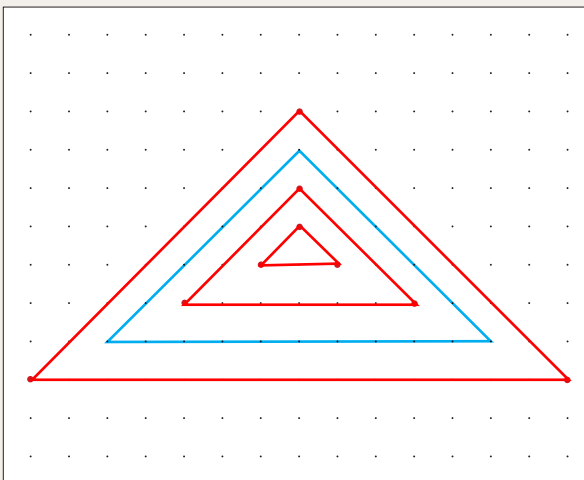
8

Byg figurer af  **Flere løsninger**

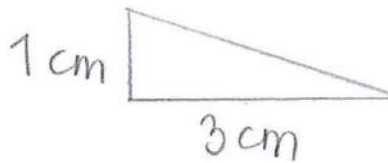
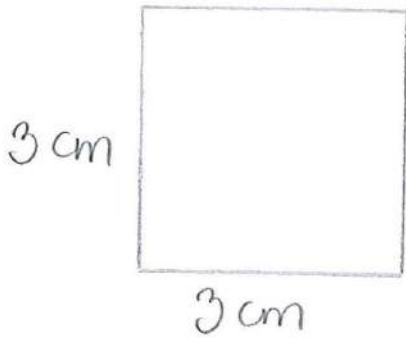
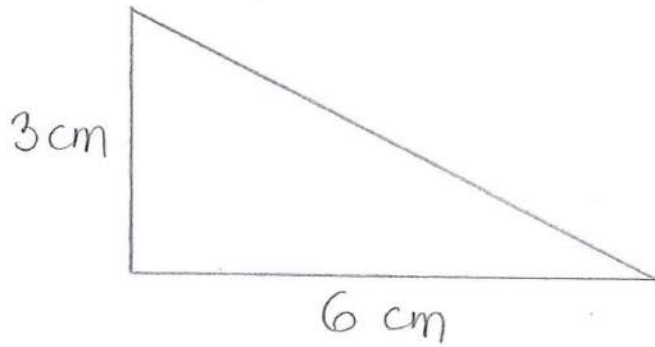
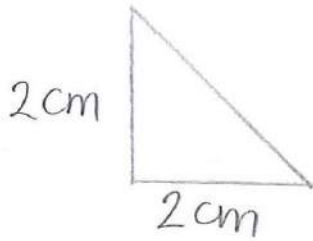
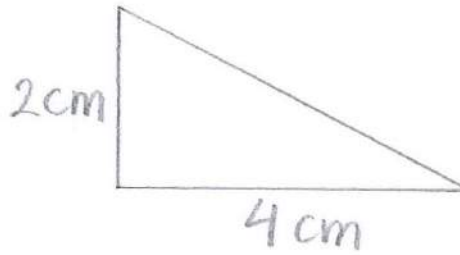
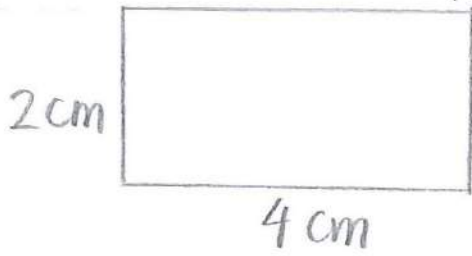
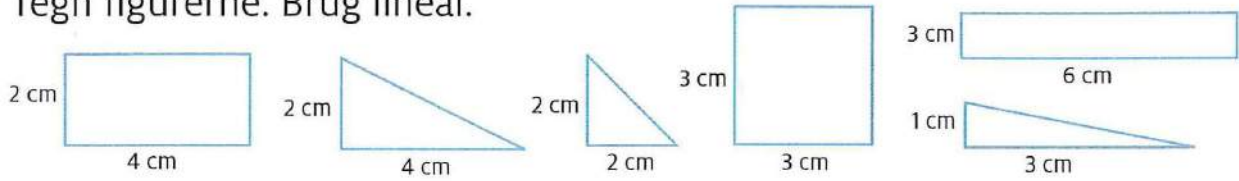


9

Tegn trekkanterne større og mindre. Farv dem.

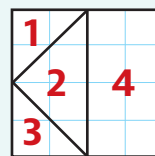


Tegn figurerne. Brug lineal.



GRUBLER

Hvilke af de fem figurer kan bygges af de fire dele? Sæt kryds.



121

117

A

118

B

119

C

120

D

121

E

Tænk efter

1

Find et mønster



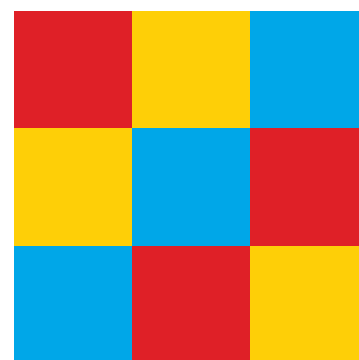
2

Hvor mange forskellige mønstre?

Læg tre forskellige farver på kryds og tværs.

Hvor mange forskellige kan man lave?

Prøv med fire eller fem farver.



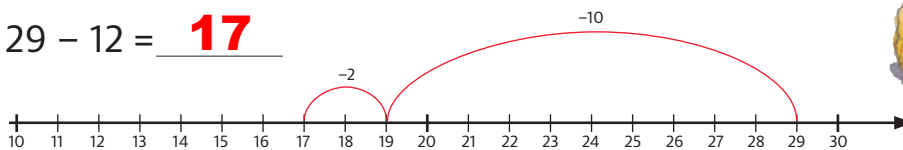
Hvordan trækker man fra?



