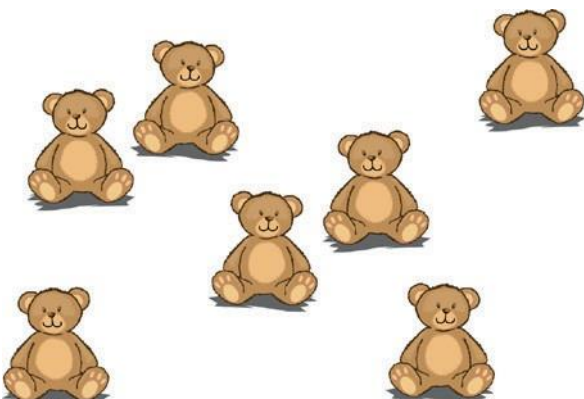





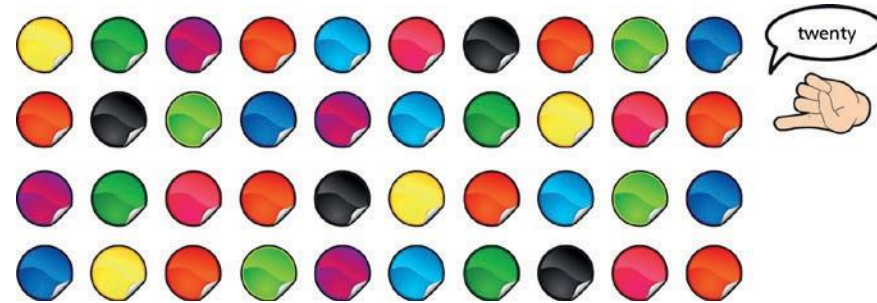
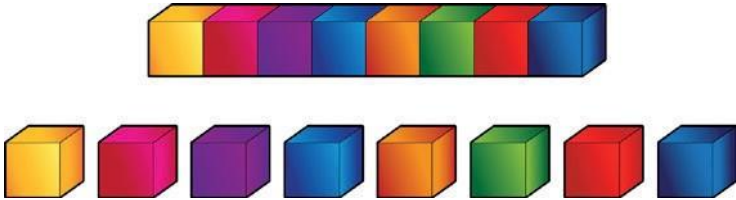
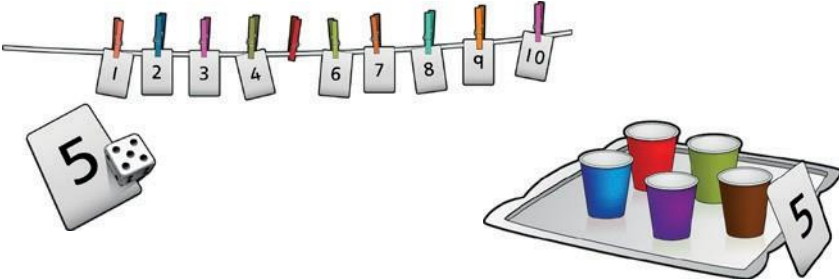
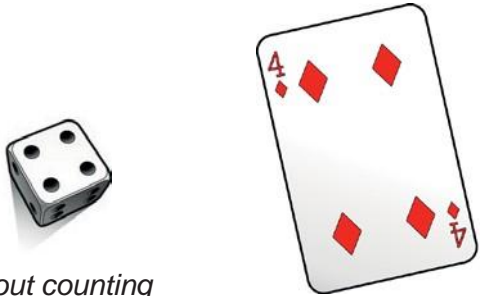
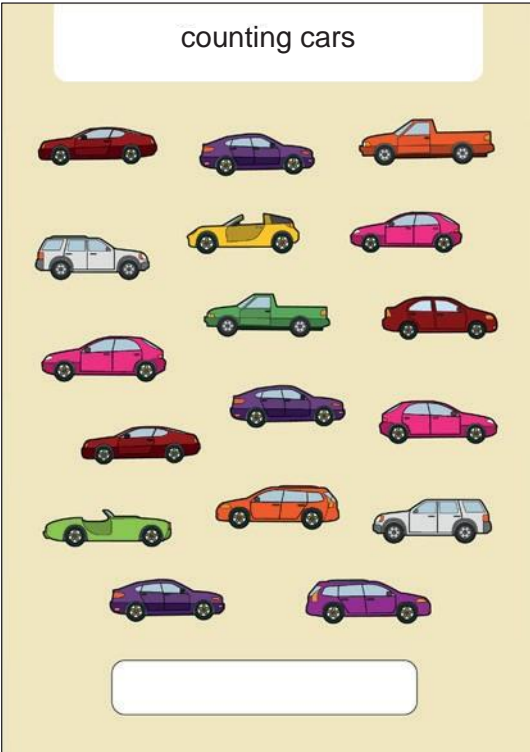
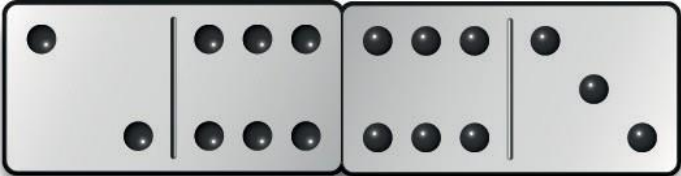


