

**Place Value,
Addition and
Subtraction**

Year 2 Autumn Term Week 3

Lesson 1

Today we will be learning to:

- read and write numerals
- add and subtract multiples of 10.

Mental Activity

Count in steps of 20.

Start from 31.

Count on in steps of 50.

Start from 19.

Count on in steps of 100.

Start from 50.

Count back in steps of 30.

Start from 180.

Count back in steps of 100.

Start from 900.

Count back in steps of 40.

Start from 160.

Find the missing multiples of 10 to 100.

10

40

30

100

60

90

80

The missing multiples were:

20

50

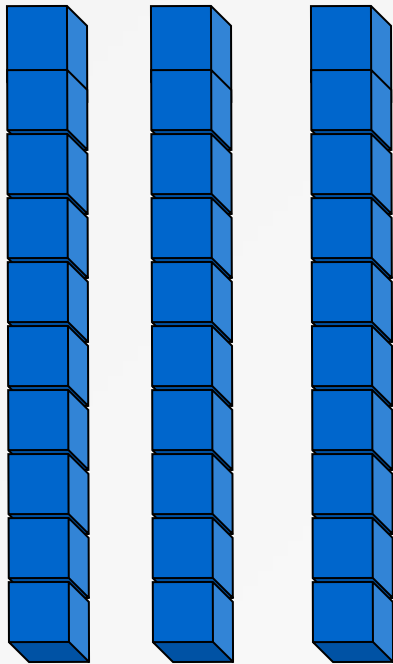
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Main Activity

Today we are going to work on adding and subtracting in tens.

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

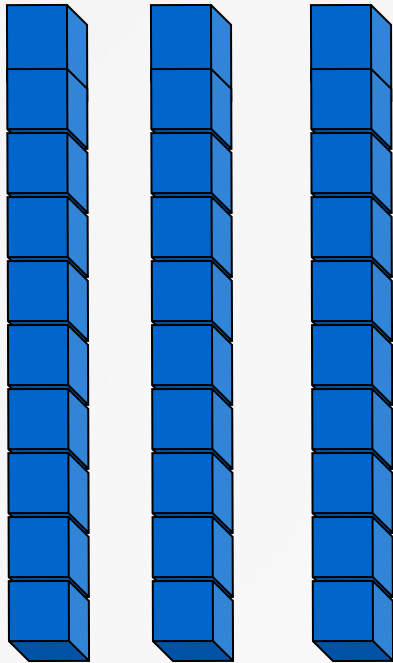
How many tens would you have if you
had two tens



and you were given one more ten?

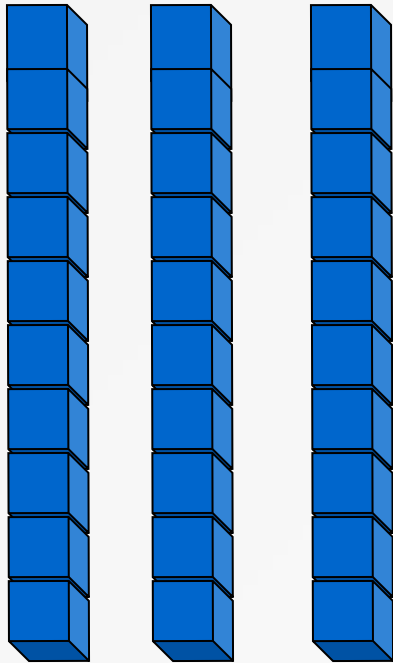
What number have you got now?

How would you write this number?



30

How did you work out the answer?



Can you say the
addition sentence?

How would we write it?

$$20 + 10 = 30$$

Looking at different strategies to solve this problem.

We solved it this time using base 10 apparatus.

How else could we have solved it?

We could use a 100 square.

To add on 20 you count down two rows.

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

To add on 20 you count down two rows.

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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

To add on 10 you count down one more row.

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

You could solve this problem by using number bonds.

What number do I have to add to this number to make 10?

$$1 + 9 = 10$$

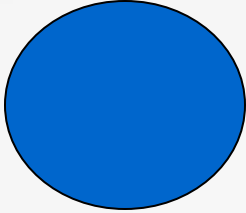
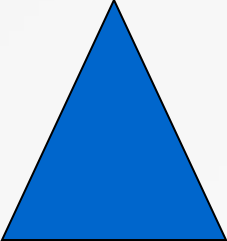
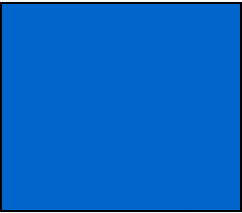
$$2 + 8 = 10$$

$$3 + 7 = 10$$

$$4 + 6 = 10$$

$$5 + 5 = 10$$

Group Work

	Play 'Bingo'.
	Play 'Bingo'.
	Play 'Bingo'.

Bingo

	60		100	
20				
		80		
	10		30	
70		90		50
		40	60	
	50	0		20

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