1

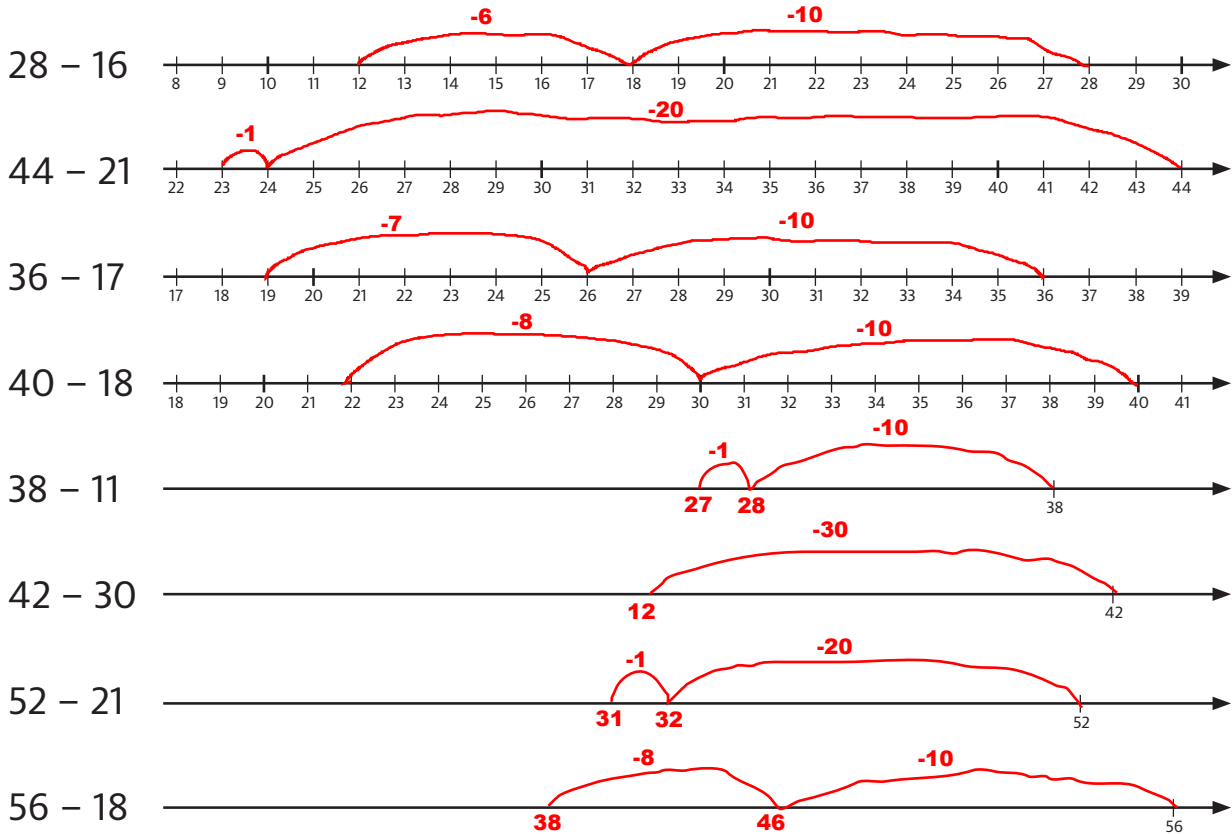
Hjælp Fjollede Fire og Sjove Seks.

$29 - 12 = \underline{17}$



2

Hop på tallinjen.



• KOPIERING FORBUDT





3 Køb 1 ting. Hvor mange penge får du tilbage?

Du har	Du køber	Du får tilbage
		4 kr.
		1 kr.
 		6 kr.
 		12 kr.

4 Køb flere ting. Hvor mange penge får du tilbage?

Du har	Du køber	Du får tilbage
		18 kr.
 		14 kr.
		2 kr.
		26 kr.

5 Der er tilbud hos bageren. Hvad koster det nu?

	<i>Spar 7 kr.</i>	Ny pris 9 kr.
	<i>Spar 15 kr.</i>	Ny pris 34 kr.
	<i>Spar 14 kr.</i>	Ny pris 20 kr.
	<i>Spar 29 kr.</i>	Ny pris 56 kr.

6 Køb for _____ kr. Hvor mange penge får du tilbage?

Tegn, hvad du køber.

Flere løsninger

Du får _____ kr. tilbage.

KOPIERING FORBUDT

3.-4. I skemaet ses det, hvor mange penge du har, og hvad du køber. Regn ud, hvor mange penge du får tilbage. Brug gerne tallinjen som hjælp.

5. Flere af tingene er sat ned, så de er blevet billigere. Regn den nye pris ud.
6. Vælg selv, hvor mange penge du har, og hvor meget du køber. Regn ud, hvor mange penge du får tilbage.

7

Hug tallene over i 10'ere og 1'ere.



$$34 = \underline{30} + \underline{4}$$

$$61 = \underline{60} + \underline{1}$$

$$46 = \underline{40} + \underline{6}$$

$$79 = \underline{70} + \underline{9}$$

$$53 = \underline{50} + \underline{3}$$

$$28 = \underline{20} + \underline{8}$$

$$87 = \underline{80} + \underline{7}$$

$$95 = \underline{90} + \underline{5}$$

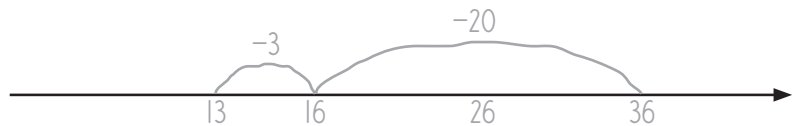


Når man trækker fra, kan det være en hjælp at hugge tallet, man trækker fra, over i 10'ere og 1'ere.

