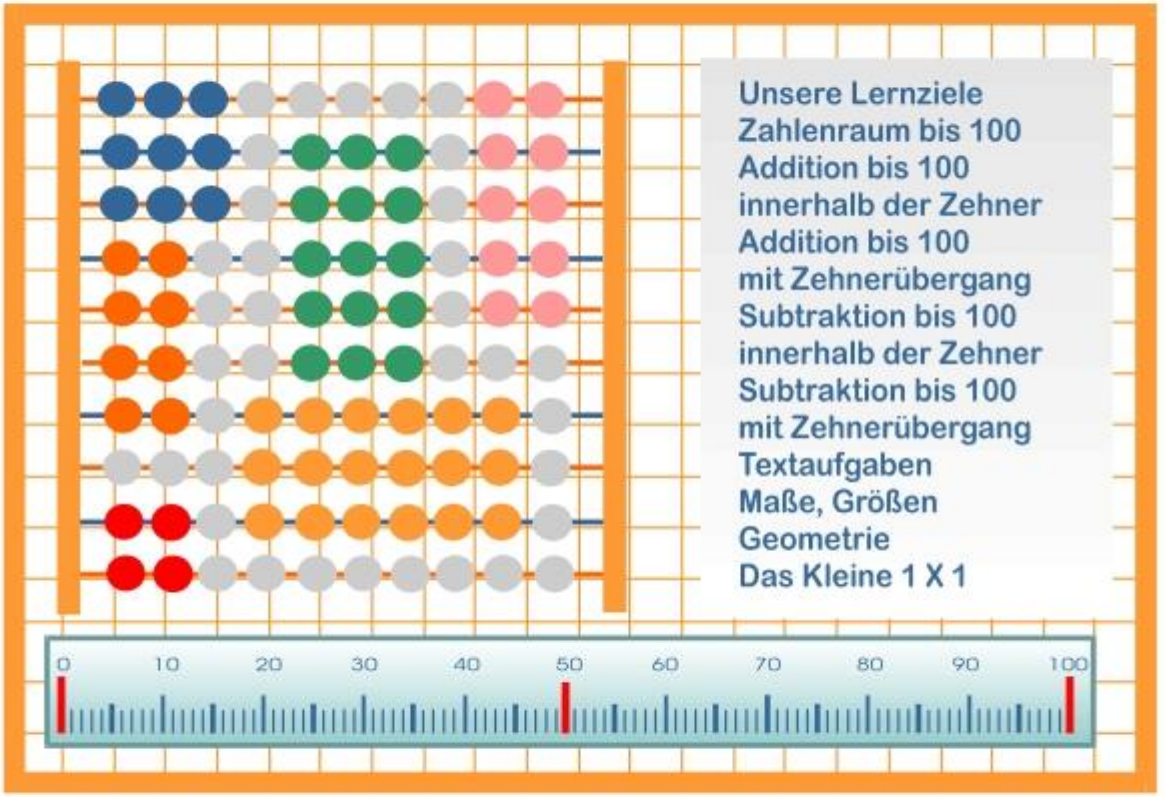
MatheGrundschule 2

Mathe.Grundschule Klasse 2

Vorschule ▶ Klasse 1 | Klasse 2 | Klasse 3 | Klasse 4 ▶ gymi.de

Mathe im Zahlenraum 1-100



Unsere Lernziele
Zahlenraum bis 100
Addition bis 100
innerhalb der Zehner
Addition bis 100
mit Zehnerübergang
Subtraktion bis 100
innerhalb der Zehner
Subtraktion bis 100
mit Zehnerübergang
Textaufgaben
Maße, Größen
Geometrie
Das Kleine 1 X 1

+ − X : =

Mathe.Grundschule

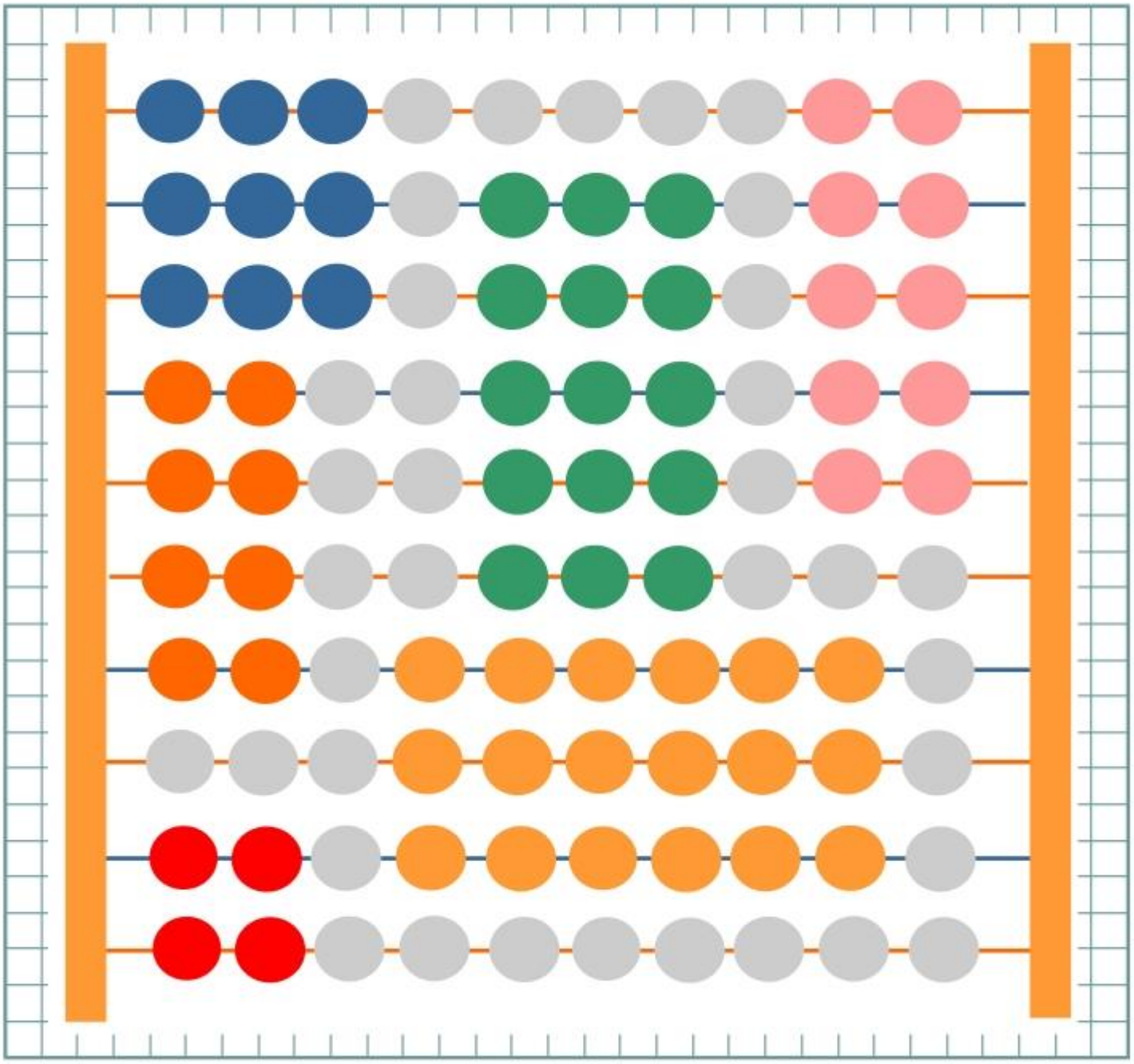
wolfgangheller @ grundschule.com

Dieses Übungsheft ist noch nicht fertig.
Es folgen weitere Seiten mit Übungsaufgaben.

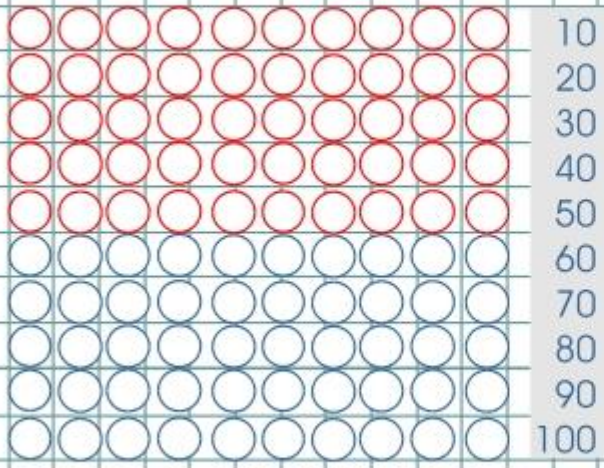
Und vor allem:
Die Seiten werden noch genauer auf die Lernziele abgestimmt.
Es folgen dann zu den einzelnen Lernzielen auch Erklärungen.

