

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



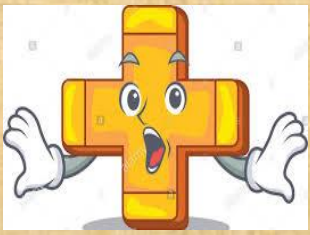
## 100 Square

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.



# Recap



- We've learnt that 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 in **1s**.
- The further **down** on the 100 Square you go the **bigger** the number gets. The further **across** on a 100 Square you go the **bigger** the number also gets!

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



$$6 + 12 = 18$$

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



12

+

6



$$12 + 6 = 18$$

# 100 Square

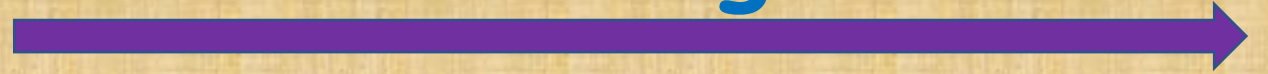


When we use a  
100 Square to add  
we can go down to  
count in 10s.  
Or go across to  
count in 1s.

For example....

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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Going across you  
are counting in 1s.



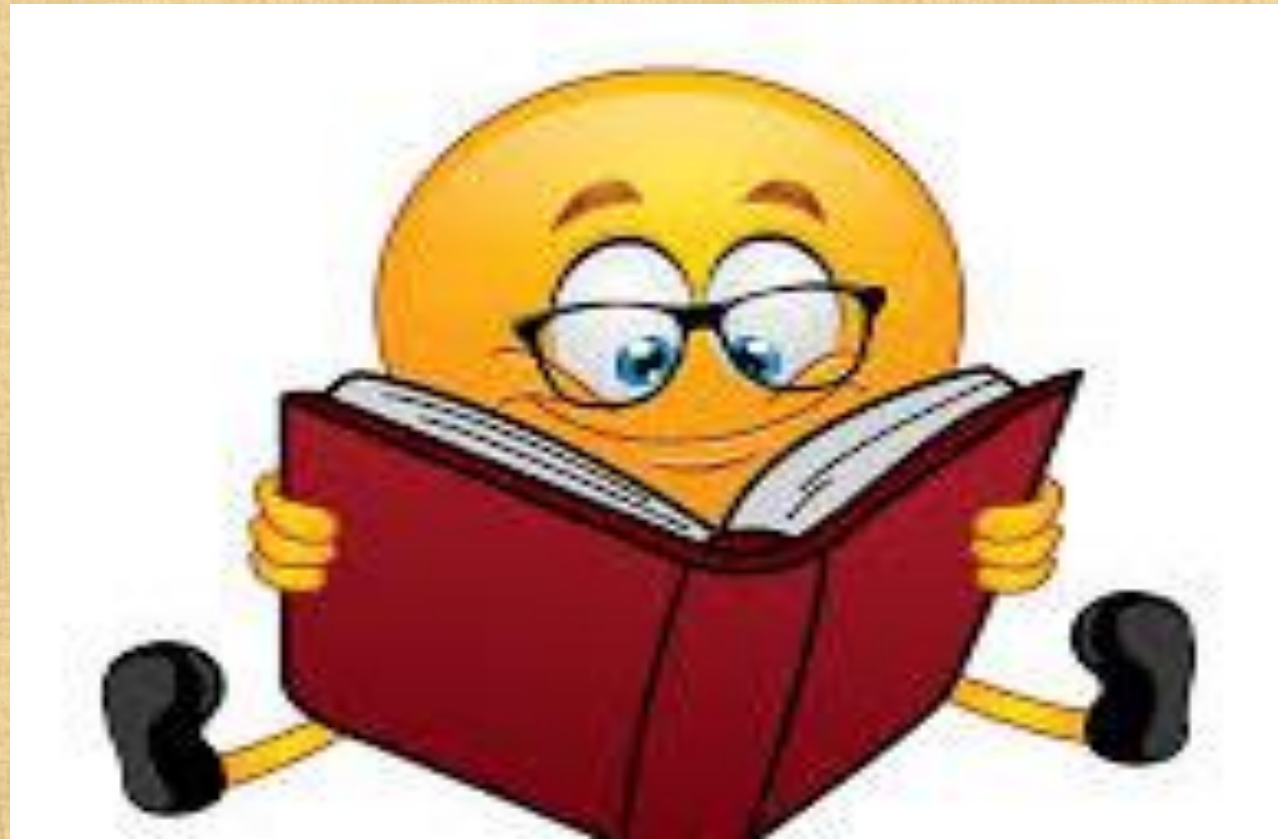
Going down you  
are counting in  
10s.