	Reception	Year 1
Counting	<p>How many in a set?</p>  <p>Seven hand claps</p> <p>Estimate, and encourage estimation, within a range</p>  	<p>How many in a set?</p> <p>Estimate, and encourage estimation, within a range</p>   <p>Count a large set of objects in 2s, 5s or 10s</p>  

	Reception	Year 1
Counting	<p>Count, matching one-to-one</p>  <p>Conservation of number Match numerals to a set of objects, sounds or images</p>  <p>Subitise</p>  <p>e.g. know there are 4 without counting</p>	<p>Match numerals to a set of objects, sounds or images</p>  <p>Subitise e.g. know there are 6 without counting</p> 

Counting

Reception

Numbers in a line or sequence

Recognise numerals

A string with seven numbered cards (1-7) and three empty slots, each held by a clothespin.

Count along a number line or track

A wooden number line track with numbers 1 to 10.

Spot missing numbers in the line

A string with numbered cards (1-10) where the card for 6 is missing, leaving a gap.

Year 1

Numbers in a line or sequence

Recognise numerals

A string with eight numbered cards (13-20), each held by a clothespin.

Count along a 100-square, spotting missing numbers

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

Counting

Reception

Chant numbers in order to 10 and 20
Match the units to fingers

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

Year 1

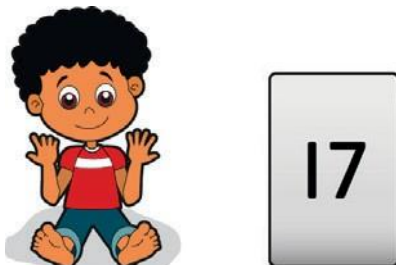
Chant numbers in order to 100
Match the units to fingers

Counting


Reception

Place value

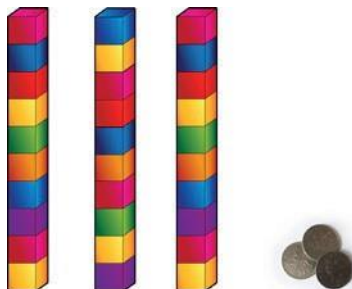
Understand 'teen' numbers (10 to 20)