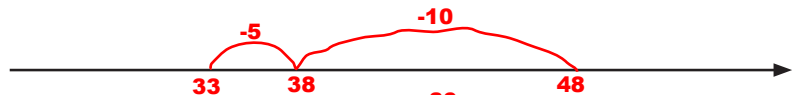
8

Hug over i 10'ere og 1'ere, og træk fra. Vis hoppene på tallinjen.

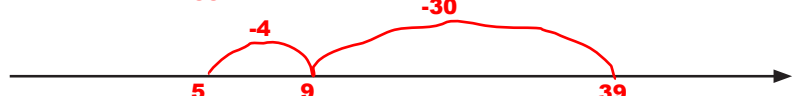
$$36 - 23 = \underline{36-20-3}$$



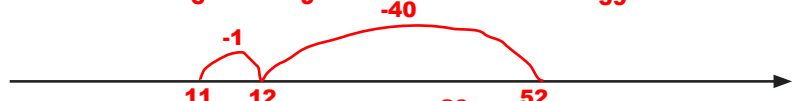
$$48 - 15 = \underline{48-10-5}$$



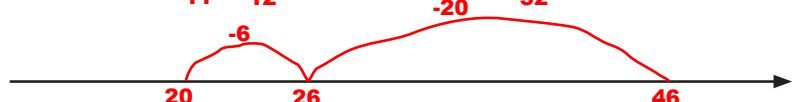
$$39 - 34 = \underline{39-30-4}$$



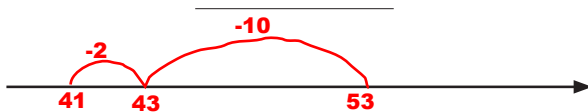
$$52 - 41 = \underline{52-40-1}$$



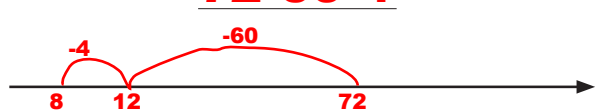
$$46 - 26 = \underline{46-20-6}$$



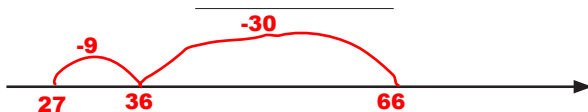
$$53 - 12 = \underline{53-10-2}$$



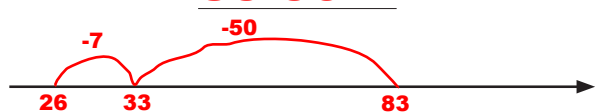
$$72 - 64 = \underline{72-60-4}$$



$$66 - 39 = \underline{66-30-9}$$



$$83 - 57 = \underline{83-50-7}$$



9

Skriv et minusstykke, der passer til hoppene på tallinjen.

$50 - \underline{23} = \underline{27}$ 	$50 - \underline{34} = \underline{16}$
$50 - \underline{19} = \underline{31}$ 	$50 - \underline{41} = \underline{9}$
$\underline{\quad} - \underline{50} = \underline{\quad}$ 	$\underline{\quad} - \underline{27} = \underline{\quad}$

10

Du har 92 kr. Hvor mange penge har du tilbage, når du har betalt?

 $\underline{76}$ kr.	 $\underline{80}$ kr.	 $\underline{24}$ kr.
 $\underline{58}$ kr.	 $\underline{43}$ kr.	 $\underline{7}$ kr.

GRUBLER

Find mange forskellige minusstykker, der passer til hoppene. 143

$\underline{-53} =$	$\underline{-53} =$	$\underline{-53} =$	$\underline{-53} =$
---------------------	---------------------	---------------------	---------------------

- 136
- 137
- 138
- 139
- 140
- 141
- 142

KOPIERING FORBUDT

9. Hoppene på tallinjerne kan være et minusstykke. Find på nogle, der begynder på 50. Vælg selv tal i de to sidste opgaver.
 10. Find ud af, hvor mange penge der er tilbage, når der er betalt. Du har 92 kr. ved hver opgave.

Grubler: Find på forskellige minusstykker, der passer til hoppene. Vælg fx fire forskellige starttal. Kan du finde på et system?

Hvor mange er der tilbage?



1 Hjælp talbørnene med at regne.

 $48 - 8 - 4 - 10 = \underline{26}$

 $48 - 11 - 11 - 7 = \underline{19}$

 $48 - 7 - 5 - 15 = \underline{21}$

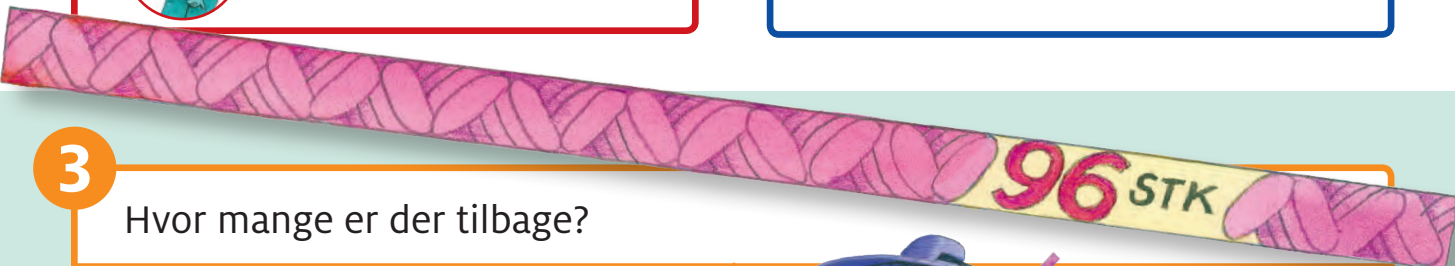
2 Skriv tal, så regnestykket passer.
Flere løsninger

