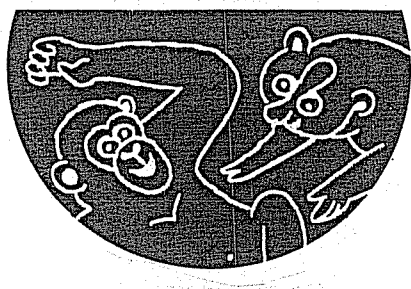


leerling:
groep:

maatwerk oranje



onderdeel 2

het oerwoud

blok 5

chimpansee

automatiseren van optelsommen over het tiental

werkbladen

computerprogramma

2 het oer

5 automati 34 t/m 44

chimpansee

5a: optellen en aftrekken met vijf- en tienstructuren

2 het oerwoud

potto

5b: zelf plussommen maken in de bloemisterij

1911
1912

1913
1914

1915

1916



1917

1918

1919

1920

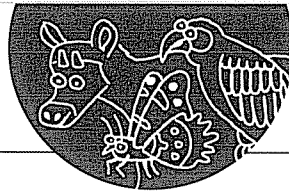
1921

1922

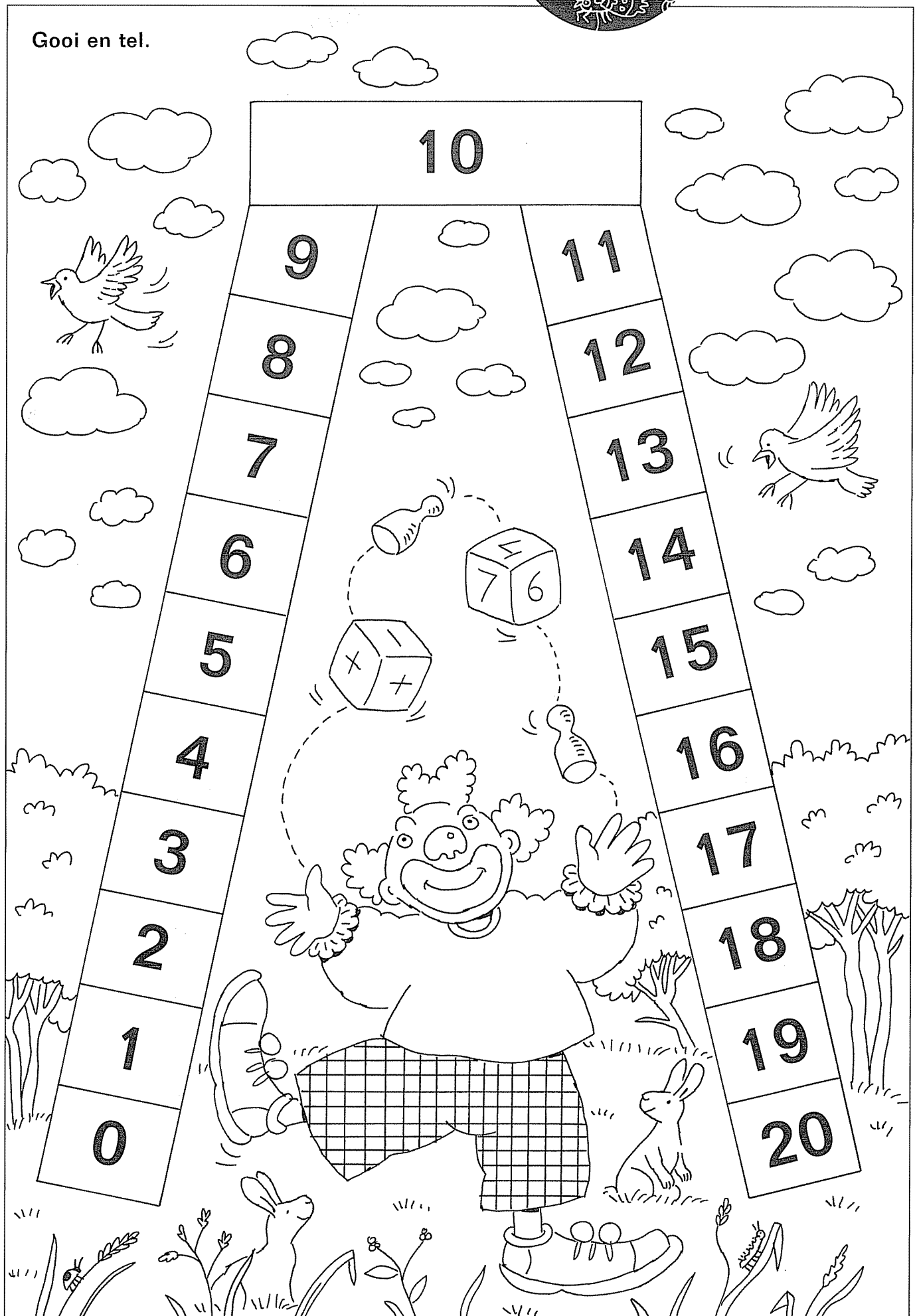
1923

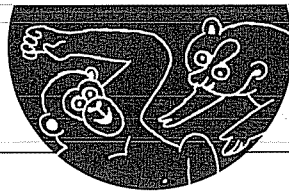
1924

1925



Gooi en tel.





