To add using a 100 Square by counting in 10s or 1s.

100 Square

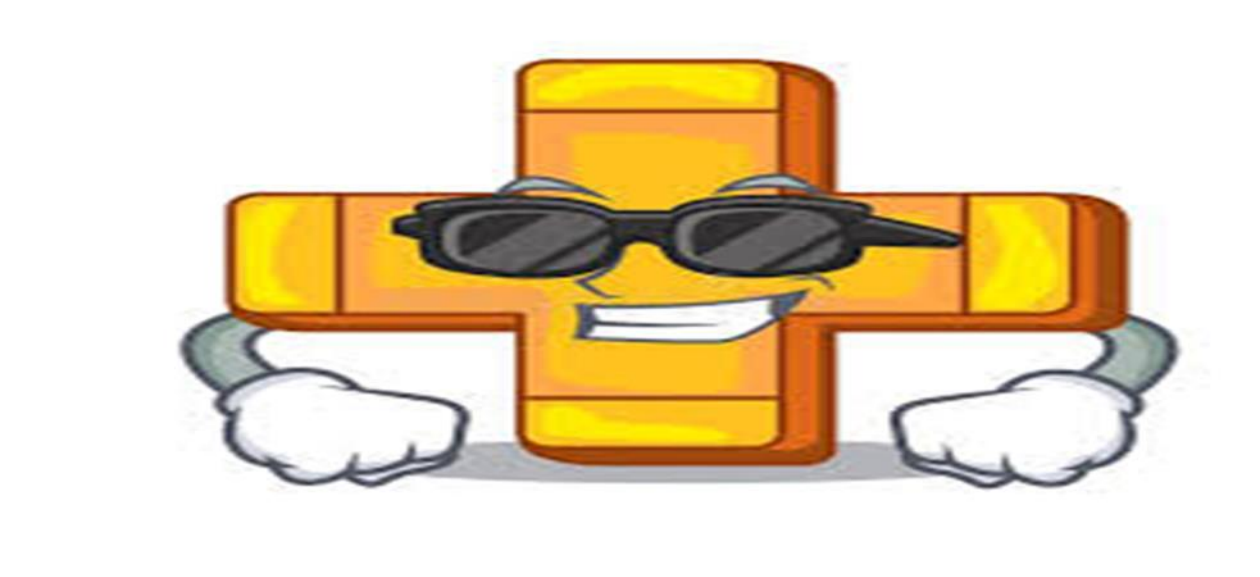
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

WALT: Add using a 100 Square by counting in 10s or 1s.

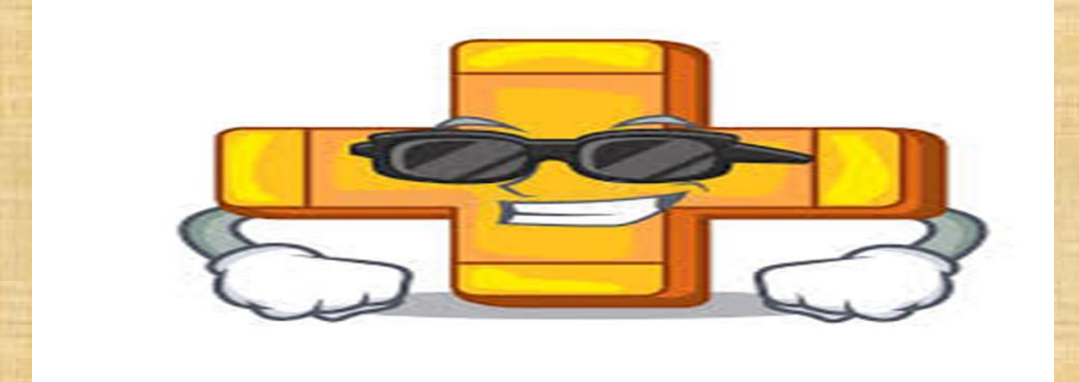
WILF:

- To be able to count forwards in 10s and 1s using a 100 square to add.