$48 - \underline{\quad} - \underline{\quad} = 20$

$48 - \underline{\quad} - \underline{\quad} = 15$

$48 - \underline{\quad} - \underline{\quad} - \underline{\quad} = 3$

$48 - \underline{\quad} - \underline{\quad} - \underline{\quad} = 29$

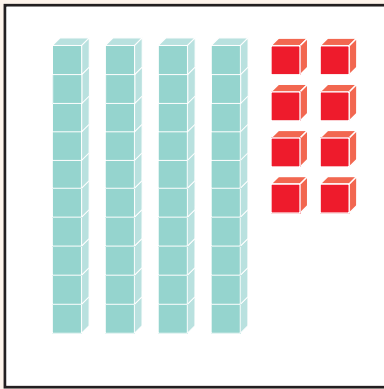


3 Hvor mange er der tilbage?

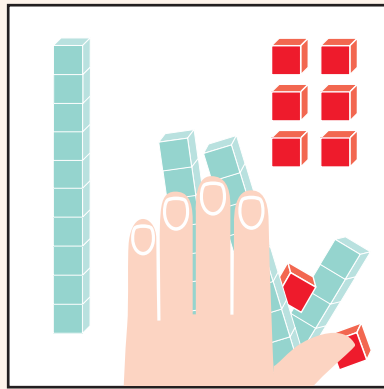
 <p>Jeg har spist 34 stykker tyggegummi.</p> <p>Der er 62 tilbage.</p>	 <p>Jeg har spist 75 stykker tyggegummi.</p> <p>Der er 21 tilbage.</p>
 <p>Jeg har spist 50 stykker tyggegummi.</p> <p>Der er 46 tilbage.</p>	 <p>Jeg har spist 86 stykker tyggegummi.</p> <p>Der er 10 tilbage.</p>



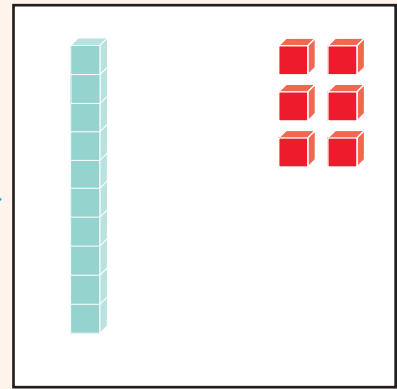
48-32



Jeg har 48.

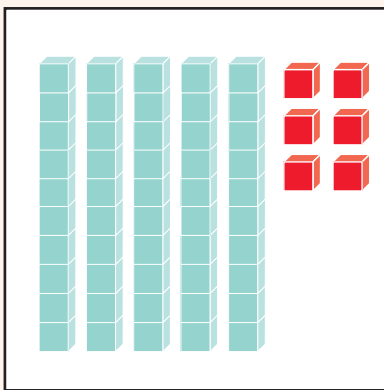


Jeg tager 32 væk.

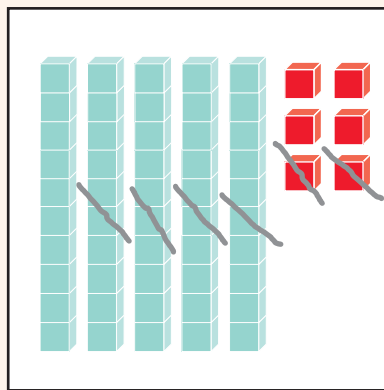


Jeg har 16 tilbage.

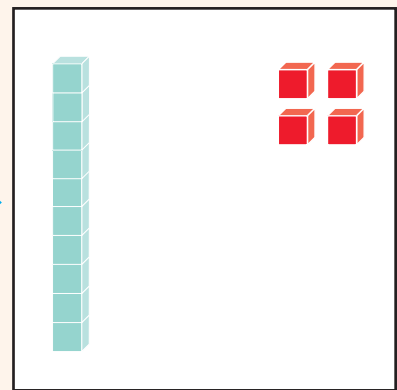
56-42



Jeg har 56.



Jeg tager 42 væk.

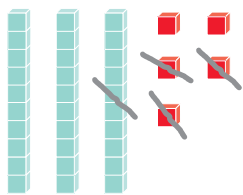


Jeg har 14 tilbage.

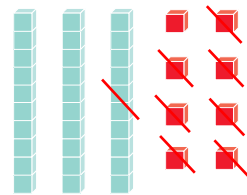
4

Regn minusstykkerne.