1 Optelsommen maken.

..... + = 10 + = 11 + = 12 + = 13

..... + = 10 + = 11 + = 12 + = 13

..... + = 10 + = 11 + = 12 + = 13

..... + = 10 + = 11 + = 12 + = 13

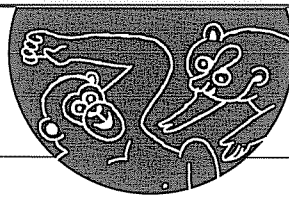
..... + = 10 + = 11 + = 12 + = 13

2 Optel-machientjes.

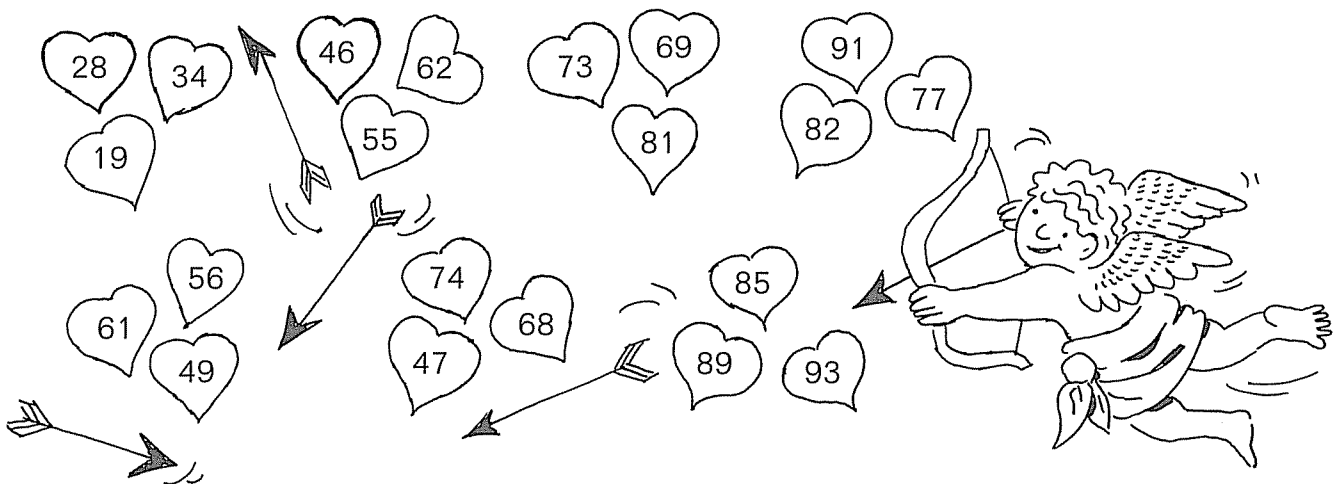
7 9 6 8 10 +3	6 8 5 7 9 +4	+8 +7 +6 +3 +4 +5	5 7 9 6 8 +5
6 9 5 8 7 +6	7 8 5 6 9 +7		8 5 9 7 6 +8

3 Hoeveel kost het samen?

samen	samen
samen	samen
samen	samen



1 Kleur bij elk groepje steeds het hartje met het grootste getal.



2 Optel-tabellen.

+	2	3	4
7			
8			
9			

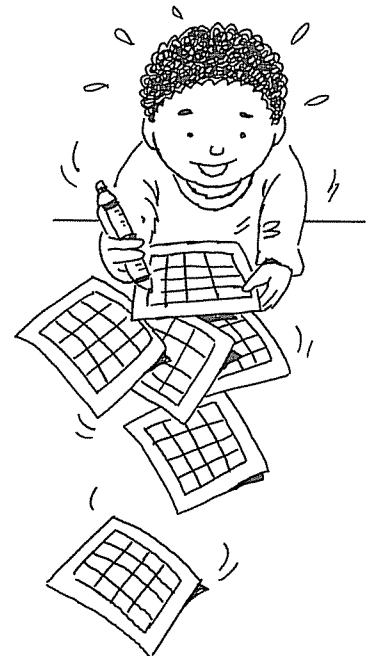
+	5	3	4
7			
8			
9			

+	6	7	8
6			
7			
8			

+	3	5	7
7			
8			
9			

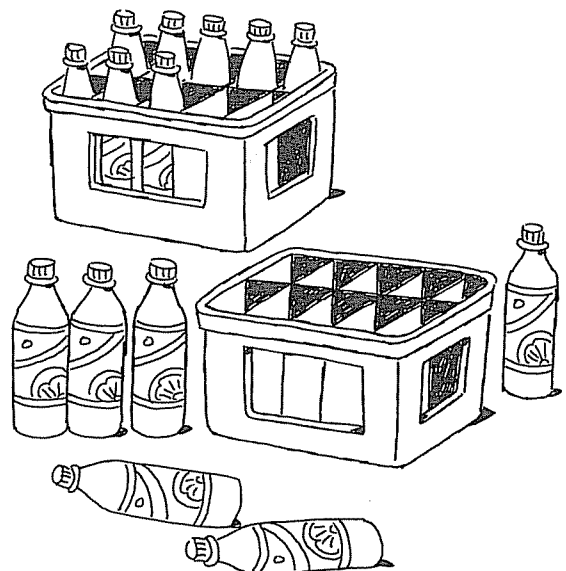
+	4	6	8
6			
7			
8			

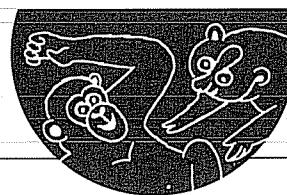
+	7	8	9
4			
5			
6			



3 Hoeveel flesjes zitten er in de kratjes?

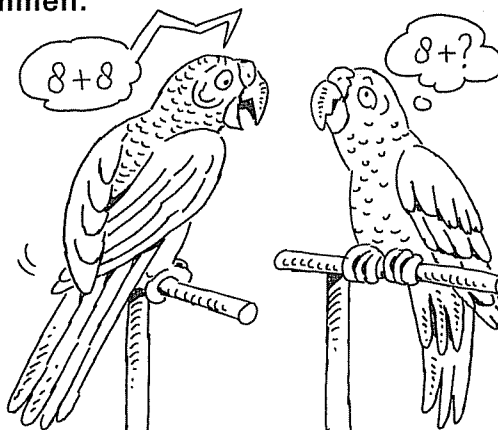
Eerst:	Je zet erbij:	Nu:
8	6	
9	4	
7	8	
5	9	
6	7	
8	9	
7	5	
6	8	
9	6	