## 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
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91	92	93	94	95	96	97	98	99	100

Let's go through some 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 18 and then move across 8 squares to 26 because you are adding 8.

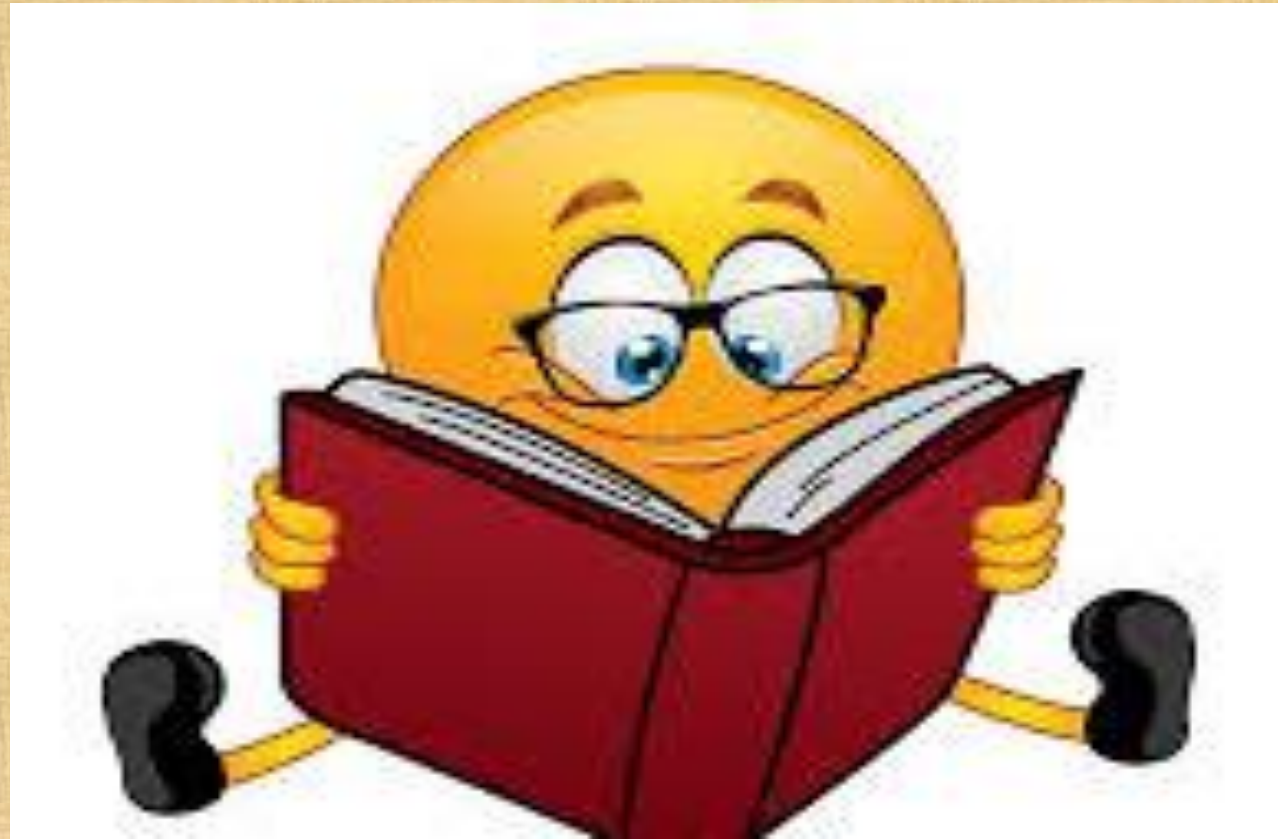
Because the second number is less than 10 you must count across.

$$18 + 8 = 26$$

## 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
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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.

You must put your finger on 33 and then move down 1 square and across 2 squares to 45 because you are adding 12.