- Understand the place value of numbers on a 100 square.



When we are adding the numbers get bigger! This is because we are adding two numbers altogether.



When we use a 100 Square to add we can go down to count in 10s.
Or go across to count is 1s.

For example….

100 Square

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
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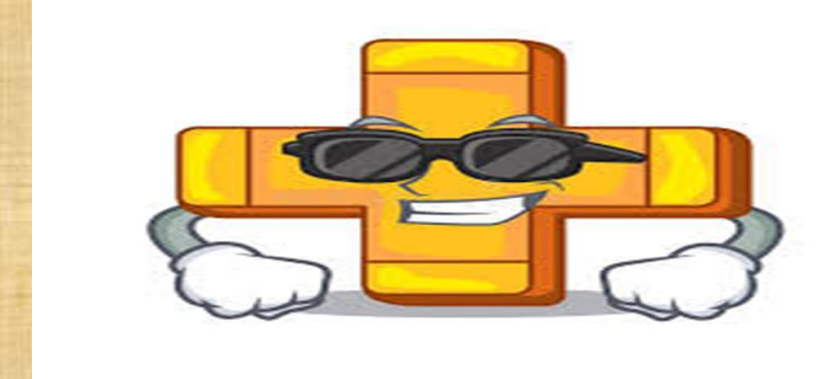
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



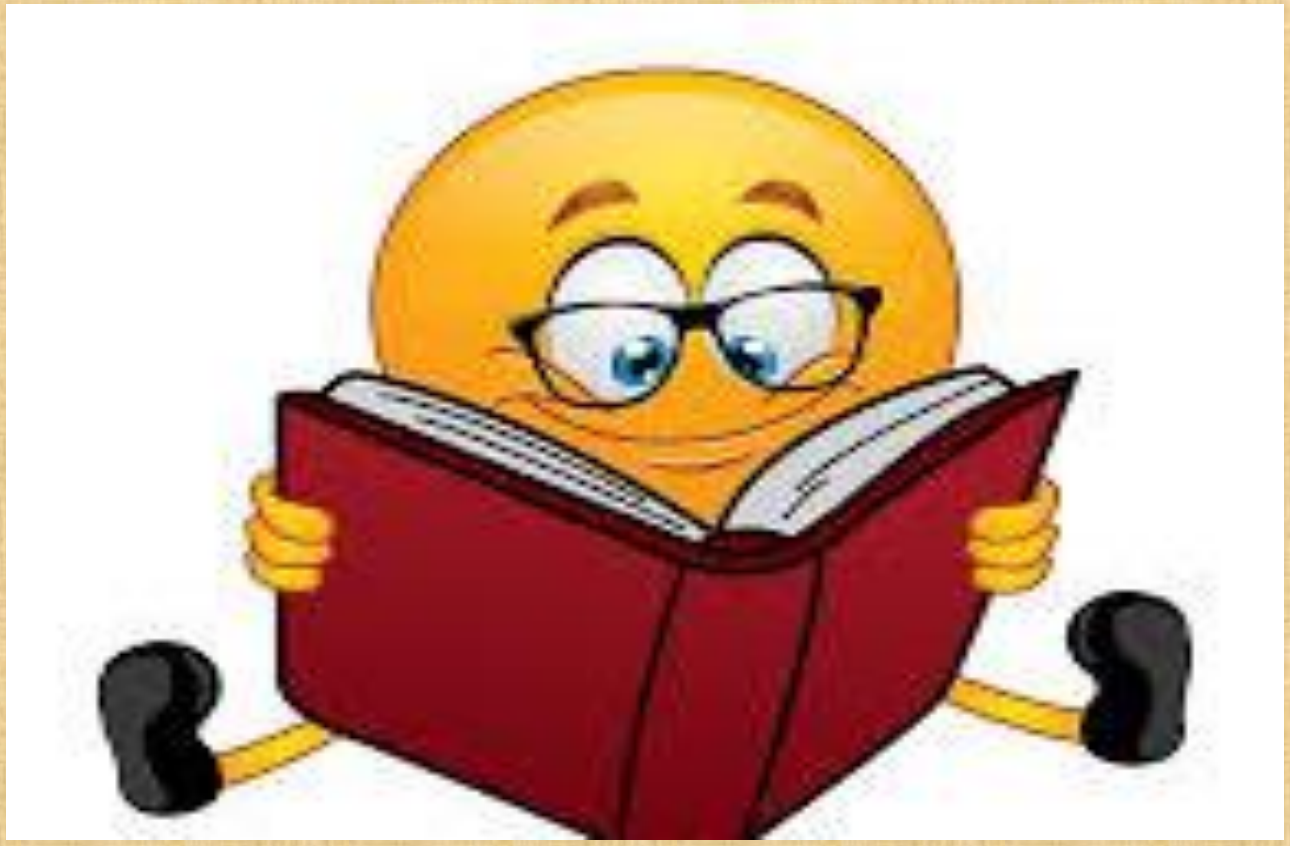
Going across you are counting in 1s.