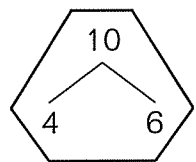
1 Bedenk zelf steeds andere sommen.

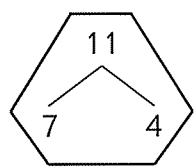
$8 + 8 = 16$ $10 + 10 = 20$
 $..... + = 16$ $..... + = 20$
 $..... + = 16$ $..... + = 20$
 $..... + = 16$ $..... + = 20$
 $..... + = 16$ $..... + = 20$

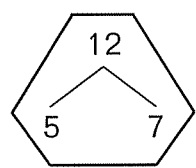


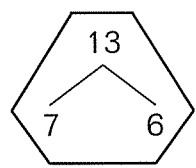
$20 + 20 = 40$
 $..... + = 40$
 $..... + = 40$
 $..... + = 40$
 $..... + = 40$

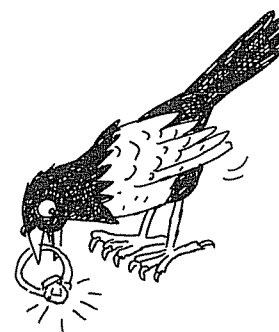
2 Welke sommen horen erbij?


 $4 + 6 = 10$
 $6 + 4 = 10$
 $10 - 4 = 6$
 $10 - 6 = 4$

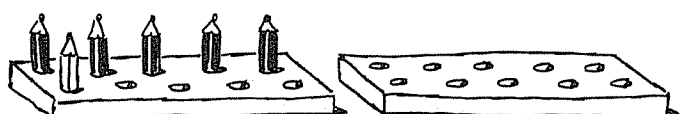
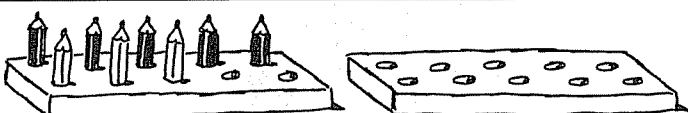
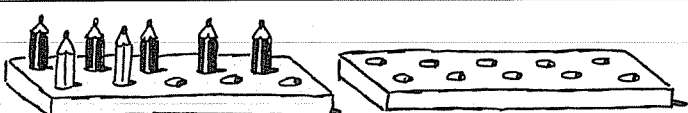
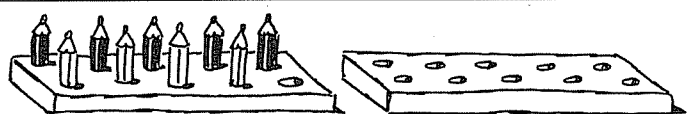
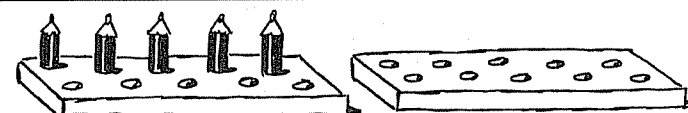

 $.....$
 $.....$
 $.....$

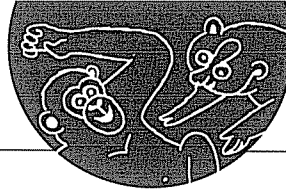

 $.....$
 $.....$
 $.....$


 $.....$
 $.....$
 $.....$



3 Hoeveel heb je er nu?

Je hebt:	Je krijgt erbij:	Nu heb je:
	8 potloden	 potloden
	7 potloden	 potloden
	5 potloden	 potloden
	6 potloden	 potloden
	9 potloden	 potloden

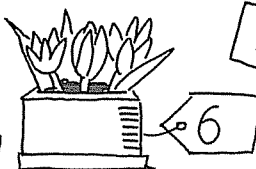
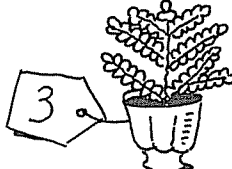
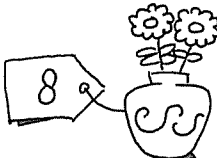
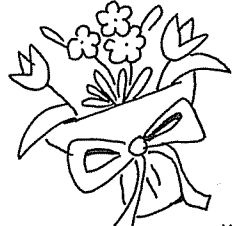
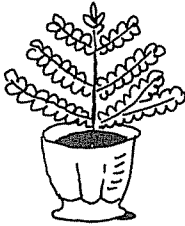
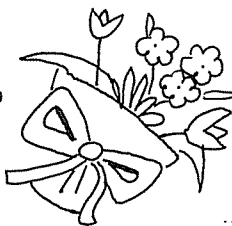
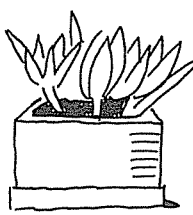
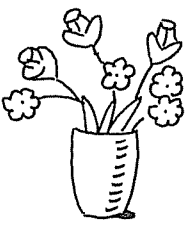
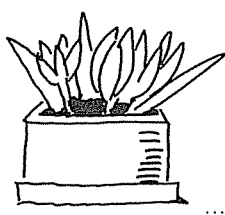


