

# Rechnen durch gedachte Anschauungen

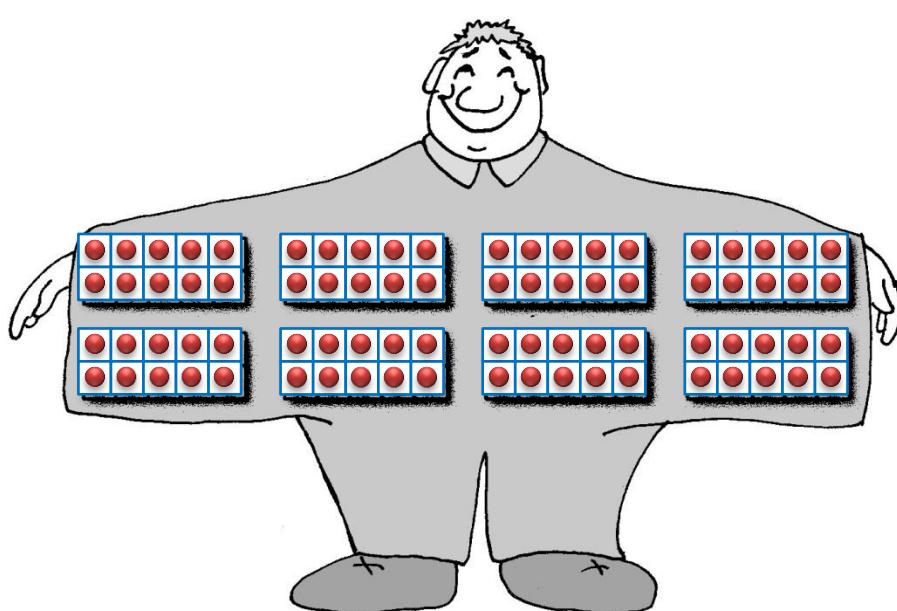
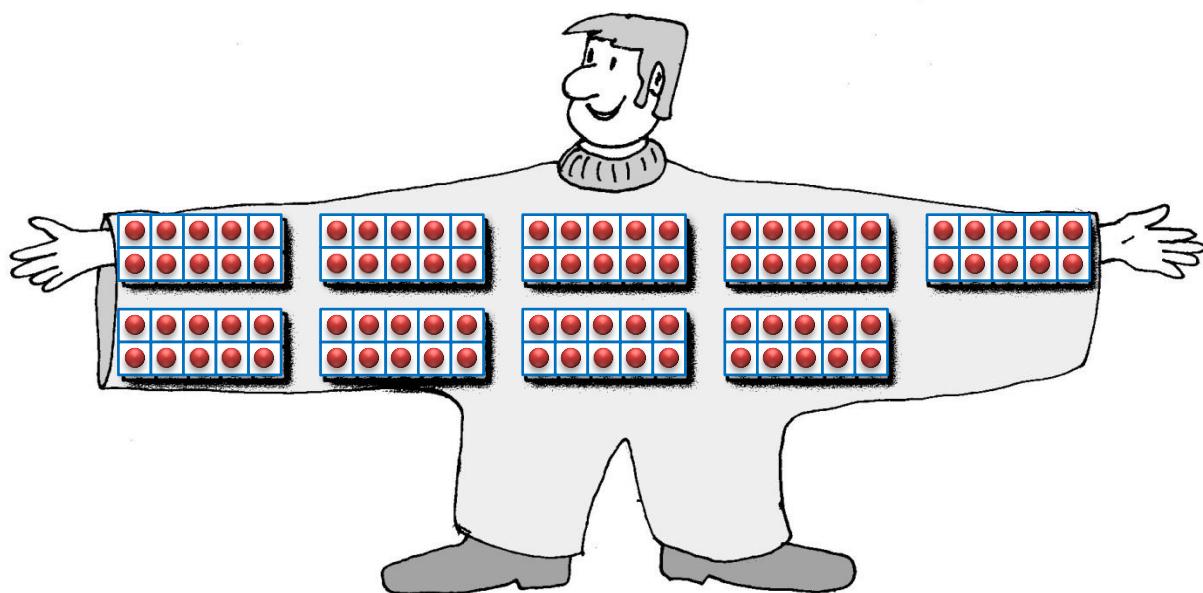
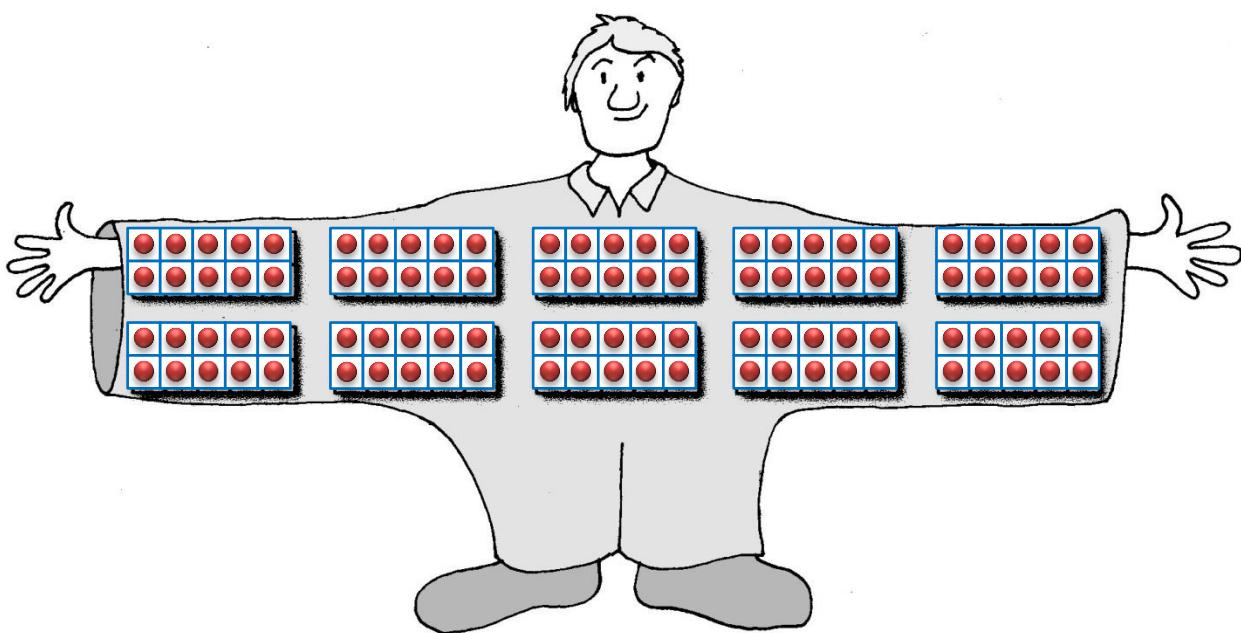
## Arbeitsblätter und Unterrichtsmittel