Going down you are counting in 10s.

100 Square

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

Let's go through some examples!



When we are **adding** the numbers get **bigger!** This is because we are adding **two groups** altogether.

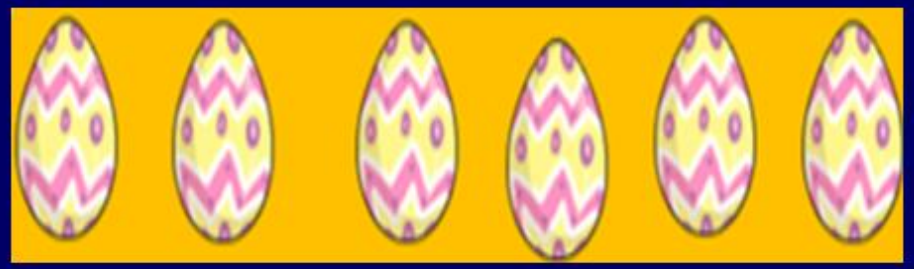
12 + 6

12+6 =18

So……

When we are **adding** you can even **swap** the numbers around and the answer will still be the **same.** They will still get **bigger!** This is because we are adding two **groups altogether.**

6 + 12



$$6+12=18$$

Lets go through some examples on how to use a 100 Square!

Always put your finger on the first number on the 100 square and then decide if you need to move down or across.

For example, you must put your finger on 6 and then move across 4 squares to 10 because you are adding 4.

Because the second number is less than 10 you must count across.