1 Zet de getallen van klein naar groot.

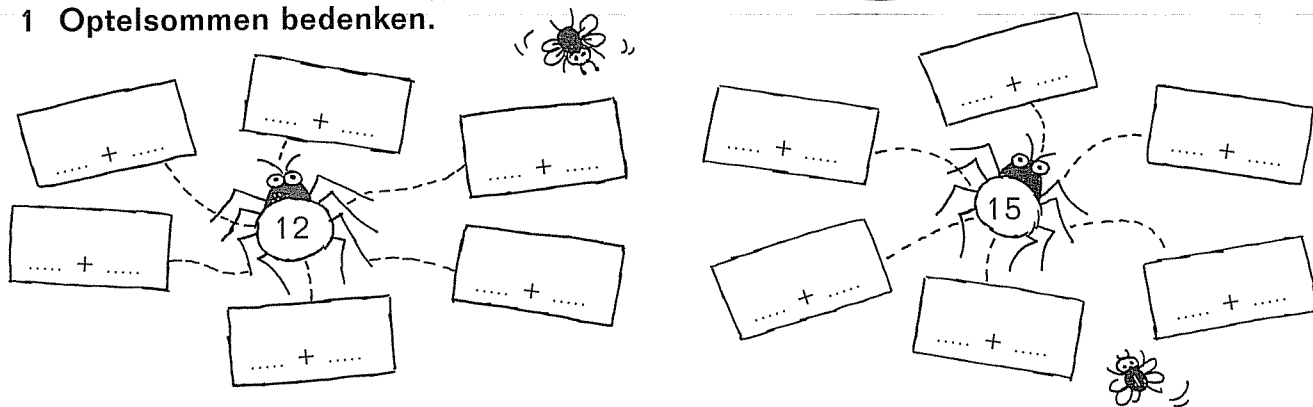
27	31	19	→			
49	55	52	→			
63	57	71	→			
75	69	57	→			
67	76	69	→			

43	34	40	→			
66	73	59	→			
69	84	92	→			
86	77	68	→			
92	89	90	→			

2 Wat kost het samen? Schrijf de som erbij.

    	
    	
 	 + =
 	 + =
 	 + =
 	 + =
 	 + =
 	 + =
 	 + =
 	 + =

1 Optelsommen bedenken.



2 Sommen maken met geld.



$$7 + 7 = 14$$

$$14 - 4 = 10$$

$$..... + = 14$$

$$14 - =$$

$$..... + = 14$$

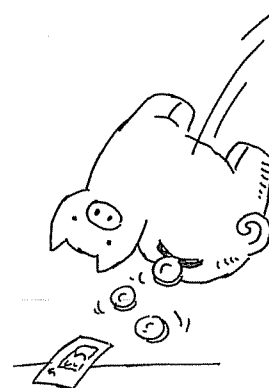
$$14 - =$$

$$..... + = 14$$

$$14 - =$$

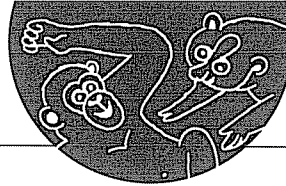
$$..... + = 14$$

$$14 - =$$



3 Hoeveel heb je er nu?

Je hebt:	Je krijgt erbij:	Nu heb je:
	6 eieren	 eieren
	8 eieren	 eieren
	7 eieren	 eieren
	5 eieren	 eieren
	9 eieren	 eieren
	4 eieren	 eieren
	7 eieren	 eieren



1 Zoek drie getallen.

2	3
4	5

Samen 10:
 $2 + 3 + 5 = 10$

3	2
7	6

Samen 12:

3	4
6	5

Samen 13:

8	4
2	6

Samen 14:

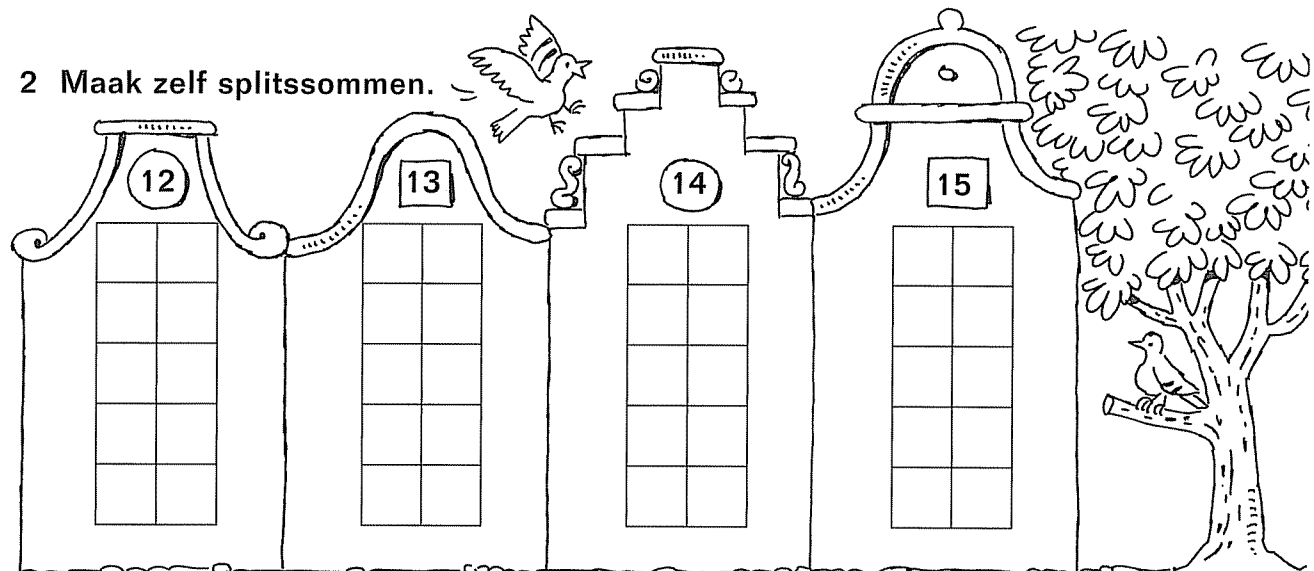
4	5
6	7

Samen 15:

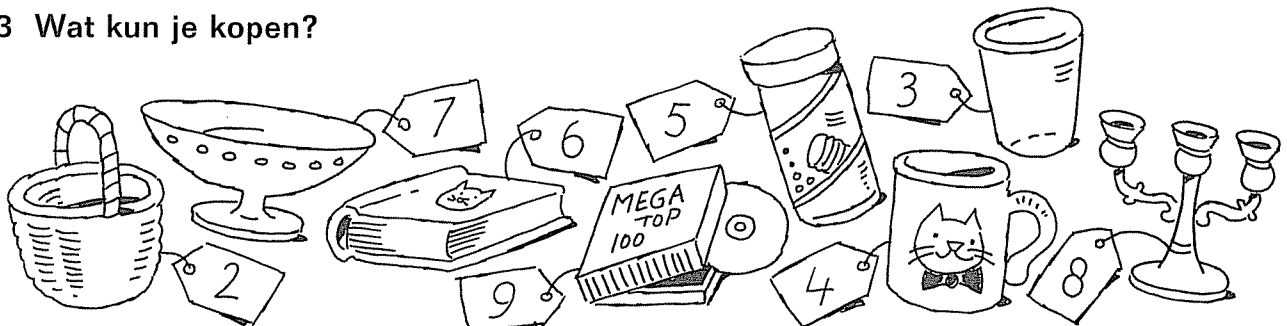
5	3
7	6

Samen 16:

2 Maak zelf splitssommen.

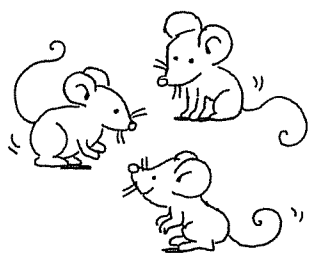


3 Wat kun je kopen?





1 Maak er meer van.



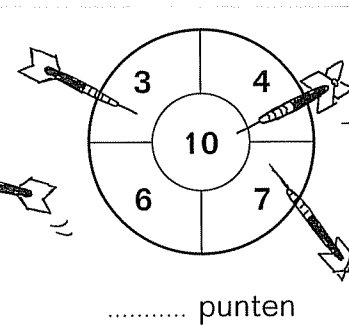
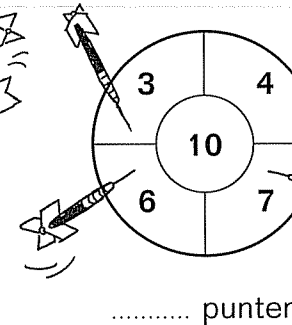
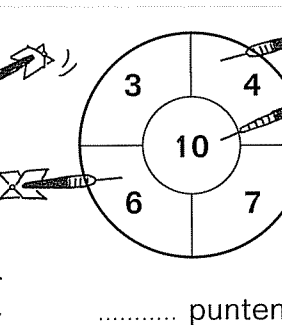
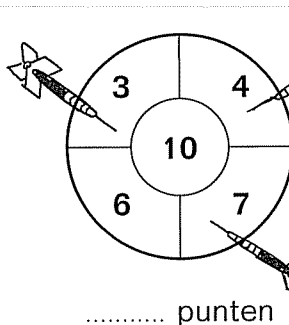
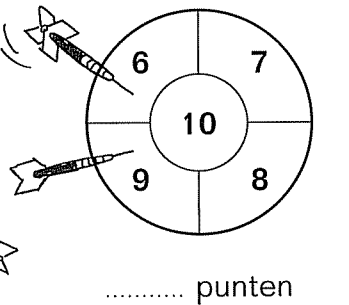
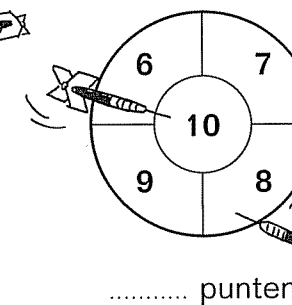
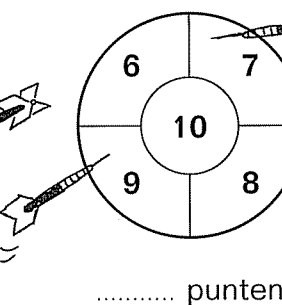
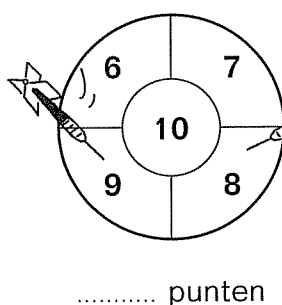
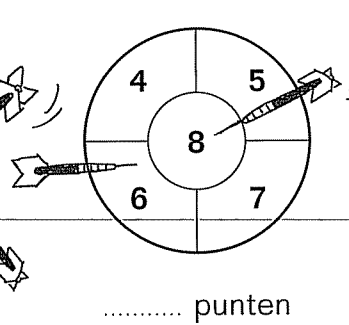
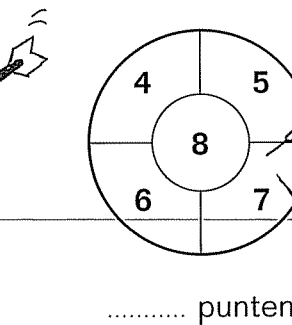
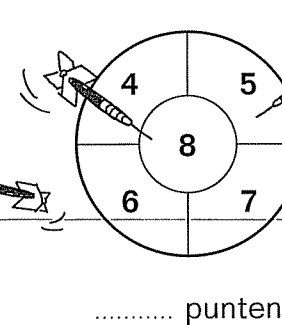
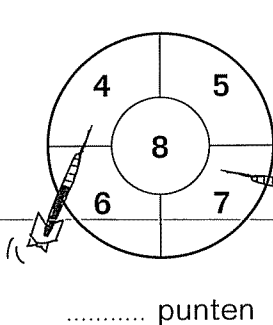
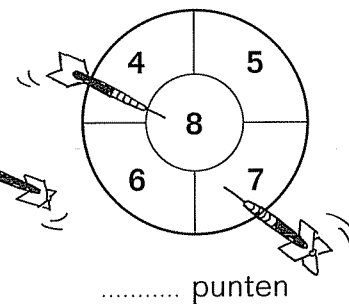
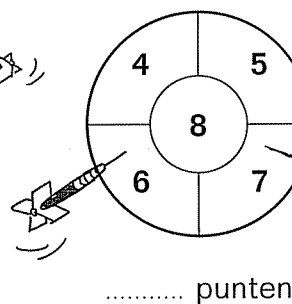
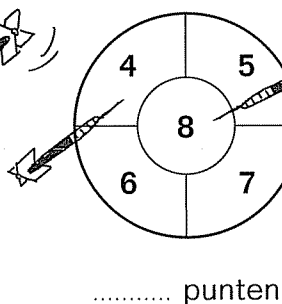
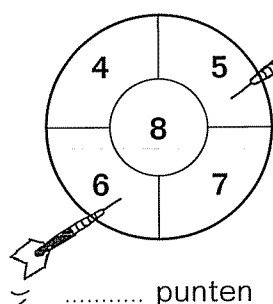
2 meer	
8	10
6	
9	
7	
10	