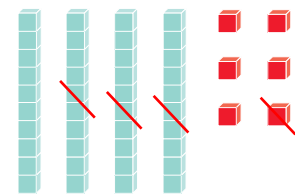
$35 - 13 = \underline{22}$



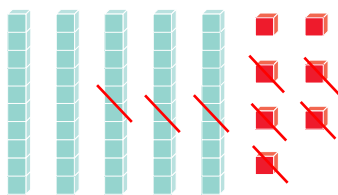
$38 - 17 = \underline{21}$



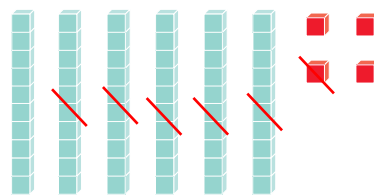
$46 - 31 = \underline{15}$



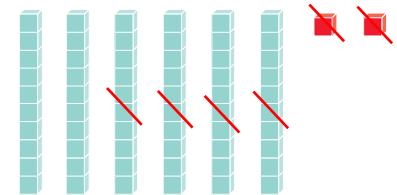
$57 - 35 = \underline{22}$



$64 - 51 = \underline{13}$

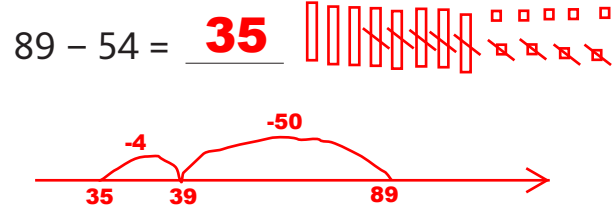
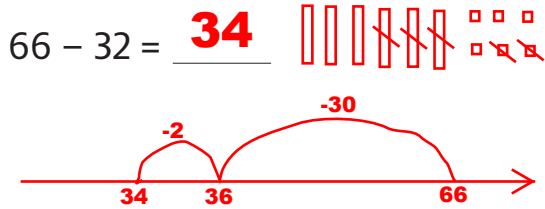
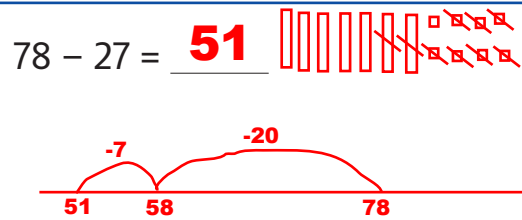
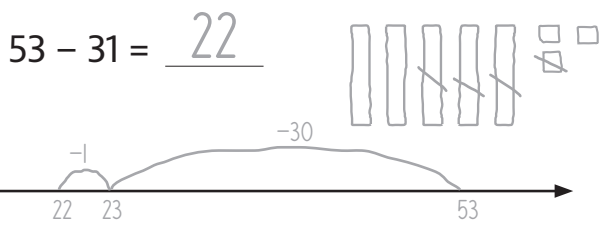


$62 - 42 = \underline{20}$



5

Minus med kuber og på tallinje.

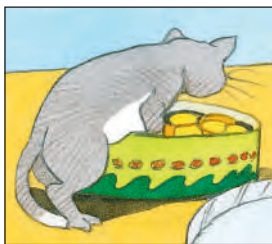


6

Få historie og regnestykke til at passe sammen.



Eva bager
58 småkager.



Katten spiser
24 af småkagerne.

Hvor mange småkager er der tilbage?

$58 - 24 = 34$



Axel har 75
fodboldkort.



Han forærer de 13
væk.

Hvor mange fodboldkort er der tilbage?

$75 - 13 = 62$

7

Hvor mange penge er der tilbage?



Jeg har	Jeg køber	Hvor mange penge har jeg tilbage?
87 kr.		64 kr.
72 kr.		41 kr.
95 kr.		40 kr.
70 kr.		10 kr.

8

Regn som Trætte Tre.



$$48 - 25$$

$$40 - 20 = 20$$

$$8 - 5 = 3$$

$$23$$

$$59 - 31$$

$$50 - 30 = 20$$

$$9 - 1 = 8$$

$$28$$

$$77 - 62$$

$$70 - 60 = 10$$

$$7 - 2 = 5$$

$$15$$

$$84 - 54$$

$$80 - 50 = 30$$

$$4 - 4 = 0$$

$$30$$

9

Regn som Seje Syv.



$$48 - 25$$

$$\begin{array}{r} 48 \\ - 25 \\ \hline 20 \quad 3 \\ 23 \end{array}$$

$$59 - 31$$

$$59 - 31$$

$$20 \quad 8$$

$$28$$

$$77 - 62$$

$$77 - 62$$

$$10 \quad 5$$

$$15$$

$$84 - 54$$

$$84 - 54$$

$$30 \quad 0$$

$$30$$

10

Regn som Nysgerrige Ni.



$$48 - 25$$

$$48 - 20 = 28$$

$$28 - 5 = 23$$

$$59 - 31$$

$$59 - 30 = 29$$

$$29 - 1 = 28$$

$$77 - 62$$

$$77 - 60 = 17$$

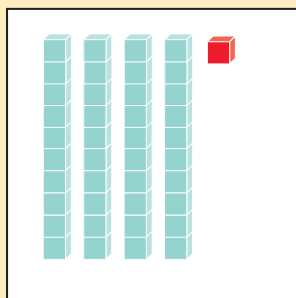
$$17 - 2 = 15$$

$$84 - 54$$

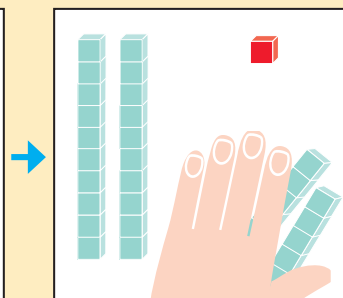
$$84 - 50 = 34$$

$$34 - 4 = 30$$

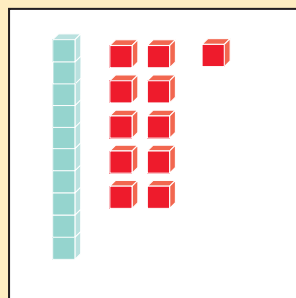
41-26



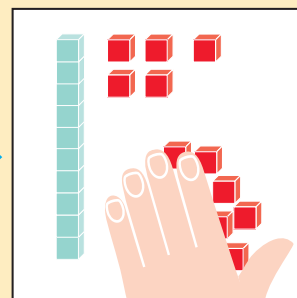
Jeg har 41.
Jeg skal tage 26 væk.



Jeg tager 20 væk.

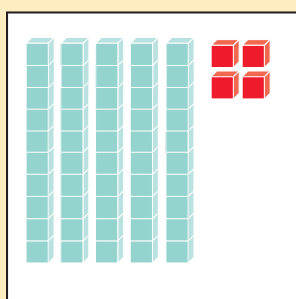


Jeg veksler en tier til 10 enere.

