Number Square Challenge

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	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Colour the number red, if it is:
one more than 81
one less than 47
10 more than 79
9 more than 10
2 less than 14
10 less than 65

Colour the number green, if it is:
2 tens and 4 units
3 less than 30
10 more than 35
10 less than 87
one more than 55
seven tens and 4 units

Colour the number blue, if it is:
10 less than 43
8 more than 60
2 less than 40
2 more than 61

Colour the number yellow, if it is:
4 less than 100
10 more than 85
5 more than zero
one more than 50
5 tens and no units
one less than 42
4 less than 10
10 less than 70

Parents: 1-100 number squares are widely used in schools as they show children some of the patterns in numbers and enable them to investigate how numbers relate to each other. They are also a useful tool for using a child's understanding of place value to add and subtract. With these questions, initially encourage your child to count forwards to add and back to subtract, reminding them what to do if they get to the end of the line. They can then move on to thinking about what happens when we add or subtract ten (jump down or up one square), and how to use the 'bridging ten' strategy. This involves counting on or back to the nearest ten, then thinking about what is left and adding/ subtracting this. For example, 45 + 8 (counting on to 50 uses 5 of the 8, which leaves 3 -50 + 3 = 53), or 62 - 7 (counting back to 60 uses 2 of the 7, which leaves 5- 60 - 5 = 55).

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81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Colour the number red, if it is:
10 more than 72
20 more than 26
7 less than 96
6 more than 13
2 more than 10
20 less than 75

Colour the number green, if it is:
8 more than 16
30 less than 57
30 more than 15
5 less than 82
20 more than 36
50 more than 24

Colour the number blue, if it is:
30 more than 3
20 less than 88
9 more than 29
30 more than 33

Colour the number yellow, if it is:
7 more than 89
20 more than 75
8 less than 13
20 more than 31
50 less than 100
3 more than 38
9 less than 15
5 more than 55

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81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Colour the number red, if it is:
9 more than 37
10 more than 2
20 less than 109
30 more than 52
15 more than 40
5 less than 24

Colour the number green, if it is:
20 more than 25
8 more than 69
7 less than 34
30 less than 86
14 more than 10
5 more than 69

Colour the number blue, if it is:
13 more than 20
9 less than 77
6 more than 57
20 less than 58

Colour the number yellow, if it is:
40 less than 100
5 more than 46
7 less than 103
40 more than 55
9 less than 14
10 less than 16
30 more than 20
6 more than 35

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Number Square Challenge **Answers**

1	2	3	4	5	6	7	8	9	10
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