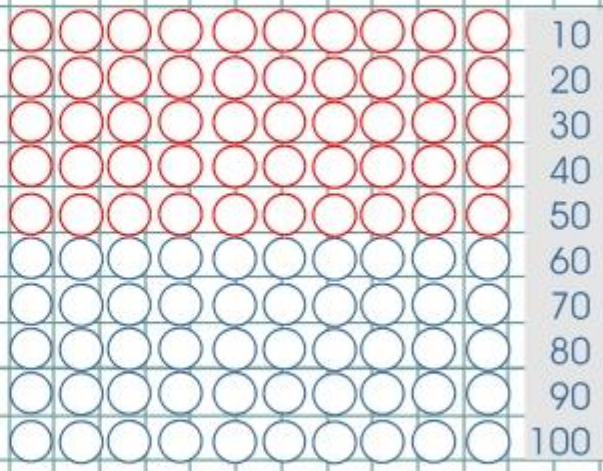
Aber unabhängig davon:
Ihr könnt mit den bisherigen Seiten schon ganz viel üben.
Druckt euch die Seiten aus.
Rechnet die Aufgaben, bis ihr die Aufgaben könnt.

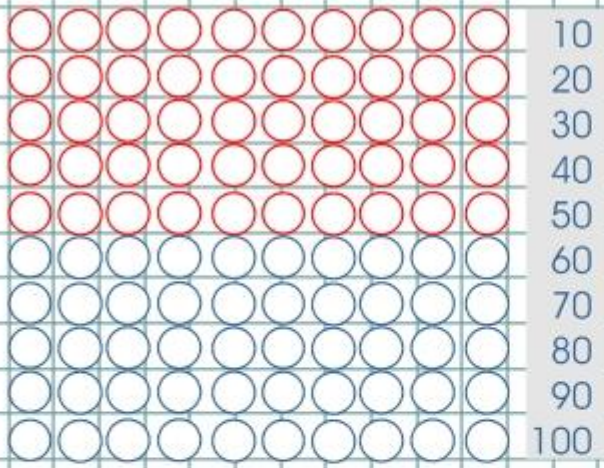
Manuskript, Stand 6.12.23
wolfgangheller @ grundschule.com

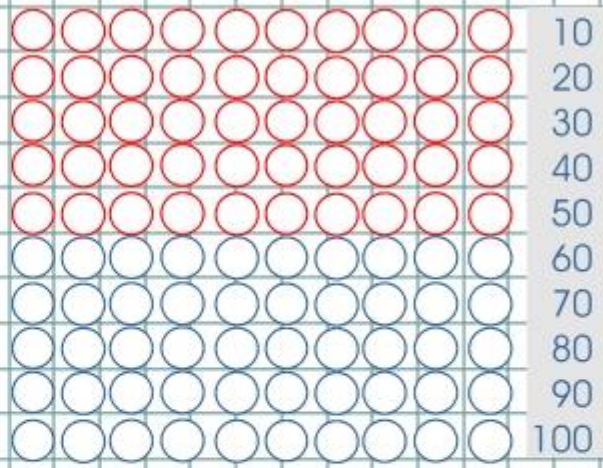


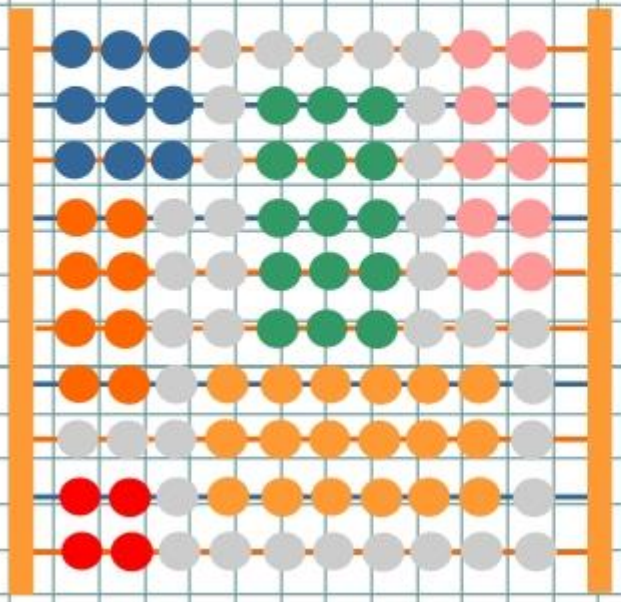
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	7	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100


10
20
30
40
50
60
70
80
90
100

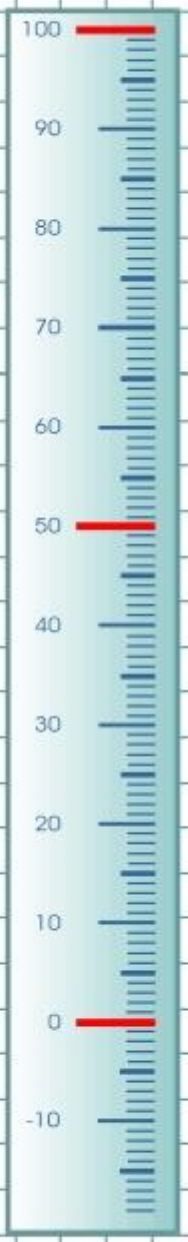

10
20
30
40
50
60
70
80
90
100

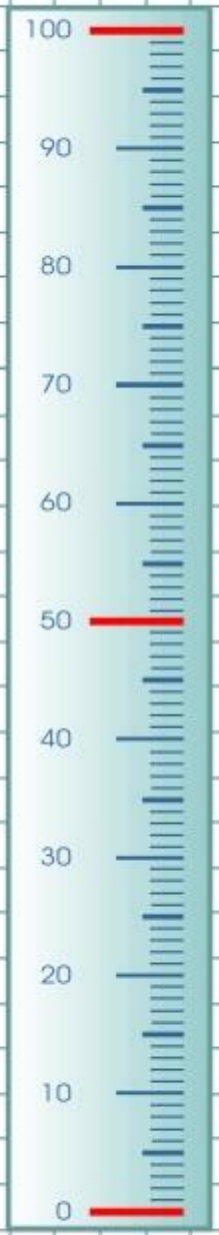

10
20
30
40
50
60
70
80
90
100


10
20
30
40
50
60
70
80
90
100

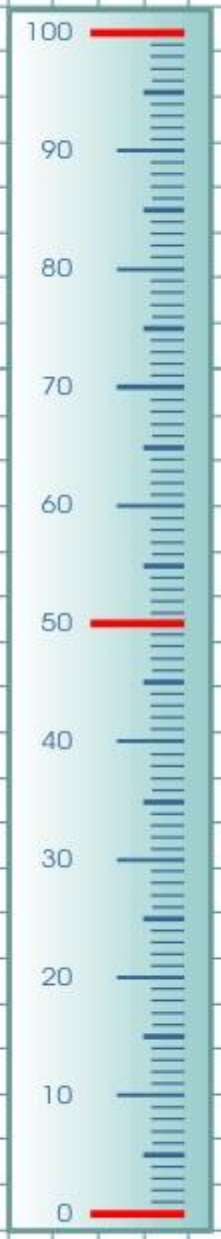


1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	7	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

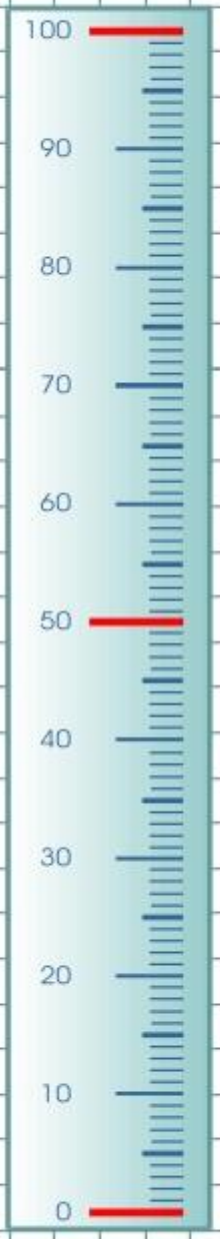




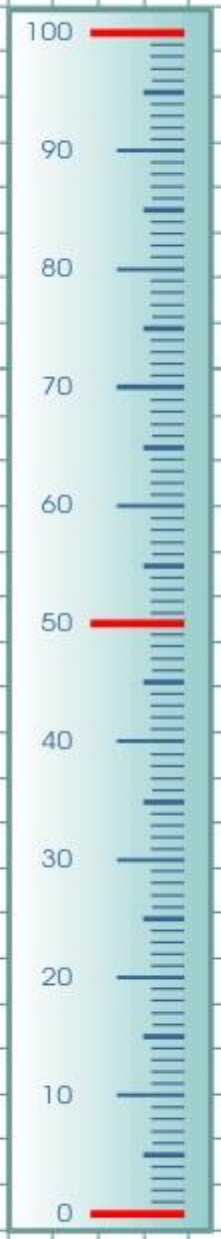
21 + 1 =	51 + 1 =	81 + 1 =
21 + 2 =	51 + 2 =	81 + 2 =
21 + 3 =	51 + 3 =	81 + 3 =
21 + 4 =	51 + 4 =	81 + 4 =
21 + 5 =	51 + 5 =	81 + 5 =
21 + 6 =	51 + 6 =	81 + 6 =
21 + 7 =	51 + 7 =	81 + 7 =
21 + 8 =	51 + 8 =	81 + 8 =
31 + 1 =	61 + 1 =	91 + 1 =
31 + 2 =	61 + 2 =	91 + 2 =
31 + 3 =	61 + 3 =	91 + 3 =
31 + 4 =	61 + 4 =	91 + 4 =
31 + 5 =	61 + 5 =	91 + 5 =
31 + 6 =	61 + 6 =	91 + 6 =
31 + 7 =	61 + 7 =	91 + 7 =
31 + 8 =	61 + 8 =	91 + 8 =
41 + 1 =	71 + 1 =	11 + 9 =
41 + 2 =	71 + 2 =	21 + 9 =
41 + 3 =	71 + 3 =	31 + 9 =
41 + 4 =	71 + 4 =	41 + 9 =
41 + 5 =	71 + 5 =	51 + 9 =
41 + 6 =	71 + 6 =	61 + 9 =
41 + 7 =	71 + 7 =	71 + 9 =
41 + 8 =	71 + 8 =	81 + 9 =