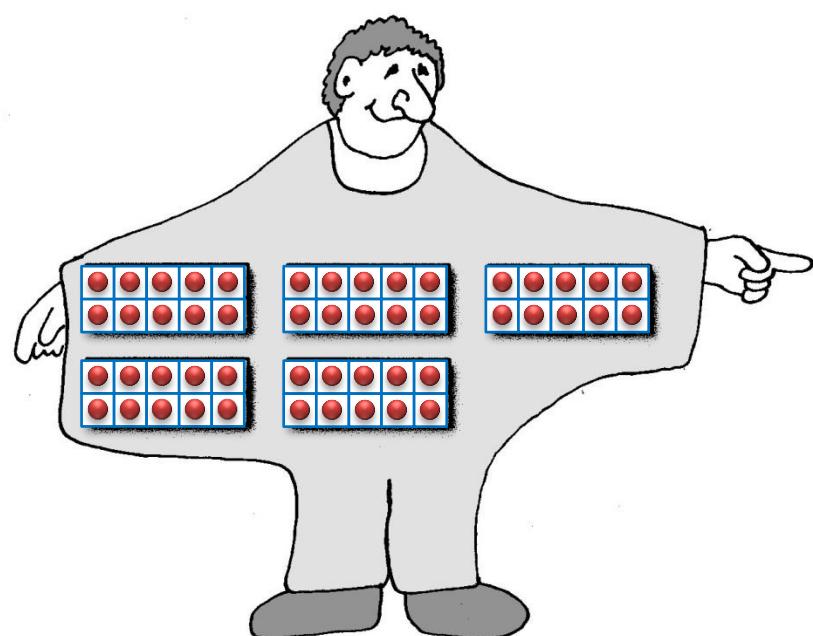
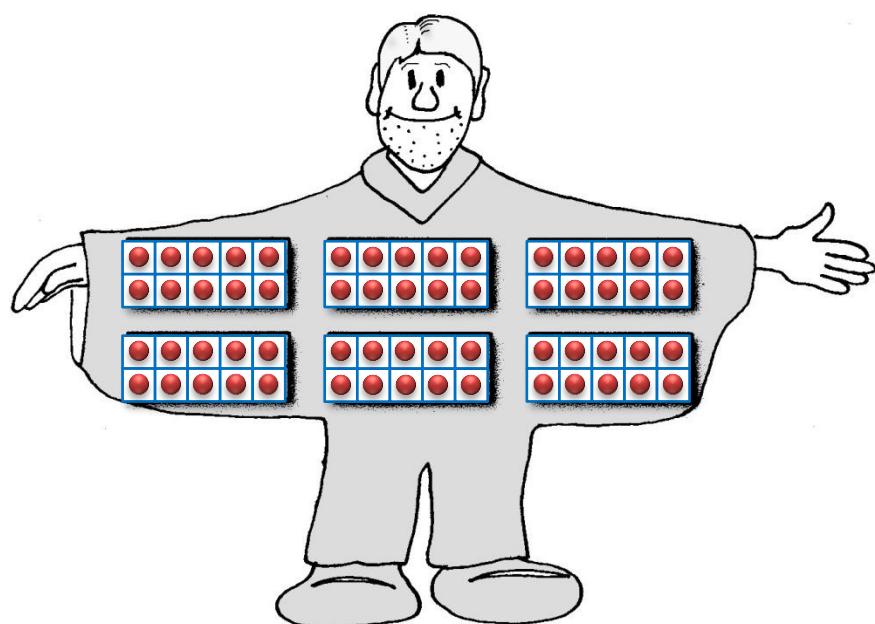
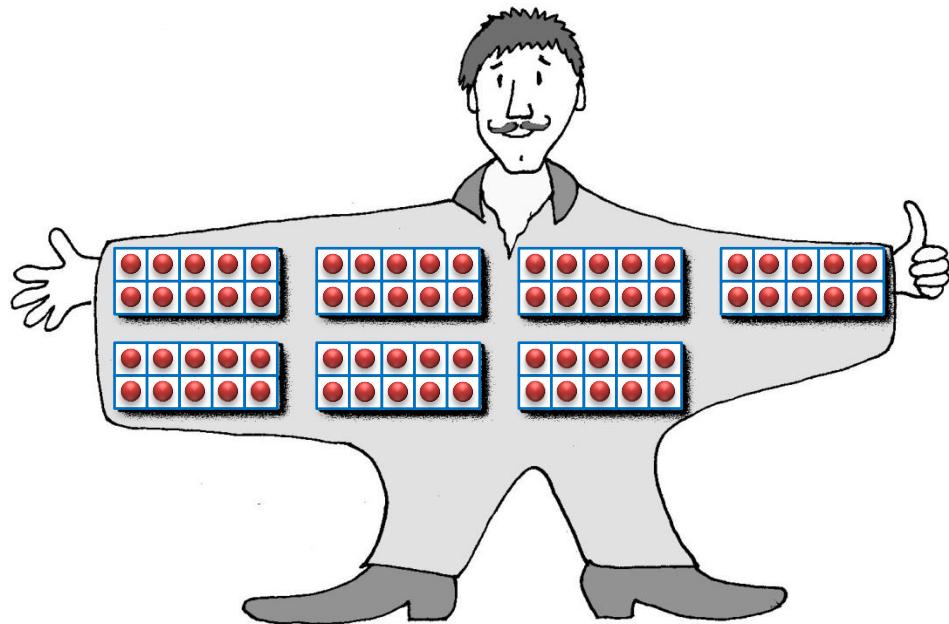
### Module 7, 8 und 9