6+4=10

100 Square

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
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71	72	73	74	75	76	77	78	79	80
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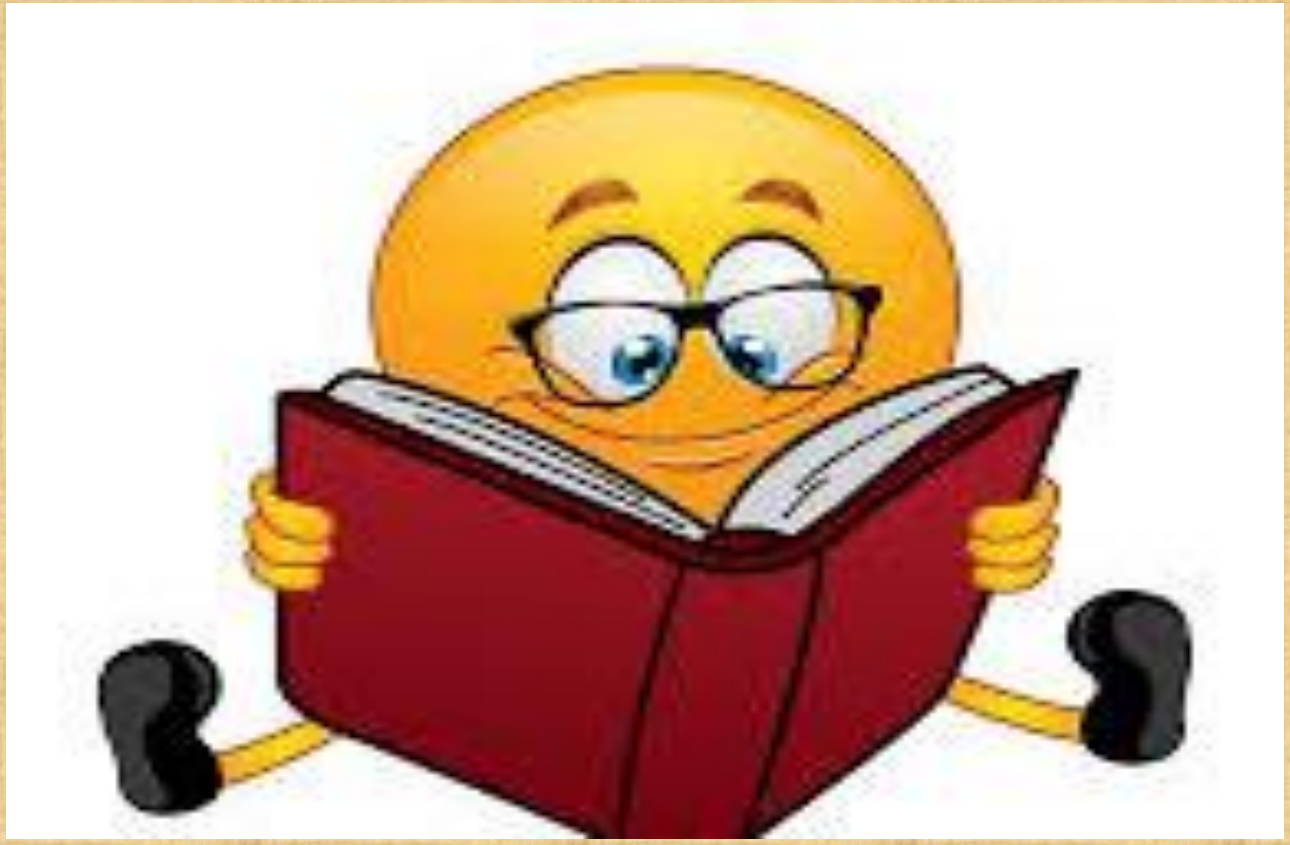
Let's go through some more examples



Always put your finger on the first number on the 100 square and then decide if you need to move down or across.

For example, you must put your finger on 3 and then move down 1 square to 13 because you are adding 10. It's easier to move down then across

3+10=13

100 Square

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

Let's make it harder spicy!

Always put your finger on the first number on the 100 square and then decide if you need to move down or across.

For example, you must put your finger on 25 and then move down 2 squares to 45 because you are adding 20. And we know each square going down is adding 10!