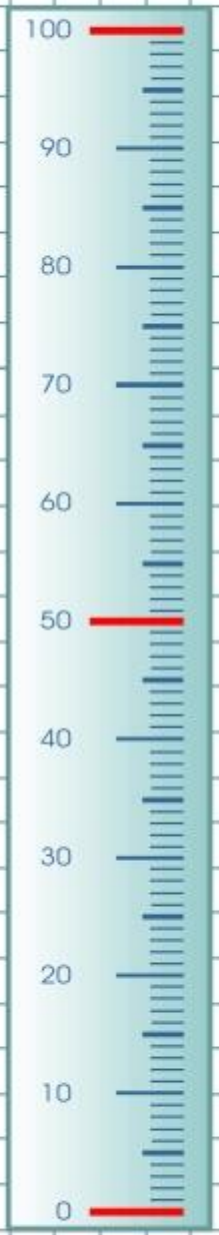
22 + 1 =	52 + 1 =	82 + 1 =
22 + 2 =	52 + 2 =	82 + 2 =
22 + 3 =	52 + 3 =	82 + 3 =
22 + 4 =	52 + 4 =	82 + 4 =
22 + 5 =	52 + 5 =	82 + 5 =
22 + 6 =	52 + 6 =	82 + 6 =
22 + 7 =	52 + 7 =	82 + 7 =
32 + 1 =	62 + 1 =	92 + 1 =
32 + 2 =	62 + 2 =	92 + 2 =
32 + 3 =	62 + 3 =	92 + 3 =
32 + 4 =	62 + 4 =	92 + 4 =
32 + 5 =	62 + 5 =	92 + 5 =
32 + 6 =	62 + 6 =	92 + 6 =
32 + 7 =	62 + 7 =	92 + 7 =
42 + 1 =	72 + 1 =	82 + 1 =
42 + 2 =	72 + 2 =	82 + 2 =
42 + 3 =	72 + 3 =	82 + 3 =
42 + 4 =	72 + 4 =	82 + 4 =
42 + 5 =	72 + 5 =	82 + 5 =
42 + 6 =	72 + 6 =	82 + 9 =
42 + 7 =	72 + 7 =	82 + 7 =



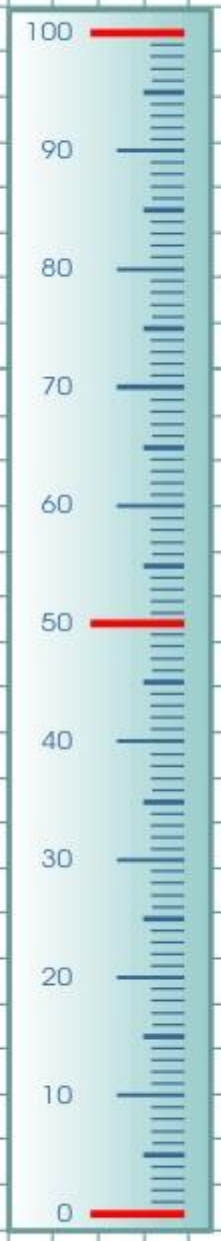
23 + 1 =	53 + 1 =	83 + 1 =
23 + 2 =	53 + 2 =	83 + 2 =
23 + 3 =	53 + 3 =	83 + 3 =
23 + 4 =	53 + 4 =	83 + 4 =
23 + 5 =	53 + 5 =	83 + 5 =
23 + 6 =	53 + 6 =	83 + 6 =
23 + 7 =	53 + 7 =	83 + 7 =
33 + 1 =	63 + 1 =	93 + 1 =
33 + 2 =	63 + 2 =	93 + 2 =
33 + 3 =	63 + 3 =	93 + 3 =
33 + 4 =	63 + 4 =	93 + 4 =
33 + 5 =	63 + 5 =	93 + 5 =
33 + 6 =	63 + 6 =	93 + 6 =
33 + 7 =	63 + 7 =	93 + 7 =
		93 + 8 =
43 + 1 =	73 + 1 =	13 + 7 =
43 + 2 =	73 + 2 =	23 + 7 =
43 + 3 =	73 + 3 =	33 + 7 =
43 + 4 =	73 + 4 =	43 + 7 =
43 + 5 =	73 + 5 =	53 + 7 =
43 + 6 =	73 + 6 =	63 + 7 =
43 + 7 =	73 + 7 =	73 + 7 =
		83 + 7 =



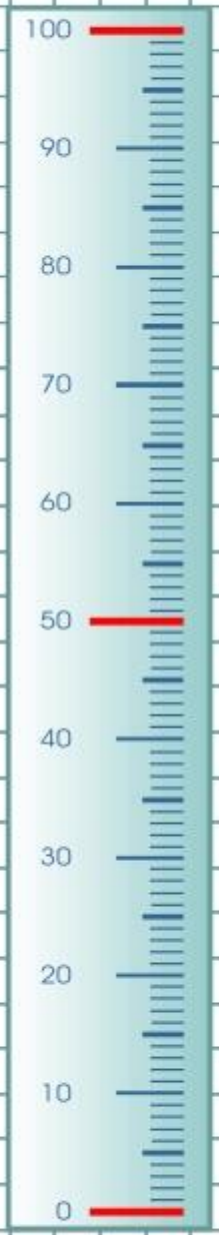
24 + 1 =	54 + 1 =	84 + 1 =
24 + 2 =	54 + 2 =	84 + 2 =
24 + 3 =	54 + 3 =	84 + 3 =
24 + 4 =	54 + 4 =	84 + 4 =
24 + 5 =	54 + 5 =	84 + 5 =
24 + 6 =	54 + 6 =	84 + 6 =
34 + 1 =	64 + 1 =	94 + 1 =
34 + 2 =	64 + 2 =	94 + 2 =
34 + 3 =	64 + 3 =	94 + 3 =
34 + 4 =	64 + 4 =	94 + 4 =
34 + 5 =	64 + 5 =	94 + 5 =
34 + 6 =	64 + 6 =	94 + 6 =
44 + 1 =	74 + 1 =	84 + 1 =
44 + 2 =	74 + 2 =	84 + 2 =
44 + 3 =	74 + 3 =	84 + 3 =
44 + 4 =	74 + 4 =	84 + 4 =
44 + 5 =	74 + 5 =	84 + 5 =
44 + 6 =	74 + 6 =	84 + 9 =
		84 + 7 =



25 + 1 =	55 + 1 =	85 + 1 =
25 + 2 =	55 + 2 =	85 + 2 =
25 + 3 =	55 + 3 =	85 + 3 =
25 + 4 =	55 + 4 =	85 + 4 =
25 + 5 =	55 + 5 =	85 + 5 =
35 + 1 =	65 + 1 =	95 + 1 =
35 + 2 =	65 + 2 =	95 + 2 =
35 + 3 =	65 + 3 =	95 + 3 =
35 + 4 =	65 + 4 =	95 + 4 =
35 + 5 =	65 + 5 =	95 + 5 =
45 + 1 =	75 + 1 =	15 + 5 =
45 + 2 =	75 + 2 =	25 + 5 =
45 + 3 =	75 + 3 =	35 + 5 =
45 + 4 =	75 + 4 =	45 + 5 =
45 + 5 =	75 + 5 =	55 + 5 =
16 + 1 =	26 + 1 =	36 + 1 =
16 + 2 =	26 + 2 =	36 + 2 =
16 + 3 =	26 + 3 =	36 + 3 =
16 + 4 =	26 + 4 =	36 + 4 =
46 + 1 =	56 + 1 =	66 + 1 =
46 + 2 =	56 + 2 =	66 + 2 =
46 + 3 =	56 + 3 =	66 + 3 =
46 + 4 =	56 + 4 =	66 + 4 =



76 + 1 =	76 + 1 =	86 + 1 =
76 + 2 =	76 + 2 =	86 + 2 =
76 + 3 =	76 + 3 =	86 + 3 =
76 + 4 =	76 + 4 =	86 + 4 =
96 + 1 =	17 + 1 =	27 + 1 =
96 + 2 =	17 + 2 =	27 + 2 =
96 + 3 =	17 + 3 =	27 + 3 =
96 + 4 =		
37 + 1 =	47 + 1 =	57 + 1 =
37 + 2 =	47 + 2 =	57 + 2 =
37 + 3 =	47 + 3 =	57 + 3 =
67 + 1 =	77 + 1 =	87 + 1 =
67 + 2 =	77 + 2 =	87 + 2 =
67 + 3 =	77 + 3 =	87 + 3 =
97 + 1 =	18 + 1 =	28 + 1 =
97 + 2 =	18 + 2 =	28 + 2 =
97 + 3 =		
38 + 1 =	48 + 1 =	58 + 1 =
38 + 2 =	48 + 2 =	58 + 2 =
68 + 1 =	78 + 1 =	88 + 1 =
68 + 2 =	78 + 2 =	88 + 2 =