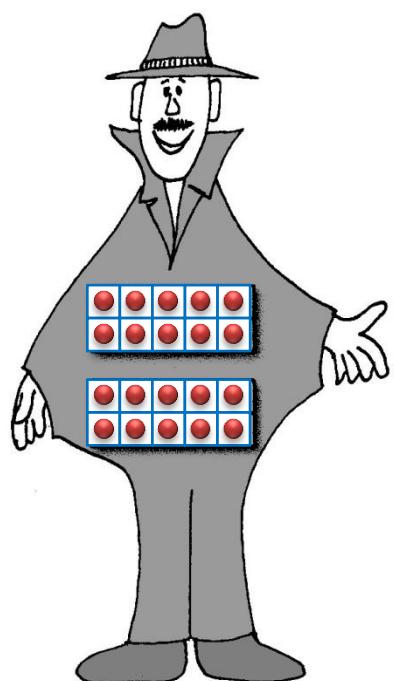
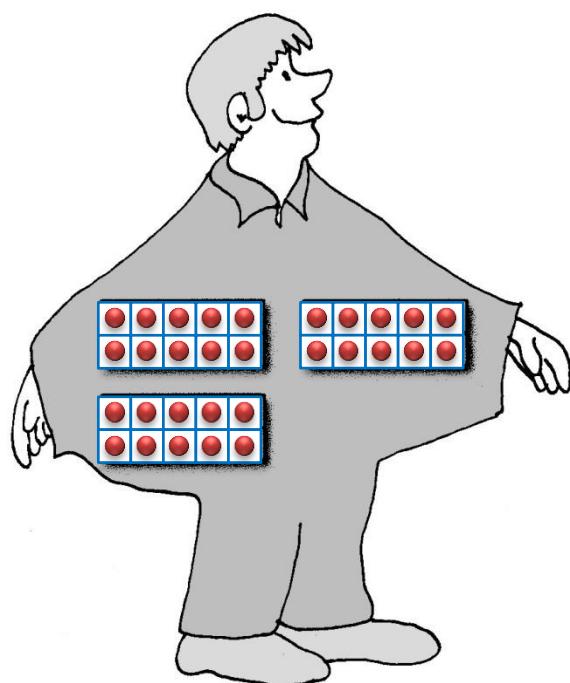
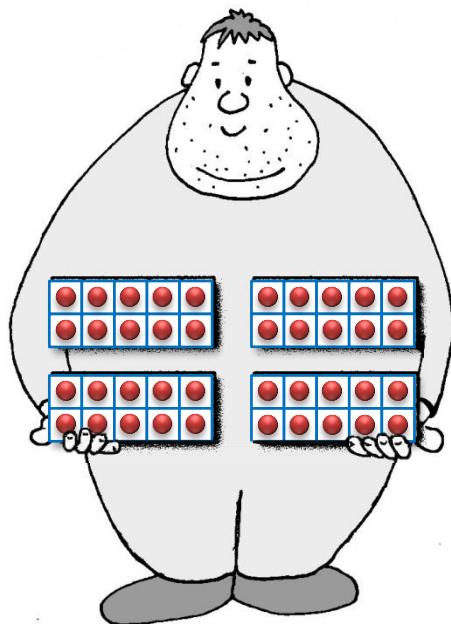
Erklärung der Querverweise:

AB  
0.1

- AB   ...   Arbeitsblatt
- 1.2   ...   die erste Zahl bezieht sich auf das Modul und die zweite Zahl stellt eine laufende Nummerierung des Themas dar
- ff   ...   zu diesem Arbeitsblatt gibt es noch weitere thematisch passende Seiten







1 0	6 0		5
2 0	7 0	1	6.
3 0	8 0	2	7
4 0	9 0	3	8
5 0	100	4	9.

1	4	7
30 + 20 =	40 - 6 =	25 + 5 =
40 + 30 =	80 - 2 =	63 + 7 =
10 + 50 =	50 - 5 =	47 + 3 =
50 + 20 =	20 - 3 =	14 + 6 =
20 + 80 =	60 - 7 =	91 + 9 =
60 + 30 =	80 - 1 =	86 + 4 =
80 + 10 =	70 - 9 =	72 + 8 =
70 + 20 =	90 - 4 =	33 + 7 =
90 + 10 =	30 - 8 =	54 + 6 =
2	5	8
30 - 20 =	25 + 2 =	14 - 4 =
40 - 30 =	63 + 4 =	91 - 1 =
80 - 50 =	47 + 1 =	86 - 6 =
50 - 20 =	14 + 5 =	72 - 2 =
20 - 10 =	91 + 3 =	33 - 3 =
60 - 30 =	86 + 2 =	54 - 4 =
80 - 60 =	72 + 6 =	25 - 5 =
70 - 40 =	33 + 5 =	63 - 3 =
90 - 70 =	54 + 3 =	47 - 7 =
3	6	13
20 + 6 =	25 - 2 =	61 + 20 =
60 + 2 =	68 - 4 =	32 + 30 =
80 + 5 =	47 - 3 =	59 + 40 =
70 + 3 =	14 - 2 =	27 + 70 =
90 + 7 =	99 - 3 =	18 + 50 =
30 + 1 =	86 - 2 =	54 + 10 =
40 + 9 =	75 - 3 =	45 + 30 =
80 + 4 =	33 - 1 =	13 + 60 =
50 + 8 =	57 - 4 =	9 + 90 =

Rechenkarten 1  
für ZR 100  
(Reihenfolge nicht  
numerisch)

zum Ausschneiden

<b>17</b>	<b>18</b>	<b>11</b>
25 + 23 =	48 - 24 =	60 + 25 =
63 + 15 =	29 - 15 =	30 + 37 =
47 + 42 =	65 - 32 =	10 + 59 =
14 + 53 =	27 - 15 =	40 + 46 =
32 + 45 =	86 - 51 =	50 + 19 =
86 + 13 =	74 - 33 =	20 + 64 =
24 + 64 =	93 - 91 =	30 + 43 =
33 + 33 =	56 - 45 =	50 + 27 =
54 + 25 =	37 - 22 =	20 + 68 =
<b>14</b>	<b>21 a</b>	<b>12</b>
72 - 30 =	58 + 7 =	70 - 24 =
33 - 20 =		50 - 11 =
54 - 30 =	46 + 8 =	40 - 36 =
25 - 20 =		90 - 62 =
63 - 40 =	27 + 9 =	80 - 23 =
47 - 20 =		50 - 34 =
14 - 10 =	65 + 6 =	70 - 15 =
91 - 50 =		30 - 28 =
86 - 80 =	39 + 5 =	60 - 47 =
<b>21 b</b>	<b>22 a</b>	<b>22 b</b>
74 + 8 =	94 - 6 =	37 - 9 =
13 + 9 =	72 - 8 =	16 - 8 =
87 + 6 =	63 - 9 =	86 - 9 =
35 + 7 =	81 - 5 =	62 - 5 =
48 + 8 =	55 - 7 =	23 - 7 =