Begin to recognise 2-digit numbers



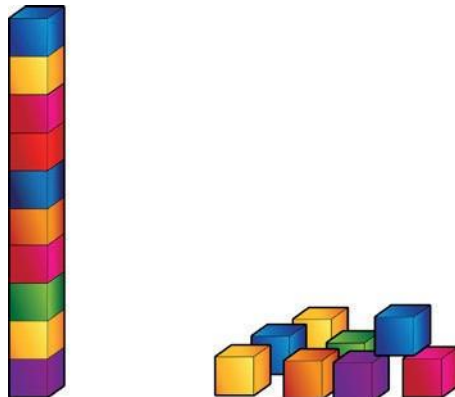
Begin to count in 10s




Year 1

Place value

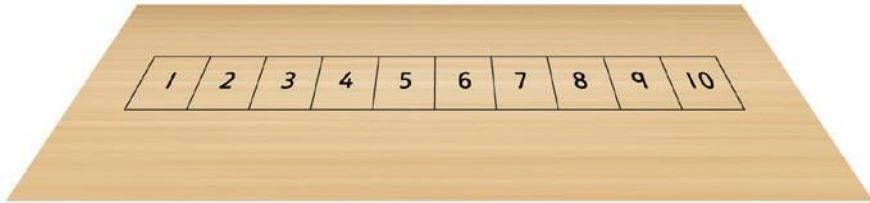

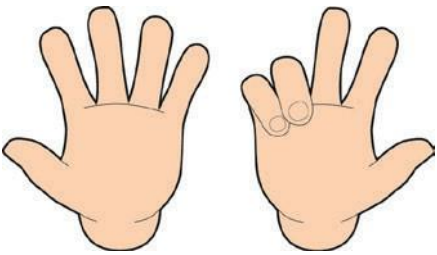




Understand 'teen' numbers (10 to 20)





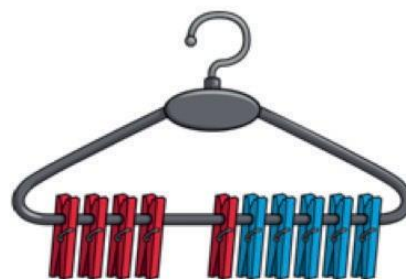


Recognise place value in 2-digit numbers



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

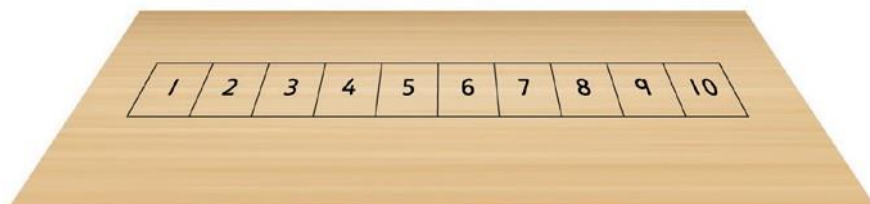
	Reception	Year 1									
Addition	<p>Counting on</p> <p>Count on one more, saying the next number</p>  <div> $7 + 1 = 8$ </div> <p>Count on 2 or 3 or 4 more from any number up to 10</p>   <div> $5 + 3 = 8$ </div>	<p>Using place value</p> <p>Count in 1s e.g. $45 + 1$</p> <p>Count in 10s e.g. $45 + 10$ without counting on in 1s</p> <table border="1"> <tr> <td>34</td><td>35</td><td>36</td></tr> <tr> <td>44</td><td></td><td>46</td></tr> <tr> <td>54</td><td>55</td><td>56</td></tr> </table> <p>Add 10 to any given 2-digit number</p> <p>Counting on</p> <p>Count on in 1s e.g. $8 + 3$ as 8, 9, 10, 11</p> <p>Add, putting the larger number first Count on in 10s e.g. $45 + 20$ as 45, 65</p> 	34	35	36	44		46	54	55	56
34	35	36									
44		46									
54	55	56									

	Reception	Year 1
Addition	<p>Number bonds</p> <p>Subitise</p>  <p>Split sets into bonds</p>  <div data-bbox="454 815 907 874"> $4 + 2 = 6$ </div>  <div data-bbox="454 1046 907 1106"> $4 + 3 = 7$ </div> <p>Make small amounts</p> 	<p>Using number facts</p> <p>'Story' of 4, 5, 6, 7, 8 and 9 e.g. $7 = 7 + 0$, $6 + 1$, $5 + 2$, $4 + 3$</p> <p>Number bonds to 10 e.g. $5 + 5$, $6 + 4$, $7 + 3$, $8 + 2$, $9 + 1$, $10 + 0$</p>  <div data-bbox="1422 839 1874 898"> $4 + 6 = 10$ </div> <p>Use patterns based on known facts when adding e.g. $4 + 3 = 7$ so we know $24 + 3$, $44 + 3$, $74 + 3$</p>