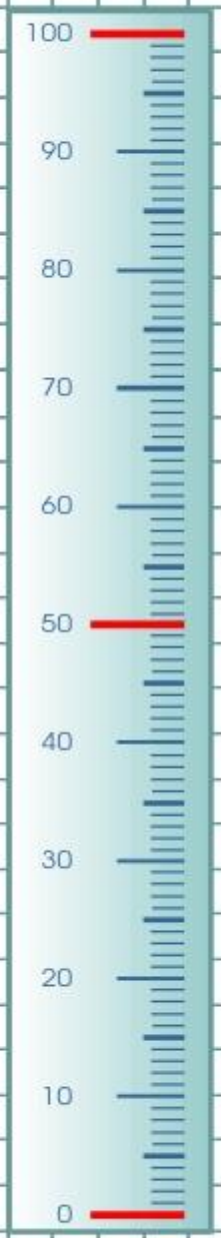


98 + 1 =
98 + 2 =

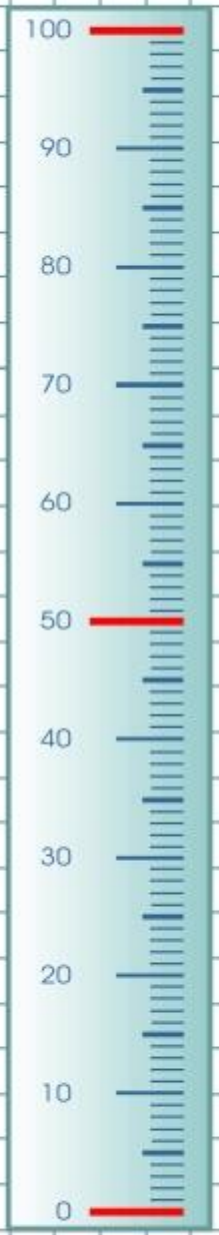
19 + 1 =	19 + 2 =	19 + 3 =
29 + 1 =	29 + 2 =	29 + 3 =
39 + 1 =	39 + 2 =	39 + 3 =
49 + 1 =	49 + 2 =	49 + 3 =
59 + 1 =	59 + 2 =	59 + 3 =
69 + 1 =	69 + 2 =	69 + 3 =
79 + 1 =	79 + 2 =	79 + 3 =
89 + 1 =	89 + 2 =	89 + 3 =
99 + 1 =	99 + 2 =	99 + 3 =

19 + 4 =	19 + 5 =	19 + 6 =
29 + 4 =	29 + 5 =	29 + 6 =
39 + 4 =	39 + 5 =	39 + 6 =
49 + 4 =	49 + 5 =	49 + 6 =
59 + 4 =	59 + 5 =	59 + 6 =
69 + 4 =	69 + 5 =	69 + 6 =
79 + 4 =	79 + 5 =	79 + 6 =
89 + 4 =	89 + 5 =	89 + 6 =
99 + 4 =	99 + 5 =	99 + 6 =

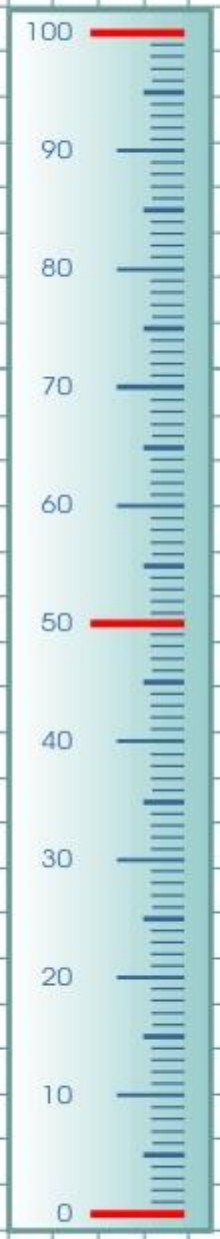
19 + 7 =	59 + 7 =
29 + 7 =	69 + 7 =
39 + 7 =	79 + 7 =
49 + 7 =	89 + 7 =



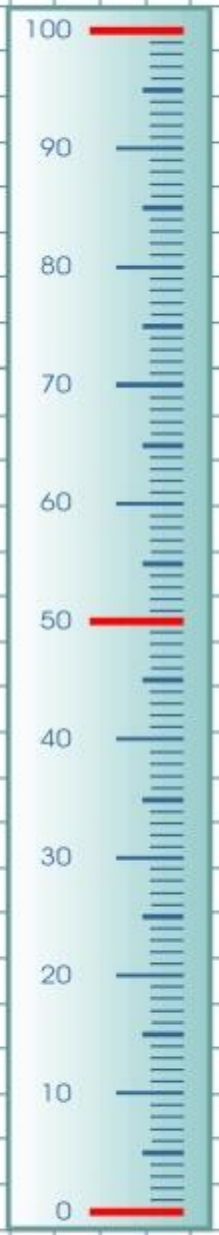
19 + 8 =	19 + 9 =	18 + 3 =
29 + 8 =	29 + 9 =	28 + 3 =
39 + 8 =	39 + 9 =	38 + 3 =
49 + 8 =	49 + 9 =	48 + 3 =
59 + 8 =	59 + 9 =	58 + 3 =
69 + 8 =	69 + 9 =	68 + 3 =
79 + 8 =	79 + 9 =	78 + 3 =
89 + 8 =	89 + 9 =	88 + 3 =
18 + 4 =	18 + 5 =	18 + 6 =
28 + 4 =	28 + 5 =	28 + 6 =
38 + 4 =	38 + 5 =	38 + 6 =
48 + 4 =	48 + 5 =	48 + 6 =
58 + 4 =	58 + 5 =	58 + 6 =
68 + 4 =	68 + 5 =	68 + 6 =
78 + 4 =	78 + 5 =	78 + 6 =
88 + 4 =	88 + 5 =	88 + 6 =
18 + 7 =	18 + 8 =	18 + 9 =
28 + 7 =	28 + 8 =	28 + 9 =
38 + 7 =	38 + 8 =	38 + 9 =
48 + 7 =	48 + 8 =	48 + 9 =
58 + 7 =	58 + 8 =	58 + 9 =
68 + 7 =	68 + 8 =	68 + 9 =
78 + 7 =	78 + 8 =	78 + 9 =
88 + 7 =	88 + 8 =	88 + 9 =



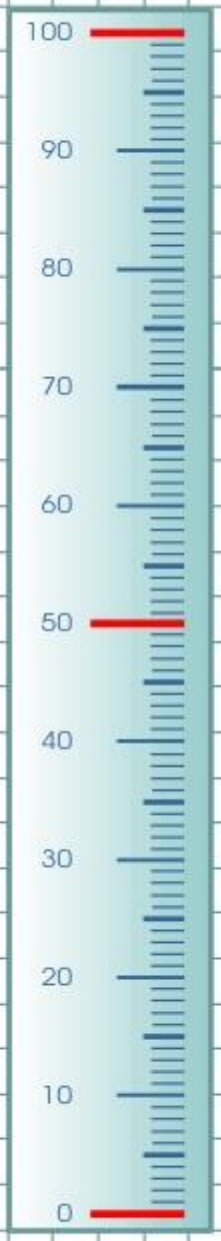
17 + 4 =	17 + 5 =	17 + 6 =
27 + 4 =	27 + 5 =	27 + 6 =
37 + 4 =	37 + 5 =	37 + 6 =
47 + 4 =	47 + 5 =	47 + 6 =
57 + 4 =	57 + 5 =	57 + 6 =
67 + 4 =	67 + 5 =	67 + 6 =
77 + 4 =	77 + 5 =	77 + 6 =
87 + 4 =	87 + 5 =	87 + 6 =
17 + 7 =	17 + 8 =	17 + 9 =
27 + 7 =	27 + 8 =	27 + 9 =
37 + 7 =	37 + 8 =	37 + 9 =
47 + 7 =	47 + 8 =	47 + 9 =
57 + 7 =	57 + 8 =	57 + 9 =
67 + 7 =	67 + 8 =	67 + 9 =
77 + 7 =	77 + 8 =	77 + 9 =
87 + 7 =	87 + 8 =	87 + 9 =
16 + 5 =	16 + 6 =	16 + 7 =
26 + 5 =	26 + 6 =	26 + 7 =
36 + 5 =	36 + 6 =	36 + 7 =
46 + 5 =	46 + 6 =	46 + 7 =
56 + 5 =	56 + 6 =	56 + 7 =
66 + 5 =	66 + 6 =	66 + 7 =
76 + 5 =	76 + 6 =	76 + 7 =
86 + 5 =	86 + 6 =	86 + 7 =