3 meer	
8	
5	
7	
9	
10	

4 meer	
8	
7	
9	
6	
10	

5 meer	
8	
6	
7	
8	
10	

2 Kijk goed naar de pijltjes. Hoeveel punten zijn het samen?





1 Handig rekenen.

$10 + 5 = \dots$

$10 + 2 = \dots$

$3 + 10 = \dots$

$8 + 10 = \dots$

$9 + 5 = \dots$

$9 + 2 = \dots$

$3 + 9 = \dots$

$8 + 9 = \dots$

$10 + 7 = \dots$

$10 + 4 = \dots$

$5 + 10 = \dots$

$6 + 10 = \dots$

$9 + 7 = \dots$

$9 + 4 = \dots$

$5 + 9 = \dots$

$6 + 9 = \dots$

$10 + 3 = \dots$

$10 + 8 = \dots$

$4 + 10 = \dots$

$7 + 10 = \dots$

$9 + 3 = \dots$

$9 + 8 = \dots$

$4 + 9 = \dots$

$7 + 9 = \dots$



2 Reken uit.

$8 + 5 = \dots$

$6 + 7 = \dots$

$4 + 8 = \dots$

$7 + 8 = \dots$

$9 + 4 = \dots$

$7 + 4 = \dots$

$5 + 6 = \dots$

$2 + 9 = \dots$

$8 + 8 = \dots$

$9 + 6 = \dots$

$4 + 9 = \dots$

$9 + 7 = \dots$

$7 + 6 = \dots$

$5 + 8 = \dots$

$3 + 8 = \dots$

$8 + 3 = \dots$

$9 + 3 = \dots$

$8 + 9 = \dots$

$9 + 9 = \dots$

$4 + 7 = \dots$



$7 + 5 = \dots$

$9 + 2 = \dots$

$5 + 7 = \dots$

$3 + 9 = \dots$

$5 + 9 = \dots$

$6 + 9 = \dots$

$8 + 7 = \dots$

$6 + 6 = \dots$

$6 + 5 = \dots$

$9 + 5 = \dots$

$6 + 8 = \dots$

$8 + 6 = \dots$

$7 + 7 = \dots$

$9 + 8 = \dots$

$8 + 4 = \dots$

$7 + 9 = \dots$

$9 + 7 = \dots$

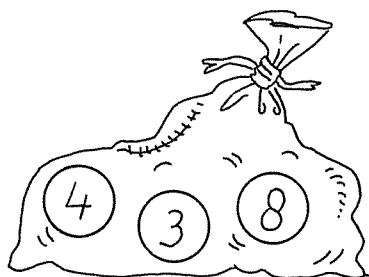
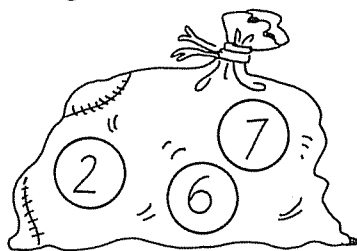
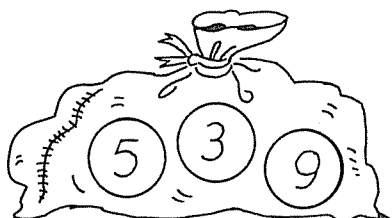
$7 + 8 = \dots$