Rechenkarten **2** für  
ZR 100  
zum Ausschneiden

15	23 a	24 a
$36 + 20 + 3 =$	$39 + 20 + 3 =$	$79 + 16 =$
$54 + 30 + 2 =$		
$47 + 50 + 1 =$	$47 + 40 + 5 =$	$15 + 78 =$
$23 + 20 + 3 =$		
$16 + 60 + 2 =$	$16 + 60 + 6 =$	$28 + 63 =$
$66 + 30 + 3 =$		
$81 + 10 + 7 =$	$74 + 10 + 7 =$	$53 + 39 =$
$32 + 40 + 4 =$		
$24 + 50 + 3 =$	$24 + 50 + 9 =$	$37 + 27 =$
16	23 b	24 b
$78 - 20 - 3 =$	$58 + 20 + 6 =$	$68 + 28 =$
$54 - 30 - 2 =$		
$47 - 10 - 4 =$	$65 + 20 + 7 =$	$29 + 54 =$
$95 - 50 - 3 =$		
$86 - 60 - 2 =$	$36 + 30 + 8 =$	$36 + 26 =$
$57 - 30 - 3 =$		
$88 - 10 - 7 =$	$27 + 40 + 7 =$	$14 + 67 =$
$39 - 30 - 4 =$		
$65 - 50 - 3 =$	$44 + 30 + 9 =$	$45 + 48 =$
9	25 a	26 a
$20 + 20 + 3 =$	$92 - 30 - 5 =$	$82 - 56 =$
$30 + 50 + 2 =$		
$50 + 30 + 1 =$	$64 - 40 - 7 =$	$91 - 42 =$
$20 + 60 + 3 =$		
$60 + 10 + 2 =$	$25 - 10 - 8 =$	$66 - 39 =$
$30 + 40 + 3 =$		
$10 + 80 + 7 =$	$51 - 30 - 4 =$	$48 - 19 =$
$40 + 30 + 4 =$		
$50 + 20 + 3 =$	$76 - 20 - 8 =$	$77 - 28 =$

Rechenkarten 3 für  
ZR 100  
zum Ausschneiden

<b>10</b>	<b>25 b</b>	<b>26 b</b>
70 - 20 - 3 =	94 - 60 - 6 =	64 - 37 =
50 - 30 - 2 =		
40 - 10 - 4 =	46 - 20 - 7 =	52 - 45 =
90 - 50 - 3 =		
80 - 60 - 2 =	34 - 10 - 9 =	86 - 28 =
50 - 30 - 3 =		
70 - 30 - 7 =	82 - 60 - 5 =	47 - 39 =
30 - 10 - 4 =		
60 - 50 - 3 =	37 - 20 - 9 =	31 - 24 =
<b>20</b>		<b>27 a</b>
77 - 7 - 2 =		7 + 25 =
53 - 3 - 5 =		34 - 27 =
45 - 5 - 3 =		26 + 59 =
92 - 2 - 4 =		28 - 16 =
81 - 1 - 7 =		35 + 19 =
56 - 6 - 3 =		42 - 34 =
72 - 2 - 7 =		49 + 43 =
34 - 4 - 4 =		56 - 27 =
68 - 8 - 1 =		63 + 28 =
<b>19</b>		<b>27 b</b>
45 + 5 + 3 =		90 - 37 =
27 + 3 + 2 =		22 + 59 =
61 + 9 + 1 =		72 - 46 =
53 + 7 + 3 =		63 + 19 =
36 + 4 + 2 =		84 - 64 =
19 + 1 + 3 =		45 + 49 =
74 + 6 + 3 =		36 - 27 =
88 + 2 + 4 =		27 + 68 =
42 + 8 + 1 =		81 - 47 =

Rechenkarten **4** für

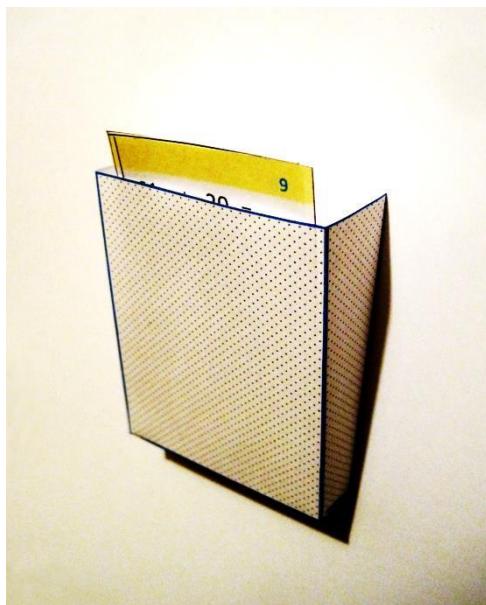
ZR 100

zum Ausschneiden

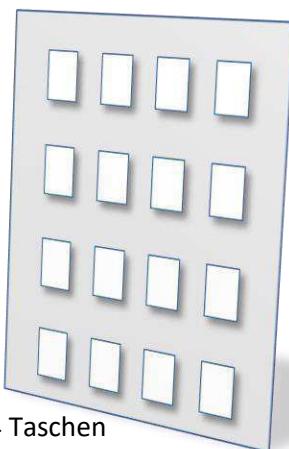
## Lösungen zu den Rechenkarten Addition & Subtraktion im ZR 100

Die Rechenkarten können auf die Lösungstabelle neben die entsprechende Spalte gelegt werden. So können die Kinder die Rechenergebnisse mit der Lösung vergleichen und sich selber kontrollieren.