25+20=45

100 Square

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
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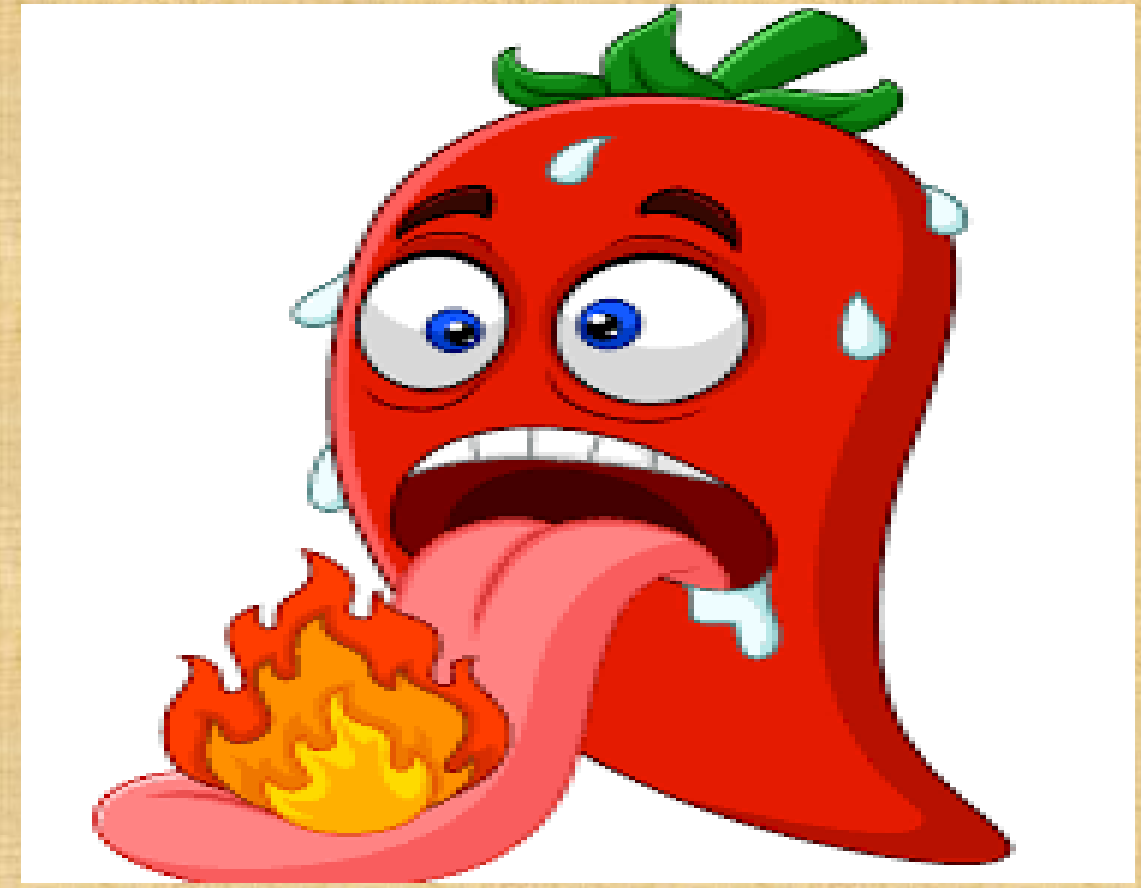
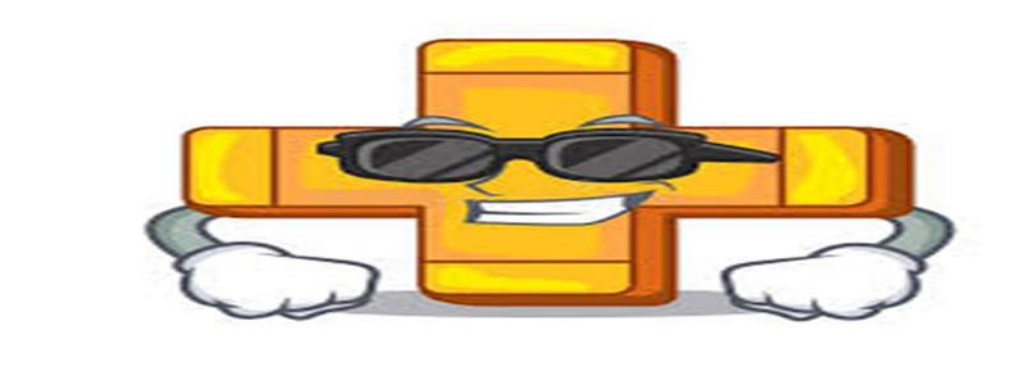
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Let's make it SPICY!