$5 + 8 = \dots$

$8 + 9 = \dots$



3 Grabbelen. Haal uit elke zak een getal.



Maak 8: $3 + \dots + \dots = 8$

Maak 15: $\dots + \dots + \dots = \dots$

Maak 9: $\dots + \dots + \dots = \dots$

Maak 20: $\dots + \dots + \dots = \dots$

Maak 10: $\dots + \dots + \dots = \dots$

Maak 16: $\dots + \dots + \dots = \dots$

Maak 12: $\dots + \dots + \dots = \dots$

Maak 18: $\dots + \dots + \dots = \dots$

Maak zelf ook nog een paar getallen.

Kies de goede kleur.

18 = rood

14 = blauw

17 = geel

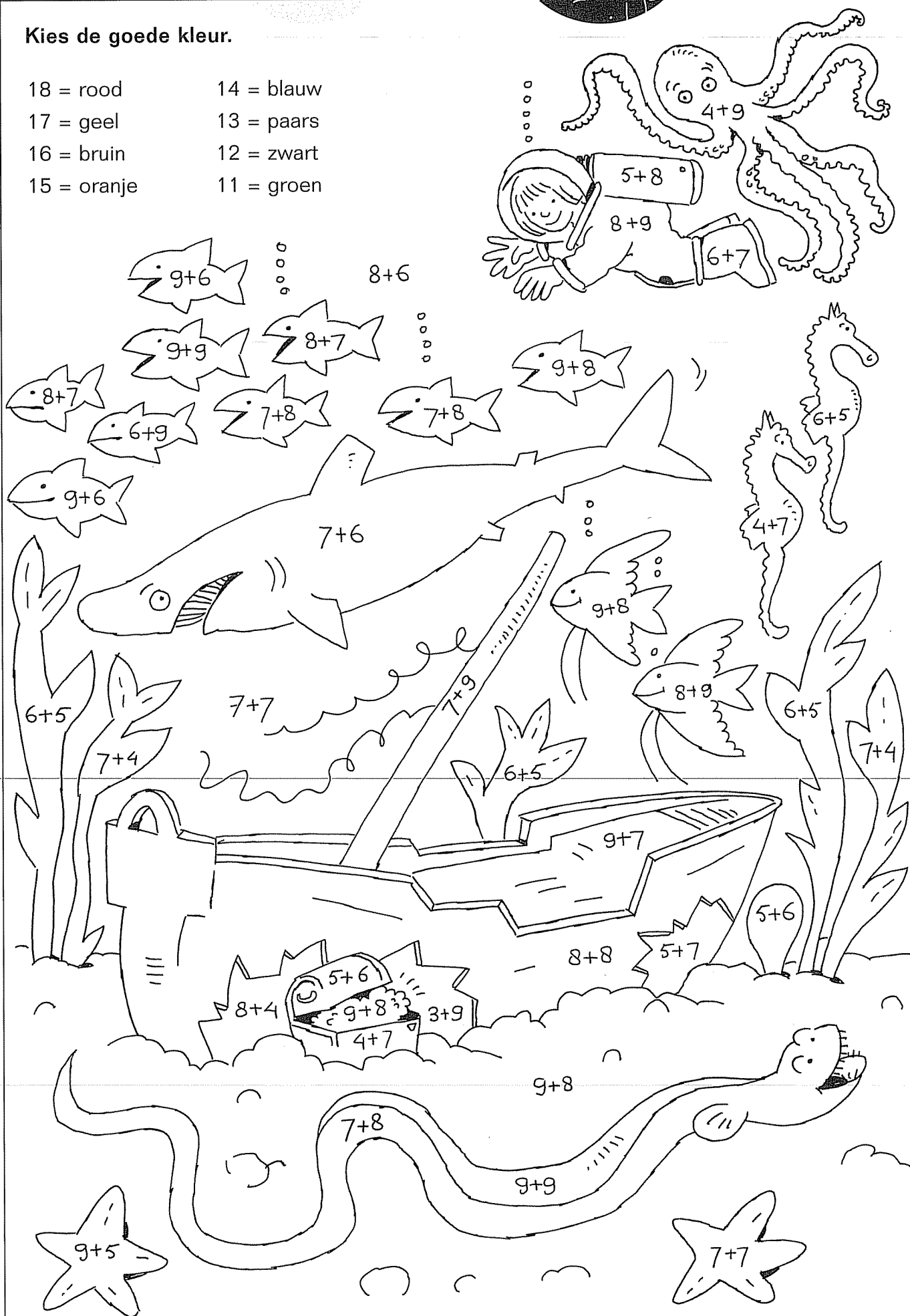
13 = paars

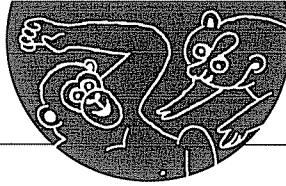
16 = bruin

12 = zwart

15 = oranje

11 = groen





Oefenen met een schuifkaartje.