## „Sortierfächer“ für Aufgabenkärtchen

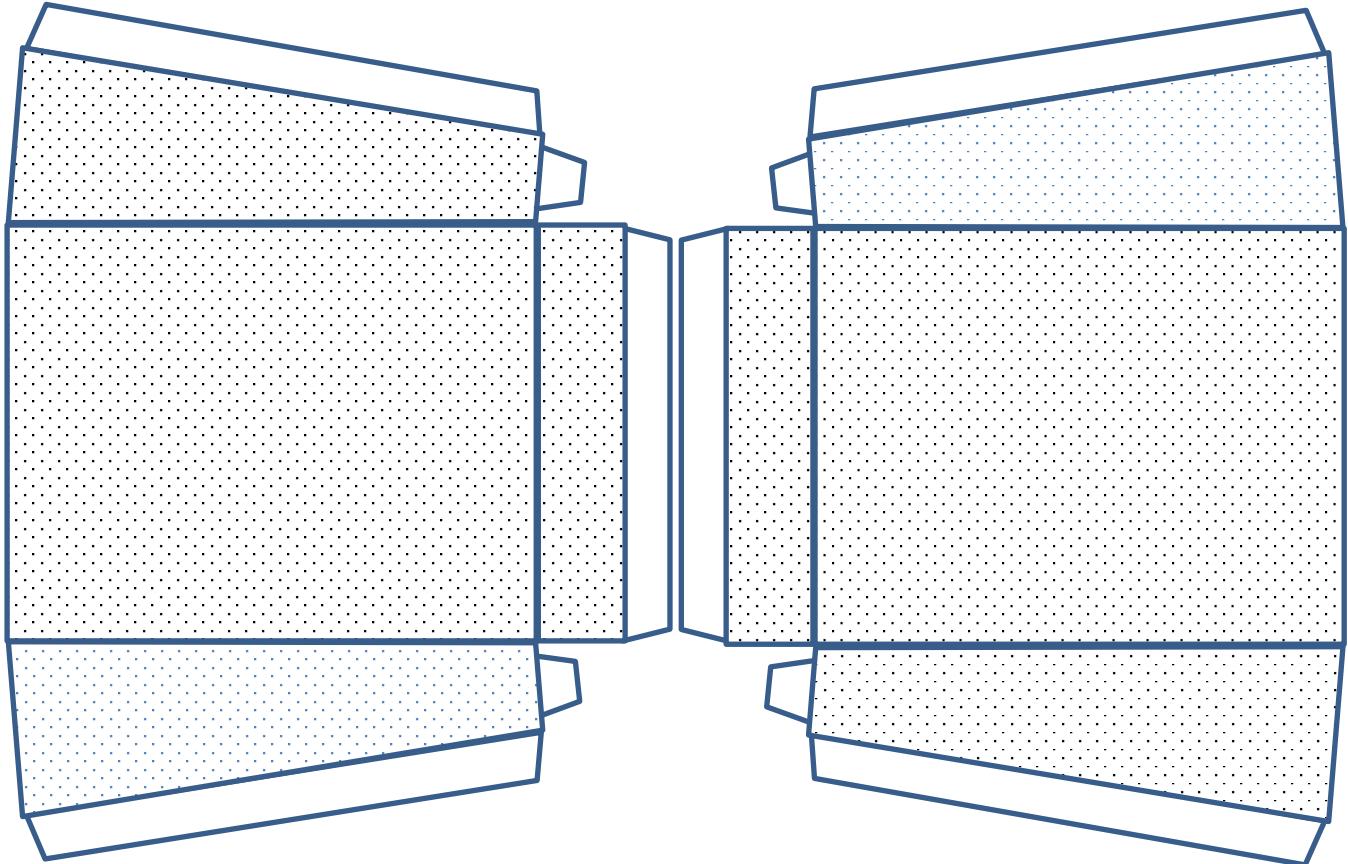
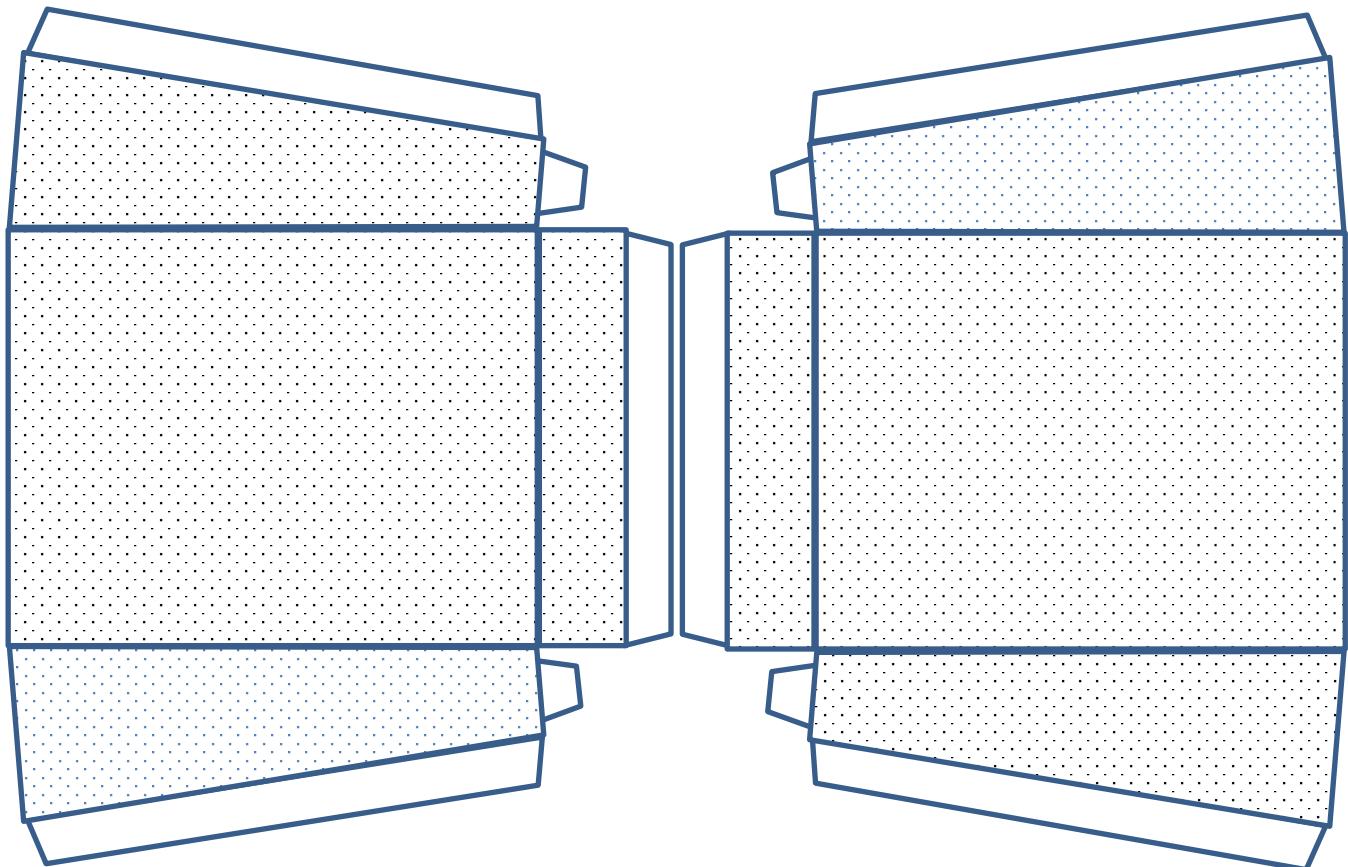