Put your finger on 11 and then move down 2 squares to 31. You have now added 20.

Now move across 2 squares to add the 2s.



11+22=33

100 Square

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
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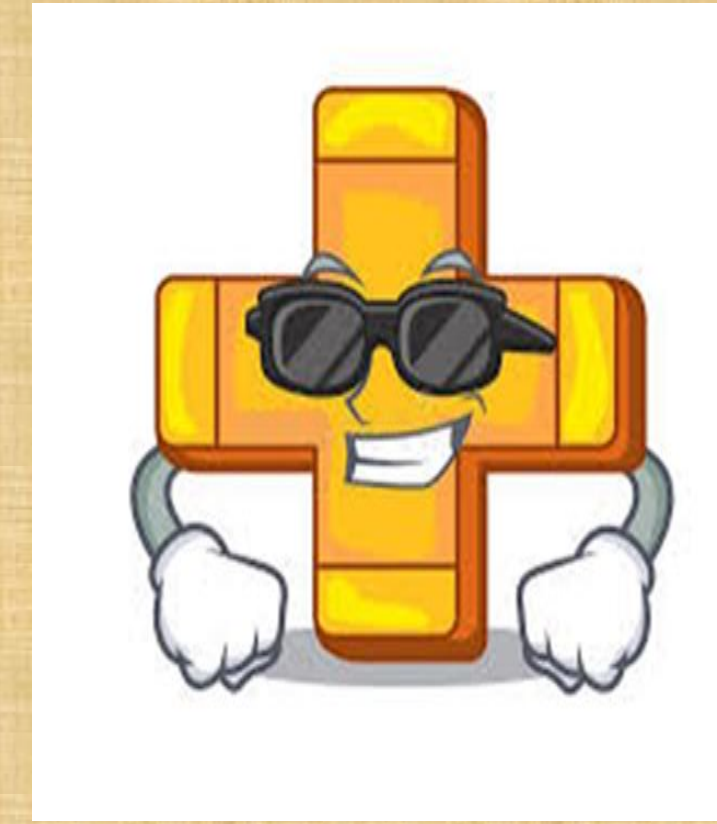
91	92	93	94	95	96	97	98	99	100

Now it's your turn to try some examples.

Remember to use the 100 Square to help you and remember the rules!



100 Square

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

1.2+8=

2.11+9=

3.14+10=

4.31+20=

5.44+33=

6.26+42=

100 Square

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
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91	92	93	94	95	96	97	98	99	100

Your Challenge. Use the 100 Square to calculate the number bonds and REMEMBER the RULES!

Mixed Number Bonds

10 + 10 =	12 + 8 =	16 + 20 =
5 + 15 =	9 + 10 =	13 + 17 =
1 + 20 =	7 + 13 =	12 + 19 =
9 + 10 =	19 + 1 =	4 + 33 =
4 + 16 =	16 + 13 =	11 + 22 =
18 + 2 =	2 + 18 =	12 + 14 =
1 + 18 =	13 + 6 =	89 + 9 =
14 + 6 =	20 + 0 =	40 + 12 =
11 + 8 =	15 + 4 =	66 +33 =
7 + 12 =	13 + 7 =	55 + 25 =
6 + 14 =	14 + 5 =	16 + 16 =
8 + 11 =	18 + 2 =	85 + 15 =
3 + 16 =	9 + 11 =	
10 + 10 =	15 + 5 =	

1	2	3	4	5	6	7	8	9	10
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91	92	93	94	95	96	97	98	99	100

Plenary

When we are adding the numbers get bigger! This is because we are adding two numbers altogether.

When we use a 100 Square to add we can go down to count in 10s. Or go across to count is 1s.

The further down you move the bigger the number is.

The further across you go the bigger the number is in 1s.

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
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51	52	53	54	55	56	57	58	59	60
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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

You guys are AMAZING!