$$5 + 5 = 10$$

$$5 + 6 = 11$$

$$6 + 5 = 11$$

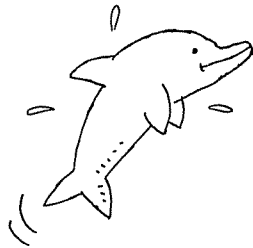
$$7 + 5 = 12$$

$$5 + 7 = 12$$

$$6 + 6 = 12$$

$$6 + 7 = 13$$

$$7 + 6 = 13$$



$$6 + 6 = 12$$

$$6 + 8 = 14$$

$$8 + 6 = 14$$

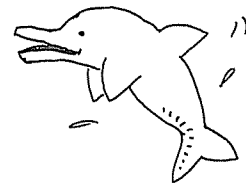
$$9 + 5 = 14$$

$$5 + 9 = 14$$

$$5 + 8 = 13$$

$$8 + 5 = 13$$

$$7 + 6 = 13$$



$$7 + 7 = 14$$

$$7 + 8 = 15$$

$$8 + 7 = 15$$

$$9 + 7 = 16$$

$$7 + 9 = 16$$

$$8 + 8 = 16$$

$$8 + 9 = 17$$

$$9 + 8 = 17$$



$$10 + 6 = 16$$

$$9 + 6 = 15$$

$$6 + 9 = 15$$

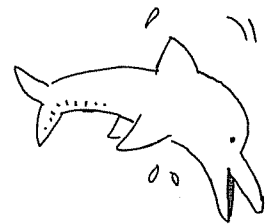
$$10 + 4 = 14$$

$$9 + 4 = 13$$

$$4 + 9 = 13$$

$$10 + 7 = 17$$

$$9 + 7 = 16$$



$$9 + 2 = 11$$

$$2 + 9 = 11$$

$$3 + 9 = 12$$

$$9 + 3 = 12$$

$$8 + 4 = 12$$

$$4 + 8 = 12$$

$$4 + 7 = 11$$

$$7 + 4 = 11$$



$$8 + 3 = 11$$

$$3 + 8 = 11$$

$$6 + 8 = 14$$

$$5 + 8 = 13$$

$$6 + 7 = 13$$

$$6 + 9 = 15$$

$$7 + 8 = 15$$

$$8 + 9 = 17$$





Oefenkaart.



$6 + 7 = 13$

$5 + 8 = 13$

$6 + 8 = 14$

$3 + 8 = 11$

$8 + 3 = 11$

$9 + 9 = 18$

$9 + 8 = 17$

$8 + 9 = 17$

$8 + 7 = 15$

$8 + 8 = 16$

$9 + 7 = 16$

$4 + 9 = 13$

$9 + 4 = 13$

$6 + 9 = 15$

$9 + 6 = 15$

$2 + 9 = 11$

$9 + 2 = 11$

$7 + 6 = 13$

$6 + 7 = 13$

$6 + 6 = 12$

$5 + 9 = 14$

$9 + 5 = 14$

$8 + 6 = 14$

$6 + 8 = 14$

$4 + 7 = 11$

$7 + 9 = 16$

$9 + 7 = 16$

$8 + 7 = 15$

$7 + 8 = 15$

$7 + 7 = 14$

$7 + 4 = 11$

$8 + 4 = 12$

$4 + 8 = 12$

$9 + 3 = 12$

$3 + 9 = 12$

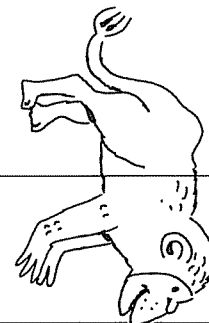
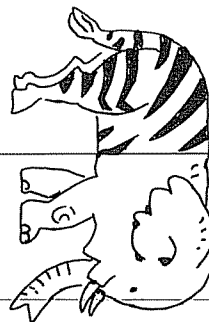
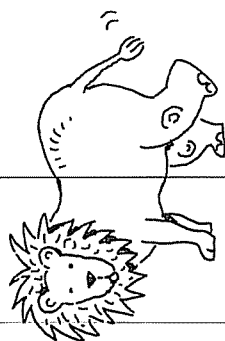
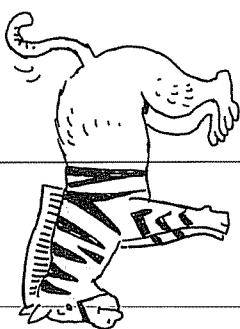
$5 + 7 = 12$

$7 + 5 = 12$

$6 + 5 = 11$

$5 + 6 = 11$

$5 + 5 = 10$



$5 + 5 = \dots$

$5 + 6 = \dots$

$6 + 5 = \dots$

$7 + 5 = \dots$

$5 + 7 = \dots$

$3 + 9 = \dots$

$9 + 3 = \dots$

$4 + 8 = \dots$

$8 + 4 = \dots$

$7 + 4 = \dots$

$7 + 7 = \dots$

$7 + 8 = \dots$

$8 + 7 = \dots$

$9 + 7 = \dots$

$7 + 9 = \dots$

$4 + 7 = \dots$

$6 + 8 = \dots$

$8 + 6 = \dots$

$9 + 5 = \dots$

$5 + 9 = \dots$

$6 + 6 = \dots$

$6 + 7 = \dots$

$7 + 6 = \dots$

$6 + 2 = \dots$

$2 + 6 = \dots$

$6 + 6 = \dots$

$6 + 9 = \dots$

$6 + 4 = \dots$

$4 + 9 = \dots$

$9 + 7 = \dots$

$8 + 8 = \dots$

$8 + 7 = \dots$

$8 + 9 = \dots$

$6 + 8 = \dots$

$6 + 6 = \dots$

$8 + 3 = \dots$

$3 + 8 = \dots$

$6 + 8 = \dots$

$5 + 8 = \dots$

$6 + 7 = \dots$