16 + 8 =	16 + 9 =	16 + 10 =
26 + 8 =	26 + 9 =	26 + 10 =
36 + 8 =	36 + 9 =	36 + 10 =
46 + 8 =	46 + 9 =	46 + 10 =
56 + 8 =	56 + 9 =	56 + 10 =
66 + 8 =	66 + 9 =	66 + 10 =
76 + 8 =	76 + 9 =	76 + 10 =
86 + 8 =	86 + 9 =	86 + 10 =
15 + 6 =	15 + 7 =	15 + 8 =
25 + 6 =	25 + 7 =	25 + 8 =
35 + 6 =	35 + 7 =	35 + 8 =
45 + 6 =	45 + 7 =	45 + 8 =
55 + 6 =	55 + 7 =	55 + 8 =
65 + 6 =	65 + 7 =	65 + 8 =
75 + 6 =	75 + 7 =	75 + 8 =
85 + 6 =	85 + 7 =	85 + 8 =
15 + 9 =		
25 + 9 =		
35 + 9 =		
45 + 9 =		
55 + 9 =		
65 + 9 =		
75 + 9 =		
85 + 9 =		



14 + 7 =	14 + 8 =	14 + 9 =
24 + 7 =	24 + 8 =	24 + 9 =
34 + 7 =	34 + 8 =	34 + 9 =
44 + 7 =	44 + 8 =	44 + 9 =
54 + 7 =	54 + 8 =	54 + 9 =
64 + 7 =	64 + 8 =	64 + 9 =
74 + 7 =	74 + 8 =	74 + 9 =
84 + 7 =	84 + 8 =	84 + 9 =
13 + 8 =	13 + 9 =	13 + 10 =
23 + 8 =	23 + 9 =	23 + 10 =
33 + 8 =	33 + 9 =	33 + 10 =
43 + 8 =	43 + 9 =	43 + 10 =
53 + 8 =	53 + 9 =	53 + 10 =
63 + 8 =	63 + 9 =	63 + 10 =
73 + 8 =	73 + 9 =	73 + 10 =
83 + 8 =	83 + 9 =	83 + 10 =
12 + 9 =	12 + 10 =	
22 + 9 =	22 + 10 =	
32 + 9 =	32 + 10 =	
42 + 9 =	42 + 10 =	
52 + 9 =	52 + 10 =	
62 + 9 =	62 + 10 =	
72 + 9 =	72 + 10 =	
82 + 9 =	82 + 10 =	



24 + 24 = 20 + 20 + 4 + 4 =

57 + 36 = 50 + 30 + 7 + 6 =

47 + 35 =

26 + 49 =

39 + 38 =

63 + 28 =

76 + 18 =

33 + 58 =

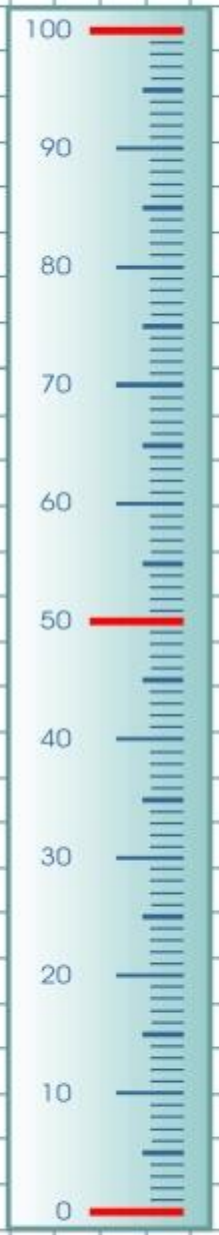
63 + 27 =

46 + 38 =

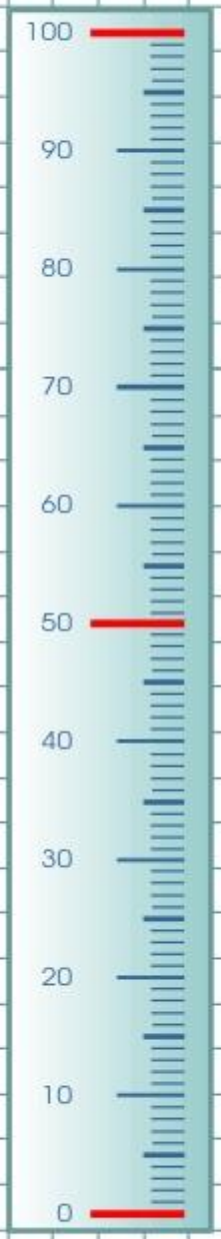
37 + 45 =

64 + 27 =

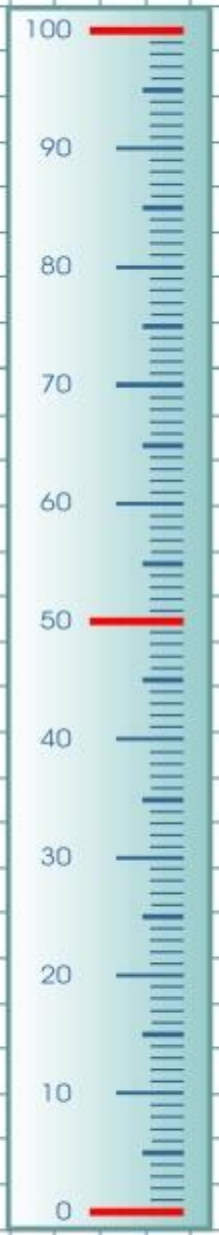
23 + 59 =



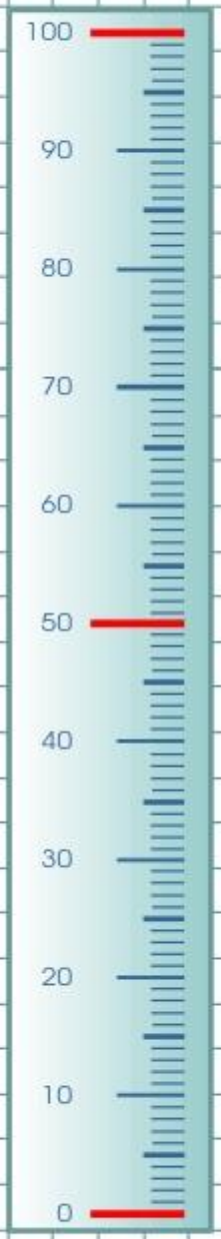
30 - 1 =	30 - 2 =	30 - 3 =
29 - 1 =	29 - 2 =	29 - 3 =
28 - 1 =	28 - 2 =	28 - 3 =
27 - 1 =	27 - 2 =	27 - 3 =
26 - 1 =	26 - 2 =	26 - 3 =
25 - 1 =	25 - 2 =	25 - 3 =
24 - 1 =	24 - 2 =	24 - 3 =
23 - 1 =	23 - 2 =	23 - 3 =
22 - 1 =	22 - 2 =	22 - 3 =
21 - 1 =	21 - 2 =	21 - 3 =
30 - 4 =	30 - 5 =	30 - 6 =
29 - 4 =	29 - 5 =	29 - 6 =
28 - 4 =	28 - 5 =	28 - 6 =
27 - 4 =	27 - 5 =	27 - 6 =
26 - 4 =	26 - 5 =	26 - 6 =
25 - 4 =	25 - 5 =	
24 - 4 =		
30 - 7 =	30 - 8 =	30 - 9 =
29 - 7 =	29 - 8 =	29 - 9 =
28 - 7 =	28 - 8 =	
27 - 7 =		



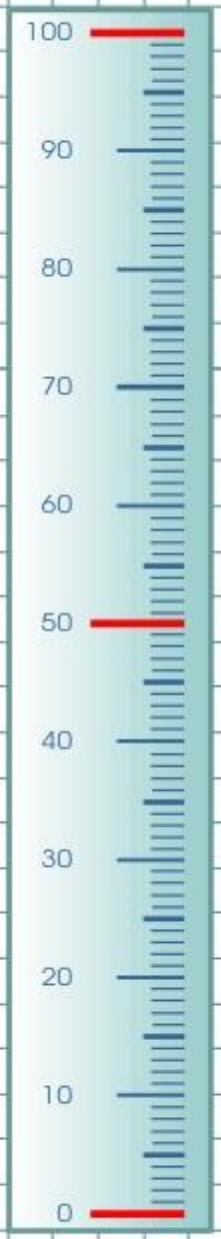
40 - 1 =	40 - 2 =	40 - 3 =
39 - 1 =	39 - 2 =	39 - 3 =
38 - 1 =	38 - 2 =	38 - 3 =
37 - 1 =	37 - 2 =	37 - 3 =
36 - 1 =	36 - 2 =	36 - 3 =
35 - 1 =	35 - 2 =	35 - 3 =
34 - 1 =	34 - 2 =	34 - 3 =
33 - 1 =	33 - 2 =	33 - 3 =
32 - 1 =	32 - 2 =	32 - 3 =
31 - 1 =	31 - 2 =	31 - 3 =
40 - 4 =	40 - 5 =	40 - 6 =
39 - 4 =	39 - 5 =	39 - 6 =
38 - 4 =	38 - 5 =	38 - 6 =
37 - 4 =	37 - 5 =	37 - 6 =
36 - 4 =	36 - 5 =	36 - 6 =
35 - 4 =	35 - 5 =	
34 - 4 =		
40 - 7 =	40 - 8 =	40 - 9 =
39 - 7 =	39 - 8 =	39 - 9 =
38 - 7 =	38 - 8 =	
37 - 7 =		