Remember going down 1 square is equal to 10.

$$33 + 12 = 45$$

# 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
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**Let's make it harder!**



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

You must put your finger on 50 and then move down 1 square and across 5 squares to 65 because you are adding 15.

Remember going down 1 square is equal to 10.

$$50 + 15 = 65$$

# 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
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Let's make it **SPICY!**



Put your finger on 76 and then move down 2 squares to 96. You have now added 20.

Now move across 4 squares to add the 4s.

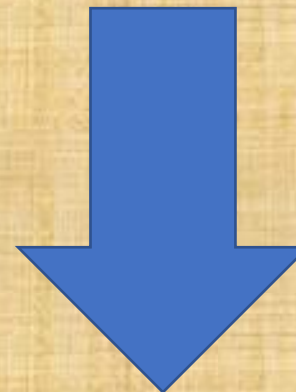
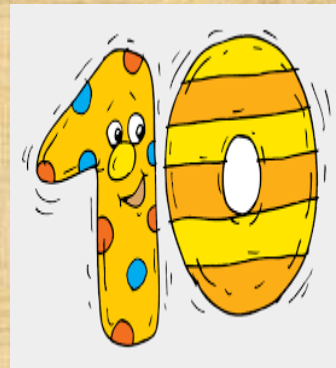
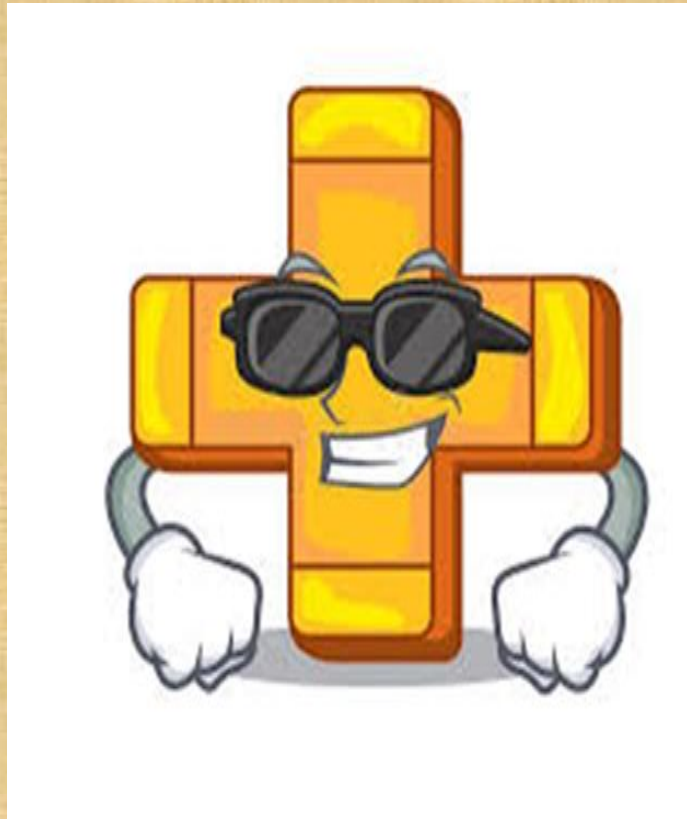


$$76 + 24 = 100$$

# 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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Now it's your turn to try some examples.  
Remember to use the 100 Square to help  
you and remember the rules!



**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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1.  $12+8=$

2.  $11+12=$

3.  $24+20=$

4.  $41+23=$

5.  $45+35=$

6.  $60+40=$

# 100 Square

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



# Mixed Number Bonds

$17 + 8 =$

$26 + 14 =$

$50 + 45 =$

$15 + 15 =$

$15 + 25 =$

$66 + 24 =$

$30 + 6 =$

$17 + 33 =$

$45 + 55 =$

$22 + 18 =$

$11 + 29 =$

$88 + 12 =$

$13 + 7 =$

$10 + 46 =$

$53 + 47 =$

$9 + 30 =$

$62 + 24 =$

$34 + 33 =$

$16 + 6 =$

$75 + 27 =$

$15 + 39 =$

$27 + 13 =$

$41 + 20 =$

$18 + 28 =$

$10 + 19 =$

$14 + 26 =$

$77 + 23 =$

$12 + 16 =$

$23 + 39 =$

$16 + 55 =$

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# 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 in 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
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**GOOD JOB**