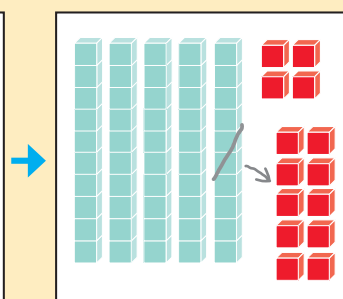


Nu kan jeg tage 6 væk.
Der er 15 tilbage.

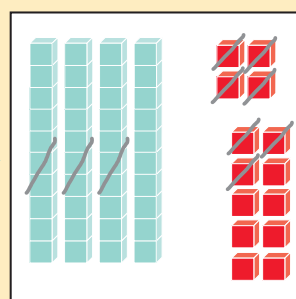
54-37



Jeg har 54.
Jeg skal tage 37 væk.



Jeg veksler en tier til 10 enere.

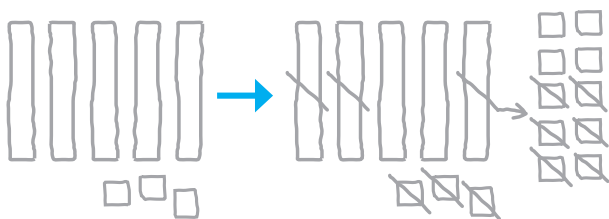


Jeg tager 37 væk.
Der er 17 tilbage.

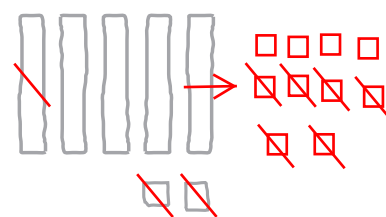
11

Regn minusstykkerne.

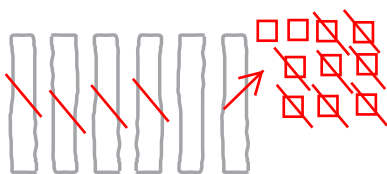
$$53 - 29 = \underline{24}$$



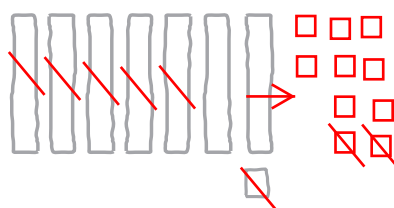
$$52 - 18 = \underline{34}$$



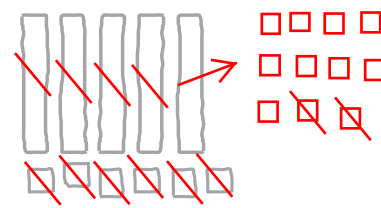
$$60 - 48 = \underline{12}$$



$$71 - 53 = \underline{18}$$



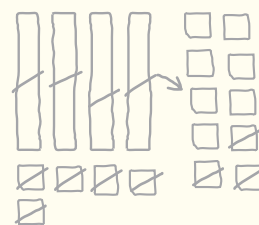
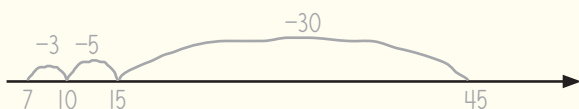
$$56 - 48 = \underline{8}$$



12

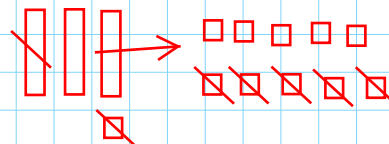
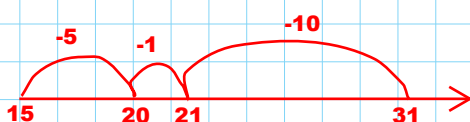
Minus med veksling med kuber og på tallinje.

$$45 - 38 = \underline{7}$$



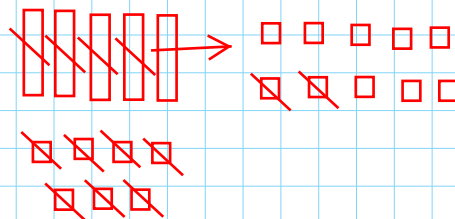
$$31 - 16 =$$

15



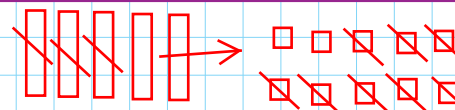
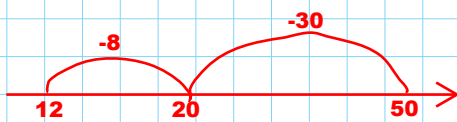
$$57 - 49 =$$

8



$$50 - 38 =$$

12



GRUBLER

Emil havde 100 kr.

Hver dag i en uge købte han en pakke fodboldkort.

En pakke kostede 13 kr.

Hvor mange penge havde Emil tilbage efter en uge?

9 kr.



- 144
- 145
- 146
- 147
- 148
- 149
- 150
- 151
- 152
- 153

12. Regn minusstykkerne ud ved hjælp af de to strategier. Husk at veksle, når der arbejdes med kuberne. Brug gerne kuber, når du regner. Tænk over, hvilken metode du bedst kan lide.

Grubler: Oversæt historien til et regnestykke eller flere regnestykker for at finde ud af, hvor mange penge Emil havde tilbage. Brug gerne tallinjen, mønter, kuber eller andre konkrete materialer som hjælp.

Hvor stor er forskellen?



1

Hvor stor er forskellen på antallet af lykkedyr?