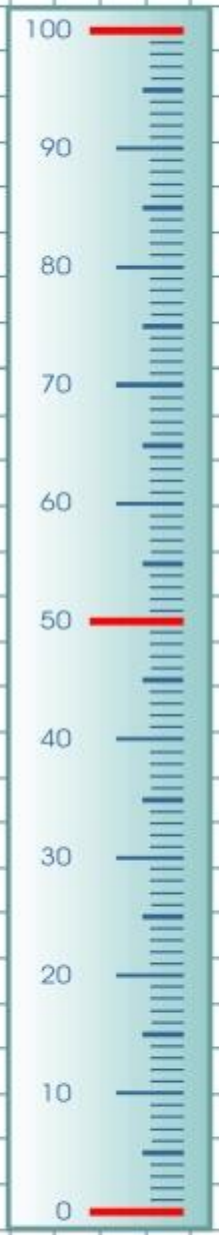
50 - 1 =	50 - 2 =	50 - 3 =
49 - 1 =	49 - 2 =	49 - 3 =
48 - 1 =	48 - 2 =	48 - 3 =
47 - 1 =	47 - 2 =	47 - 3 =
46 - 1 =	46 - 2 =	46 - 3 =
45 - 1 =	45 - 2 =	45 - 3 =
44 - 1 =	44 - 2 =	44 - 3 =
43 - 1 =	43 - 2 =	43 - 3 =
42 - 1 =	42 - 2 =	42 - 3 =
41 - 1 =	41 - 2 =	41 - 3 =
50 - 4 =	50 - 5 =	50 - 6 =
49 - 4 =	49 - 5 =	49 - 6 =
48 - 4 =	48 - 5 =	48 - 6 =
47 - 4 =	47 - 5 =	47 - 6 =
46 - 4 =	46 - 5 =	46 - 6 =
45 - 4 =	45 - 5 =	
44 - 4 =		
50 - 7 =	50 - 8 =	50 - 9 =
49 - 7 =	49 - 8 =	49 - 9 =
48 - 7 =	48 - 8 =	
47 - 7 =		



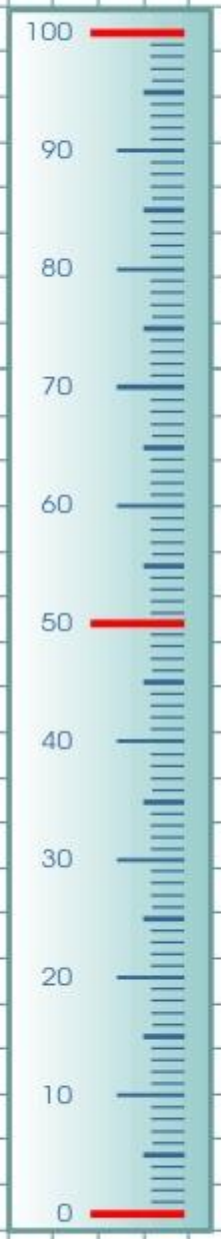
60 - 1 =	60 - 2 =	60 - 3 =
59 - 1 =	59 - 2 =	59 - 3 =
58 - 1 =	58 - 2 =	58 - 3 =
57 - 1 =	57 - 2 =	57 - 3 =
56 - 1 =	56 - 2 =	56 - 3 =
55 - 1 =	55 - 2 =	55 - 3 =
54 - 1 =	54 - 2 =	54 - 3 =
53 - 1 =	53 - 2 =	53 - 3 =
52 - 1 =	52 - 2 =	52 - 3 =
51 - 1 =	51 - 2 =	51 - 3 =
60 - 4 =	60 - 5 =	60 - 6 =
59 - 4 =	59 - 5 =	59 - 6 =
58 - 4 =	58 - 5 =	58 - 6 =
57 - 4 =	57 - 5 =	57 - 6 =
56 - 4 =	56 - 5 =	56 - 6 =
55 - 4 =	55 - 5 =	
54 - 4 =		
60 - 7 =	60 - 8 =	60 - 9 =
59 - 7 =	59 - 8 =	59 - 9 =
58 - 7 =	58 - 8 =	
57 - 7 =		



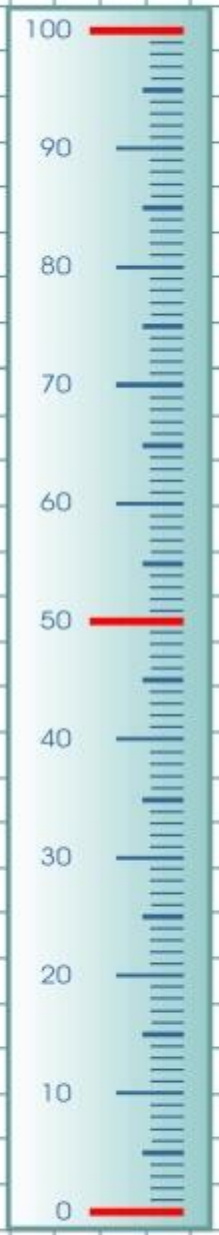
60 - 1 =	60 - 2 =	60 - 3 =
59 - 1 =	59 - 2 =	59 - 3 =
58 - 1 =	58 - 2 =	58 - 3 =
57 - 1 =	57 - 2 =	57 - 3 =
56 - 1 =	56 - 2 =	56 - 3 =
55 - 1 =	55 - 2 =	55 - 3 =
54 - 1 =	54 - 2 =	54 - 3 =
53 - 1 =	53 - 2 =	53 - 3 =
52 - 1 =	52 - 2 =	52 - 3 =
51 - 1 =	51 - 2 =	51 - 3 =
60 - 4 =	60 - 5 =	60 - 6 =
59 - 4 =	59 - 5 =	59 - 6 =
58 - 4 =	58 - 5 =	58 - 6 =
57 - 4 =	57 - 5 =	57 - 6 =
56 - 4 =	56 - 5 =	56 - 6 =
55 - 4 =	55 - 5 =	
54 - 4 =		
60 - 7 =	60 - 8 =	60 - 9 =
59 - 7 =	59 - 8 =	59 - 9 =
58 - 7 =	58 - 8 =	
57 - 7 =		



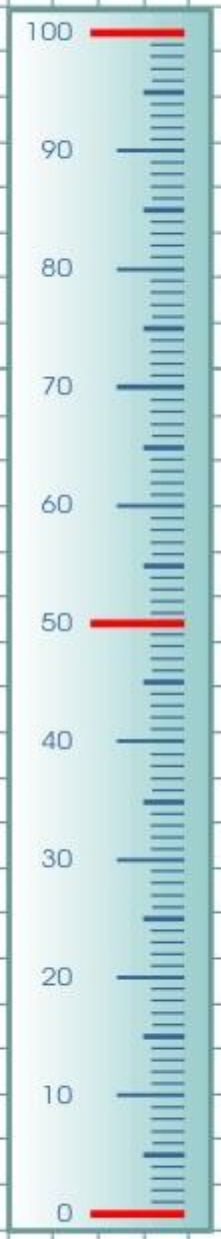
70 - 1 =	70 - 2 =	70 - 3 =
69 - 1 =	69 - 2 =	69 - 3 =
68 - 1 =	68 - 2 =	68 - 3 =
67 - 1 =	67 - 2 =	67 - 3 =
66 - 1 =	66 - 2 =	66 - 3 =
65 - 1 =	65 - 2 =	65 - 3 =
64 - 1 =	64 - 2 =	64 - 3 =
63 - 1 =	63 - 2 =	63 - 3 =
62 - 1 =	62 - 2 =	62 - 3 =
61 - 1 =	61 - 2 =	61 - 3 =
70 - 4 =	70 - 5 =	70 - 6 =
69 - 4 =	69 - 5 =	69 - 6 =
68 - 4 =	68 - 5 =	68 - 6 =
67 - 4 =	67 - 5 =	67 - 6 =
66 - 4 =	66 - 5 =	66 - 6 =
65 - 4 =	65 - 5 =	
64 - 4 =		
70 - 7 =	70 - 8 =	70 - 9 =
69 - 7 =	69 - 8 =	69 - 9 =
68 - 7 =	68 - 8 =	
67 - 7 =		



80 - 1 =	80 - 2 =	80 - 3 =
79 - 1 =	79 - 2 =	79 - 3 =
78 - 1 =	78 - 2 =	78 - 3 =
77 - 1 =	77 - 2 =	77 - 3 =
76 - 1 =	76 - 2 =	76 - 3 =
75 - 1 =	75 - 2 =	75 - 3 =
74 - 1 =	74 - 2 =	74 - 3 =
73 - 1 =	73 - 2 =	73 - 3 =
72 - 1 =	72 - 2 =	72 - 3 =
71 - 1 =	71 - 2 =	71 - 3 =
80 - 4 =	80 - 5 =	80 - 6 =
79 - 4 =	79 - 5 =	79 - 6 =
78 - 4 =	78 - 5 =	78 - 6 =
77 - 4 =	77 - 5 =	77 - 6 =
76 - 4 =	76 - 5 =	76 - 6 =
75 - 4 =	75 - 5 =	
74 - 4 =		
80 - 7 =	80 - 8 =	80 - 9 =
79 - 7 =	79 - 8 =	79 - 9 =
78 - 7 =	78 - 8 =	
77 - 7 =		