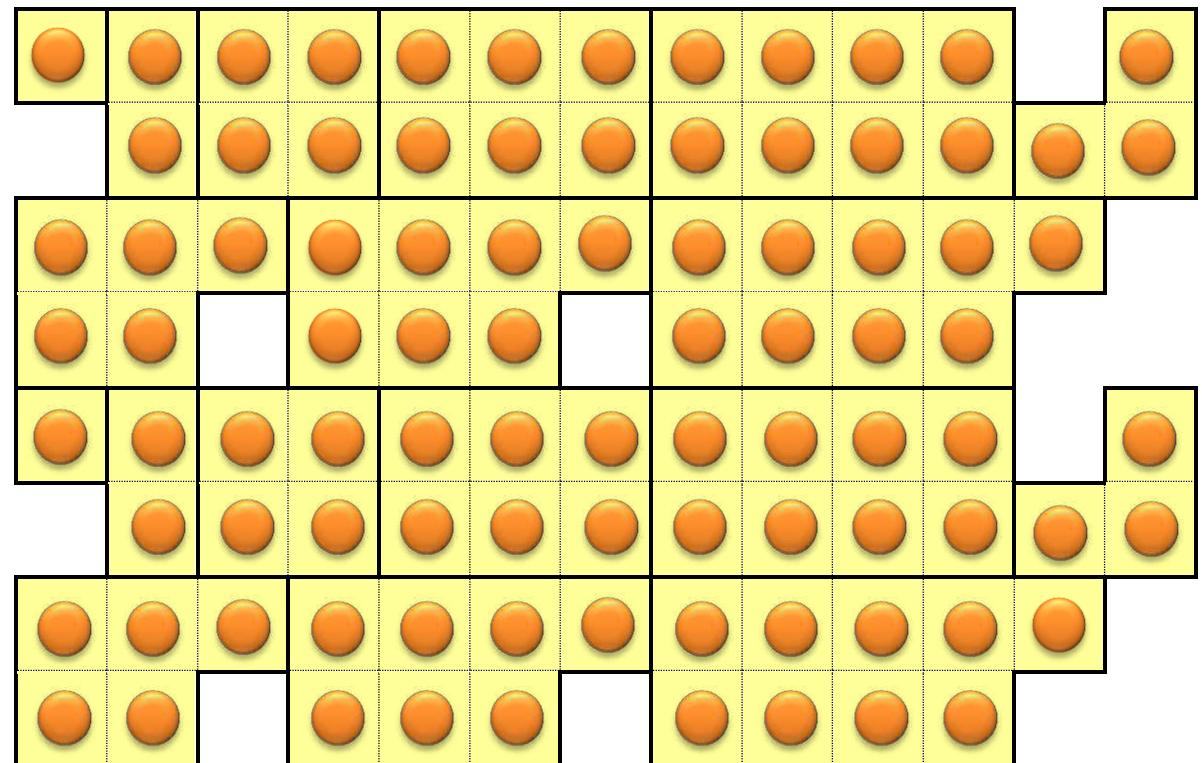
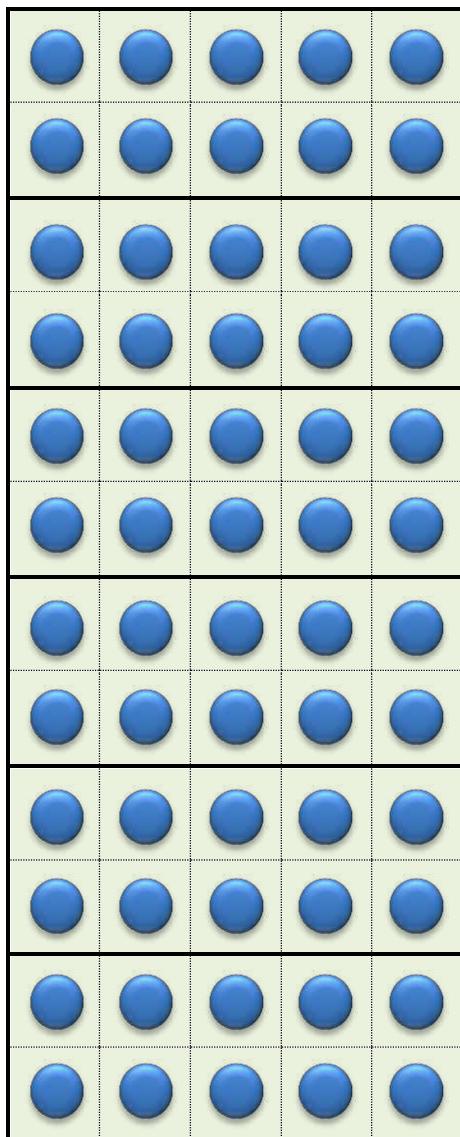
Um die Rechenkärtchen für die Addition und Subtraktion im ZR 100 geordnet bereitzustellen können diese „Taschen“ oder Fächer verwendet werden (Abb. oben). Es werden davon 34 Stück benötigt, die in beliebiger Anordnung auf einen Karton geklebt werden, der dann in der Klasse aufgehängt wird (Abb. unten). Für jedes Aufgabenkärtchen soll eine Tasche vorgesehen sein, in die die Aufgabenkärtchen in ausreichender Anzahl gesteckt werden.