2

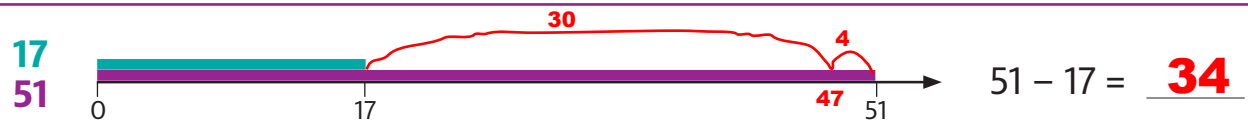
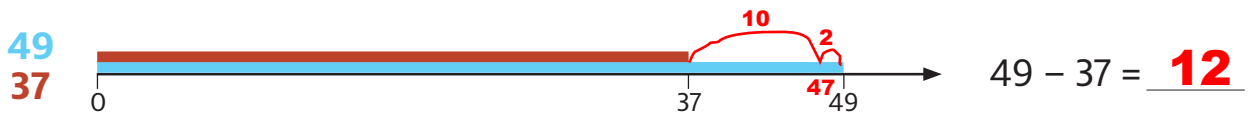
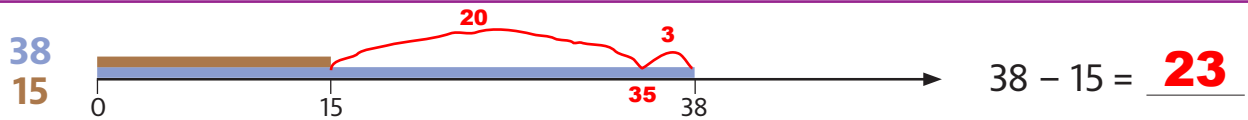
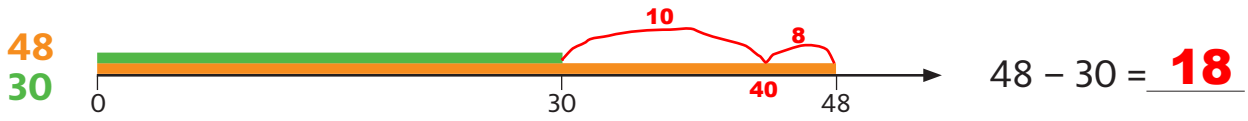
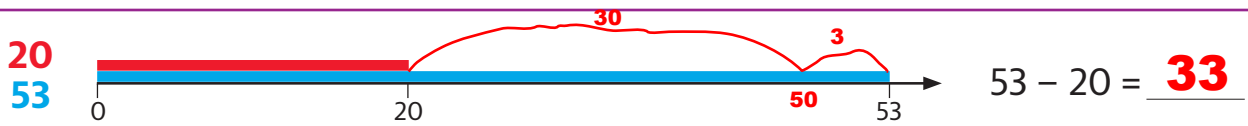
Hvor stor er forskellen på længden af pindene?

35 cm	60 cm	25 cm
74 cm	54 cm	20 cm
95 cm	45 cm	50 cm
20 cm	80 cm	60 cm



3

Find forskellen. Brug gerne tallinjen.

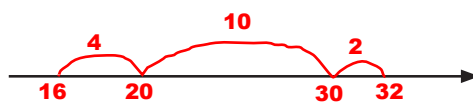


4

Hvor mange lykkedyr mangler de?



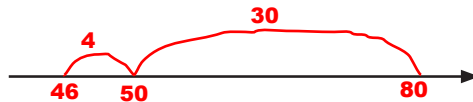
Bare jeg havde 32 lykkedyr.



Elegante Et mangler **16** lykkedyr.



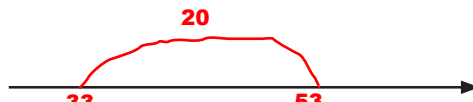
Bare jeg havde 80 lykkedyr.



Tænksomme To mangler **34** lykkedyr.



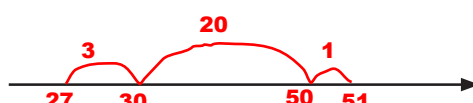
Bare jeg havde 53 lykkedyr.



Friske Fem mangler **20** lykkedyr.



Bare jeg havde 51 lykkedyr.



Opfindsomme Otte mangler **24** lykkedyr.

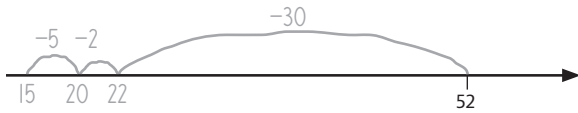
3. Pindene fra opgave 2 er overført til streger på tallinjen. Find forskellen mellem de to farvede pinde enten ved hjælp af plus eller minus.

4. Der arbejdes med metoden "at fylde op". Fra side 68 ved man, hvor mange lykkedyr talbørnene har. Regn ud, hvor mange de mangler for at have så mange lykkedyr, de ville ønske, at de havde.

5

Regn minusstykkerne. Gør det på to forskellige måder.