90 - 1 =	90 - 2 =	90 - 3 =
89 - 1 =	89 - 2 =	89 - 3 =
88 - 1 =	88 - 2 =	88 - 3 =
87 - 1 =	87 - 2 =	87 - 3 =
86 - 1 =	86 - 2 =	86 - 3 =
85 - 1 =	85 - 2 =	85 - 3 =
84 - 1 =	84 - 2 =	84 - 3 =
83 - 1 =	83 - 2 =	83 - 3 =
82 - 1 =	82 - 2 =	82 - 3 =
81 - 1 =	81 - 2 =	81 - 3 =
90 - 4 =	90 - 5 =	90 - 6 =
89 - 4 =	89 - 5 =	89 - 6 =
88 - 4 =	88 - 5 =	88 - 6 =
87 - 4 =	87 - 5 =	87 - 6 =
86 - 4 =	86 - 5 =	86 - 6 =
85 - 4 =	85 - 5 =	
84 - 4 =		
90 - 7 =	90 - 8 =	90 - 9 =
89 - 7 =	89 - 8 =	89 - 9 =
88 - 7 =	88 - 8 =	
87 - 7 =		



100 - 1 =	100 - 2 =	100 - 3 =
99 - 1 =	99 - 2 =	99 - 3 =
98 - 1 =	98 - 2 =	98 - 3 =
97 - 1 =	97 - 2 =	97 - 3 =
96 - 1 =	96 - 2 =	96 - 3 =
95 - 1 =	95 - 2 =	95 - 3 =
94 - 1 =	94 - 2 =	94 - 3 =
93 - 1 =	93 - 2 =	93 - 3 =
92 - 1 =	92 - 2 =	92 - 3 =
91 - 1 =	91 - 2 =	91 - 3 =
100 - 4 =	100 - 5 =	100 - 6 =
99 - 4 =	99 - 5 =	99 - 6 =
98 - 4 =	98 - 5 =	98 - 6 =
97 - 4 =	97 - 5 =	97 - 6 =
96 - 4 =	96 - 5 =	96 - 6 =
95 - 4 =	95 - 5 =	
94 - 4 =		
100 - 7 =	100 - 8 =	100 - 9 =
99 - 7 =	99 - 8 =	99 - 9 =
98 - 7 =	98 - 8 =	
97 - 7 =		

Auf den Seiten vorher haben wir ganz intensiv geübt, innerhalb der Zehner zu addieren und zu subtrahieren. Jetzt gehen wir den nächsten Schritt:
Wir addieren über den Zehner.
Das geht am einfachsten, wenn ich die Zahl, die ich addieren/hinzuzählen soll, in Gedanken wir mit der Schere in zwei Teile zerschneide.

Der erste Teil soll so groß sein, dass ich mit einem Sprung auf den nächsten Zehner komme. Im zweiten Schritt addiere ich den Rest auf den Zehner drauf. Schon habe ich die Lösung.
Wenn ihr später richtig fit seid, könnt ihr euch das Zerlegn sparen. In der Anfangsphase ist es aber sehr hilfreich.

5 + 3

35 + 8 = 35 + 5 + 3 = 43

Wenn ihr die Aufgaben wie im Beispiel schreibt und löst, habt ihr den Bogen ganz schnell raus:

17 + 6 = 17 + 3 + 3 =

25 + 8 = 25 + 5 + 3 =

48 + 7 = 48 + 2 + 5 =

67 + 5 = 67 + 3 + 2 =

84 + 7 = 84 + 6 + 1 =

23 + 8 =

44 + 9 =

77 + 6 =

58 + 9 =

65 + 6 =

37 + 8 =

17 + 16 = 17 + 10 + 6 =

25 + 17 = 25 + 10 + 7 =

53 + 27 = 53 + 20 + 7 =

46 + 37 = 46 + 30 + 7 =

55 + 28 =

37 + 54 =

69 + 28 =

48 + 47 =

Auf den Seiten vorher haben wir ganz intensiv geübt, innerhalb der Zehner zu addieren und zu subtrahieren. Jetzt gehen wir den nächsten Schritt:
Wir subtrahieren über den Zehner.
Das geht am einfachsten, wenn ich die Zahl, die ich addieren/hinzuzählen soll, in Gedanken wir mit der Schere in zwei Teile zerschneide.

Der erste Teil soll so groß sein, dass ich mit einem Sprung auf den nächsten Zehner komme. Im zweiten Schritt gehe ich um den Rest vom Zehner runter. Schon habe ich die Lösung.
Wenn ihr später richtig fit seid, könnt ihr euch das Zerlegn sparen. In der Anfangsphase ist es aber sehr hilfreich.

-5 - 3

85 - 8 = 85 - 5 - 3 = 77

-20 - 3 - 4

63 - 27 = 63 - 20 - 3 - 4 = 36

Wenn ihr die Aufgaben wie im Beispiel schreibt und löst, habt ihr den Bogen ganz schnell raus:

17 - 6 = 17 - 3 - 3 =

25 - 8 = 25 - 5 - 3 =

43 - 7 = 43 - 3 - 4 =

64 - 5 = 64 - 4 - 1 =

82 - 7 = 84 - 4 - 3 =

23 - 8 =

44 - 9 =

77 - 6 =

58 - 9 =

65 - 6 =

37 - 8 =

35 - 16 = 35 - 10 - 6 =

25 - 17 = 25 - 10 - 7 =

53 - 27 = 53 - 20 - 7 =

46 - 38 = 46 - 30 - 8 =

55 - 28 =

83 - 57 =

62 - 28 =

82 - 47 =

1 · 1 = 1	3 · 1 =	8 = · 1
2 · 1 = 2	6 · 1 =	7 = · 1
3 · 1 = 3	2 · 1 =	5 = · 1
4 · 1 = 4	8 · 1 =	3 = · 1
5 · 1 = 5	4 · 1 =	9 = · 1
6 · 1 = 6	5 · 1 =	4 = · 1
7 · 1 = 7	9 · 1 =	2 = · 1
8 · 1 = 8	1 · 1 =	10 = · 1
9 · 1 = 9	7 · 1 =	6 = · 1
10 · 1 = 10	10 · 1 =	1 = · 1

1 · 2 = 2	3 · 2 =	16 = · 2
2 · 2 = 4	6 · 2 =	8 = · 2
3 · 2 = 6	2 · 2 =	18 = · 2
4 · 2 = 8	8 · 2 =	10 = · 2
5 · 2 = 10	4 · 2 =	4 = · 2
6 · 2 = 12	5 · 2 =	12 = · 2
7 · 2 = 14	9 · 2 =	2 = · 2
8 · 2 = 16	1 · 2 =	6 = · 2
9 · 2 = 18	7 · 2 =	20 = · 2
10 · 2 = 20	10 · 2 =	2 = · 2

Nur wer das 1x1 kann, kann erfolgreich multiplizieren und dividieren.

1 · 5 = ■ 5	3 · 5 =	15 = · 5
2 · 5 = 10	6 · 5 =	5 = · 5
3 · 5 = 15	2 · 5 =	50 = · 5
4 · 5 = 20	8 · 5 =	35 = · 5
5 · 5 = 25	4 · 5 =	45 = · 5
6 · 5 = 30	5 · 5 =	20 = · 5
7 · 5 = 35	9 · 5 =	40 = · 5
8 · 5 = 40	1 · 5 =	25 = · 5
9 · 5 = 45	7 · 5 =	30 = · 5
10 · 5 = 50	10 · 5 =	10 = · 5

1 · 10 = ■ 5	3 · 10 =	60 = · 10
2 · 10 = 10	6 · 10 =	40 = · 10
3 · 10 = 15	2 · 10 =	20 = · 10
4 · 10 = 20	8 · 10 =	90 = · 10
5 · 10 = 25	4 · 10 =	100 = · 10
6 · 10 = 30	5 · 10 =	70 = · 10
7 · 10 = 35	9 · 10 =	10 = · 10
8 · 10 = 40	1 · 10 =	80 = · 10
9 · 10 = 45	7 · 10 =	30 = · 10
10 · 10 = 50	10 · 10 =	50 = · 10

1 · 4 = ■4	3 · 4 =	16 = · 4
2 · 4 = ■8	6 · 4 =	4 = · 4
3 · 4 = 12	2 · 4 =	36 = · 4
4 · 4 = 16	8 · 4 =	28 = · 4
5 · 4 = 20	4 · 4 =	40 = · 4
6 · 4 = 24	5 · 4 =	8 = · 4
7 · 4 = 28	9 · 4 =	12 = · 4
8 · 4 = 32	1 · 4 =	20 = · 4
9 · 4 = 36	7 · 4 =	16 = · 4
10 · 4 = 40	10 · 4 =	24 = · 4