Bastelbogen für 4 Taschen

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





## Rechnen von einer Zahl aus (Beispiele)

		
$36 + 1 =$ _____	$45 + 4 =$ _____	$52 + 5 =$ _____
$36 - 4 =$ _____	$45 - 2 =$ _____	$52 - 1 =$ _____
$36 + 4 =$ _____	$45 + 5 =$ _____	$52 + 8 =$ _____
$36 - 6 =$ _____	$45 - 5 =$ _____	$52 - 2 =$ _____
$36 + 30 =$ _____	$45 + 30 =$ _____	$52 + 40 =$ _____
$36 - 40 =$ _____	$45 - 20 =$ _____	$52 - 30 =$ _____
$36 + 22 =$ _____	$45 + 44 =$ _____	$52 + 23 =$ _____
$36 - 35 =$ _____	$45 - 34 =$ _____	$52 - 41 =$ _____
$36 + 6 =$ _____	$45 + 7 =$ _____	$52 + 9 =$ _____
$36 - 8 =$ _____	$45 - 9 =$ _____	$52 - 9 =$ _____
$36 + 37 =$ _____	$45 + 28 =$ _____	$52 + 39 =$ _____
$36 - 29 =$ _____	$45 - 19 =$ _____	$52 - 27 =$ _____

		
$57 + 1 =$ _____	$64 + 4 =$ _____	$76 + 3 =$ _____
$57 - 4 =$ _____	$64 - 3 =$ _____	$76 - 4 =$ _____
$57 + 3 =$ _____	$64 + 6 =$ _____	$76 + 4 =$ _____
$57 - 7 =$ _____	$64 - 4 =$ _____	$76 - 6 =$ _____
$57 + 20 =$ _____	$64 + 10 =$ _____	$76 + 20 =$ _____
$57 - 40 =$ _____	$64 - 60 =$ _____	$76 - 50 =$ _____
$57 + 22 =$ _____	$64 + 23 =$ _____	$76 + 13 =$ _____
$57 - 35 =$ _____	$64 - 42 =$ _____	$76 - 44 =$ _____
$57 + 6 =$ _____	$64 + 8 =$ _____	$76 + 7 =$ _____
$57 - 8 =$ _____	$64 - 6 =$ _____	$76 - 8 =$ _____
$57 + 37 =$ _____	$64 + 27 =$ _____	$76 + 16 =$ _____
$57 - 29 =$ _____	$64 - 45 =$ _____	$76 - 29 =$ _____