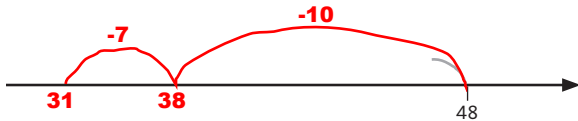
$$52 - 37 = \underline{15}$$



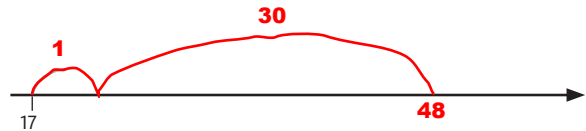
$$52 - 37 = \underline{\hspace{2cm}}$$



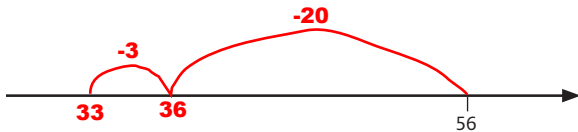
$$48 - 17 = \underline{31}$$



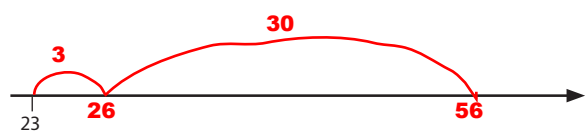
$$48 - 17 = \underline{31}$$



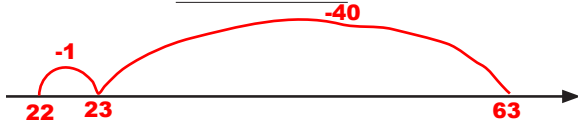
$$56 - 23 = \underline{33}$$



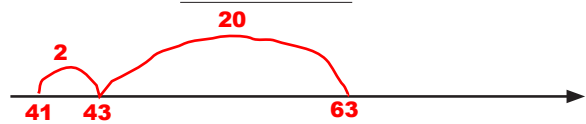
$$56 - 23 = \underline{33}$$



$$63 - 41 = \underline{22}$$



$$63 - 41 = \underline{22}$$



6

Regn opgaverne i historierne.



Tænksomme To har 46 lykkedyr. En dag taber hun 28 lykkedyr ud af lommen. Hvor mange lykkedyr har hun tilbage?

18 lykkedyr



Karl og Lea sælger noget af deres legetøj. En dag har Karl solgt for 58 kr., og Lea har solgt for 84 kr. Hvad er forskellen på det beløb, Karl og Lea solgte for?

26 kr.

7

Farv tal i taltavlen, så de farvede tal finder deres 100-makker.

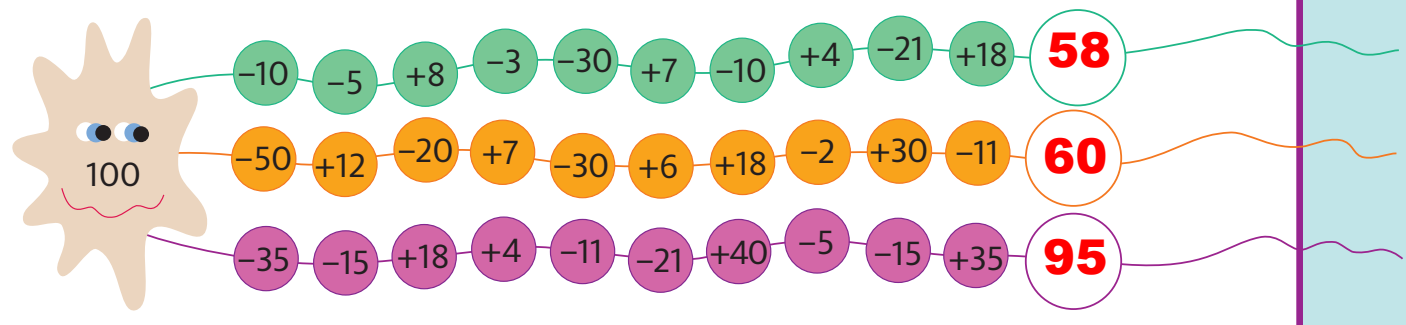
94 31 9
 77 48 26
 62 85
 23

Fejl
 23 står der to gange

100	101	102	103	104	105	106	107	108	109
90	91	92	93	94	95	96	97	98	99
80	81	82	83	84	85	86	87	88	89
70	71	72	73	74	75	76	77	78	79
60	61	62	63	64	65	66	67	68	69
50	51	52	53	54	55	56	57	58	59
40	41	42	43	44	45	46	47	48	49
30	31	32	33	34	35	36	37	38	39
20	21	22	23	24	25	26	27	28	29
10	11	12	13	14	15	16	17	18	19
0	1	2	3	4	5	6	7	8	9

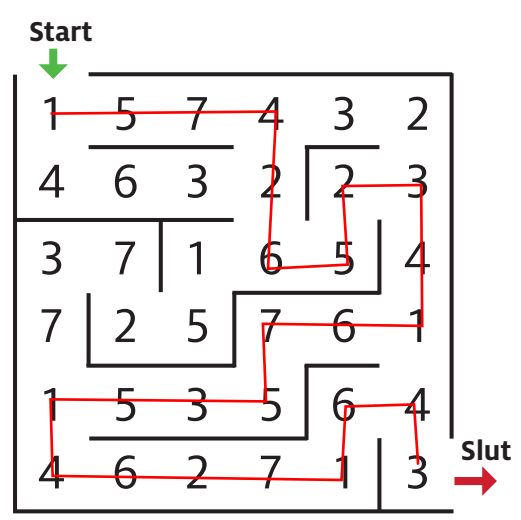
8

Start på 100, og regn som vist. Hvilket tal ender du på?



GRUBLER

Find den vej gennem labyrinten, hvor tallene lagt sammen giver præcis 100.
 Find også det laveste tal og det højeste tal, du kan nå frem til.



- 154
- 155
- 156
- 157
- 158
- 159
- 160
- 161

KOPIERING FORBUDT

7. Farv tal i taltavlen, så hvert af de farvede tal kobles med sin makker. Farv fx 52 rød, idet 48+52 = 100.
 8. Regn fra 100. Læg mærke til, om du skal lægge til eller trække fra. Brug gerne den tomme tallinje som hjælp.

Grubler: Læg tallene i labyrinten sammen, når du passerer dem. Forsøg at finde den vej, der giver 100. Find også den vej, der giver det laveste tal, og den vej, der giver det højeste tal.

Tænk efter

1

Madpakker

Hvor mange madpakker spiser jeres klasse på en uge?



2

Træk fra og træk fra og træk fra ...

Cifrene 7 og 2 kan blive til to tal:
72 og 27

Træk de to tal fra hinanden.
 $72 - 27 = 45$

Cifrene 4 og 5 kan blive til:
54 og 45

Træk de to tal fra hinanden.
Prøv med andre tal. Er der et mønster?