1 · 8 = ■8	3 · 8 =	32 = · 8
2 · 8 = 16	6 · 8 =	80 = · 8
3 · 8 = 24	2 · 8 =	8 = · 8
4 · 8 = 32	8 · 8 =	24 = · 8
5 · 8 = 40	4 · 8 =	16 = · 8
6 · 8 = 48	5 · 8 =	40 = · 8
7 · 8 = 56	9 · 8 =	64 = · 8
8 · 8 = 64	1 · 8 =	48 = · 8
9 · 8 = 72	7 · 8 =	72 = · 8
10 · 8 = 80	10 · 8 =	64 = · 8

1 · 3 = ▒3	3 · 3 =	12 = · 3
2 · 3 = ▒6	6 · 3 =	3 = · 3
3 · 3 = ▒9	2 · 3 =	30 = · 3
4 · 3 = 12	8 · 3 =	24 = · 3
5 · 3 = 15	4 · 3 =	15 = · 3
6 · 3 = 18	5 · 3 =	27 = · 3
7 · 3 = 21	9 · 3 =	6 = · 3
8 · 3 = 24	1 · 3 =	18 = · 3
9 · 3 = 27	7 · 3 =	9 = · 3
10 · 3 = 30	10 · 3 =	21 = · 3

1 · 6 = ▒6	3 · 6 =	36 = · 6
2 · 6 = 12	6 · 6 =	60 = · 6
3 · 6 = 18	2 · 6 =	6 = · 6
4 · 6 = 24	8 · 6 =	54 = · 6
5 · 6 = 30	4 · 6 =	18 = · 6
6 · 6 = 36	5 · 6 =	42 = · 6
7 · 6 = 42	9 · 6 =	12 = · 6
8 · 6 = 48	1 · 6 =	30 = · 6
9 · 6 = 54	7 · 6 =	48 = · 6
10 · 6 = 60	10 · 6 =	24 = · 6

1 · 9 = ■ 9	3 · 9 =	36 = · 9
2 · 9 = 18	6 · 9 =	45 = · 9
3 · 9 = 27	2 · 9 =	72 = · 9
4 · 9 = 36	8 · 9 =	81 = · 9
5 · 9 = 45	4 · 9 =	90 = · 9
6 · 9 = 54	5 · 9 =	18 = · 9
7 · 9 = 63	9 · 9 =	27 = · 9
8 · 9 = 72	1 · 9 =	9 = · 9
9 · 9 = 81	7 · 9 =	54 = · 9
10 · 9 = 90	10 · 9 =	63 = · 9

1 · 7 = ■ 7	3 · 7 =	35 = · 7
2 · 7 = 14	6 · 7 =	28 = · 7
3 · 7 = 21	2 · 7 =	7 = · 7
4 · 7 = 28	8 · 7 =	63 = · 7
5 · 7 = 35	4 · 7 =	21 = · 7
6 · 7 = 42	5 · 7 =	14 = · 7
7 · 7 = 49	9 · 7 =	42 = · 7
8 · 7 = 56	1 · 7 =	56 = · 7
9 · 7 = 63	7 · 7 =	70 = · 7
10 · 7 = 70	10 · 7 =	49 = · 7

1 . 1 = 1	1 . 2 = 2	1 . 3 = 3	1 . 4 = 4	1 . 5 = 5
2 . 1 = 2	2 . 2 = 4	2 . 3 = 6	2 . 4 = 8	2 . 5 = 10
3 . 1 = 3	3 . 2 = 6	3 . 3 = 9	3 . 4 = 12	3 . 5 = 15
4 . 1 = 4	4 . 2 = 8	4 . 3 = 12	4 . 4 = 16	4 . 5 = 20
5 . 1 = 5	5 . 2 = 10	5 . 3 = 15	5 . 4 = 20	5 . 5 = 25
6 . 1 = 6	6 . 2 = 12	6 . 3 = 18	6 . 4 = 24	6 . 5 = 30
7 . 1 = 7	7 . 2 = 14	7 . 3 = 21	7 . 4 = 28	7 . 5 = 35
8 . 1 = 8	8 . 2 = 16	8 . 3 = 24	8 . 4 = 32	8 . 5 = 40
9 . 1 = 9	9 . 2 = 18	9 . 3 = 27	9 . 4 = 36	9 . 5 = 45
10 . 1 = 10	10 . 2 = 20	10 . 3 = 30	10 . 4 = 40	10 . 5 = 50

1 . 6 = 6	1 . 7 = 7	1 . 8 = 8	1 . 9 = 9	1 .10 = 10
2 . 6 = 12	2 . 7 = 14	2 . 8 = 16	2 . 9 = 18	2 .10 = 20
3 . 6 = 18	3 . 7 = 21	3 . 8 = 24	3 . 9 = 27	3 .10 = 30
4 . 6 = 24	4 . 7 = 28	4 . 8 = 32	4 . 9 = 36	4 .10 = 40
5 . 6 = 30	5 . 7 = 35	5 . 8 = 40	5 . 9 = 45	5 .10 = 50
6 . 6 = 36	6 . 7 = 42	6 . 8 = 48	6 . 9 = 54	6 .10 = 60
7 . 6 = 42	7 . 7 = 49	7 . 8 = 56	7 . 9 = 63	7 .10 = 70
8 . 6 = 48	8 . 7 = 56	8 . 8 = 64	8 . 9 = 72	8 .10 = 80
9 . 6 = 54	9 . 7 = 63	9 . 8 = 72	9 . 9 = 81	9 .10 = 90
10 . 6 = 60	10 . 7 = 70	10 . 8 = 80	10 . 9 = 90	10 .10 = 100

Wer erfolgreich multiplizieren will, muss das Kleine 1 X 1 perfekt beherrschen. Vorwärts, rückwärts, kreuz und quer. Sowohl mündlich wie auch schriftlich ist die Multiplikation eine einfache Grundrechenart. Voraussetzung aber ist, dass wir das 1 X 1 perfekt beherrschen. Perfekt beherrschen heißt, jede 1X1-Reihe in kürzester Zeit aufsagen zu können.

Es ist ganz wichtig, die komplette Aufgabe parat zu haben. Z.B. 8 X 7 = 56. Kenne ich die Aufgabe, weiß ich auch, dass die Umkehruzng 56 ist und dass die 8 siebenmal in der 56 steckt oder die 7 achtmal in der 56. Das 1x1 verfügbar zu haben, entscheidet über Schulwege!

1 = 1 · 1	2 = 1 · 2	3 = 1 · 3	4 = 1 · 4	5 = 1 · 5
2 = 2 · 1	4 = 2 · 2	6 = 2 · 3	8 = 2 · 4	10 = 2 · 5
3 = 3 · 1	6 = 3 · 2	9 = 3 · 3	12 = 3 · 4	15 = 3 · 5
4 = 4 · 1	8 = 4 · 2	12 = 4 · 3	16 = 4 · 4	20 = 4 · 5
5 = 5 · 1	10 = 5 · 2	15 = 5 · 3	20 = 5 · 4	25 = 5 · 5
6 = 6 · 1	12 = 6 · 2	18 = 6 · 3	24 = 6 · 4	30 = 6 · 5
7 = 7 · 1	14 = 7 · 2	21 = 7 · 3	28 = 7 · 4	35 = 7 · 5
8 = 8 · 1	16 = 8 · 2	24 = 8 · 3	32 = 8 · 4	40 = 8 · 5
9 = 9 · 1	18 = 9 · 2	27 = 9 · 3	36 = 9 · 4	45 = 9 · 5
10 = 10 · 1	20 = 10 · 2	30 = 10 · 3	40 = 10 · 4	50 = 10 · 5

6 = 1 · 6	7 = 1 · 7	8 = 1 · 8	9 = 1 · 9	10 = 1 · 10
12 = 2 · 6	14 = 2 · 7	16 = 2 · 8	18 = 2 · 9	20 = 2 · 10
18 = 3 · 6	21 = 3 · 7	24 = 3 · 8	27 = 3 · 9	30 = 3 · 10
24 = 4 · 6	28 = 4 · 7	32 = 4 · 8	36 = 4 · 9	40 = 4 · 10
30 = 5 · 6	35 = 5 · 7	40 = 5 · 8	45 = 5 · 9	50 = 5 · 10
36 = 6 · 6	42 = 6 · 7	48 = 6 · 8	54 = 6 · 9	60 = 6 · 10
42 = 7 · 6	49 = 7 · 7	56 = 7 · 8	63 = 7 · 9	70 = 7 · 10
48 = 8 · 6	56 = 8 · 7	64 = 8 · 8	72 = 8 · 9	80 = 8 · 10
54 = 9 · 6	63 = 9 · 7	72 = 9 · 8	81 = 9 · 9	90 = 9 · 10
60 = 10 · 6	70 = 10 · 7	80 = 10 · 8	90 = 10 · 9	100 = 10 · 10

Das sind erst einmal die Lernziele in der 2. Klasse.

Sie sind aber noch nicht so perfekt
bearbeitet und geordnet,
wie ich es mir vorstelle.

Deshalb werden diese Seiten
nach und nach überarbeitet.
Ihr könnt aber schon damit lernen.

In meinem Ordner Mathe -2
warten schon weitere Seiten
mit über 1000 Übungsaufgaben,
in das Heft integriert zu werden.

Wolfgang Heller. 6.12.23