Reception

Counting back

Count back 1 less, saying the number before



$$7 - 1 = 6$$

Take away 2 or 3 or 4 from any number up to 10



$$5 - 2 = 3$$



$$7 - 1 = 6$$

Year 1

Using place value

Count back in 1s

e.g. know $53 - 1$

Count back in 10s

e.g. know $53 - 10$ without counting back in 1s

32	33	34
42	43	44
52	53	54

Taking away

Count back in 1s





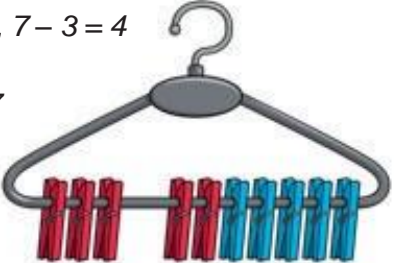
e.g. $11 - 3$ as 11, 10, 9, 8

e.g. $14 - 3$ as 14, 13, 12, 11

Count back in 10s

e.g. $53 - 20$ as 53, 43, 33

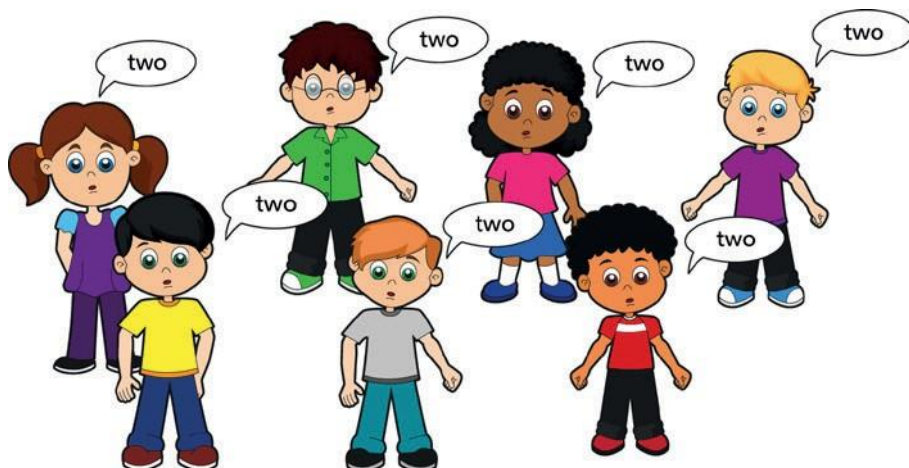


	Reception	Year 1
Subtraction	<p>Number bonds</p> <p>Subitise</p>  <p>Split sets into bonds</p>  <div> $6 - 2 = 4$ </div>  <div> $7 - 4 = 3$ </div> <p>Use money</p> 	<p>Using number facts</p> <p>'Story' of 4, 5, 6, 7, 8 and 9 e.g. 'Story' of 7 is $7 - 1 = 6$, $7 - 2 = 5$, $7 - 3 = 4$</p> <p>Number bonds to 10 e.g. $10 - 1 = 9$, $10 - 2 = 8$, $10 - 3 = 7$</p>  <div> $10 - 7 = 3$ </div> <p>Subtract using patterns of known facts e.g. $7 - 3 = 4$ so we know $27 - 3 = 24$, $47 - 3 = 44$, $77 - 3 = 74$</p>

Reception

Counting in steps ('clever counting')

Begin to count in 2s



Two, four, six...

Begin to count in 5s



Five, ten, fifteen, twenty...

Begin to count in 10s

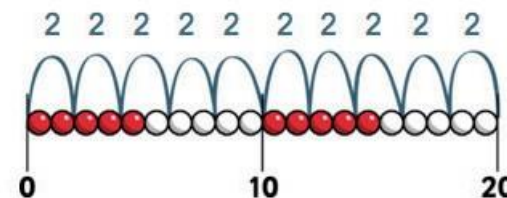


Ten, twenty, thirty...

Year 1

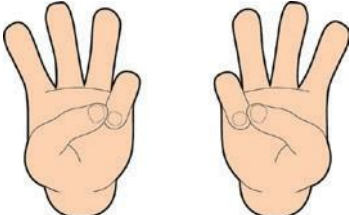
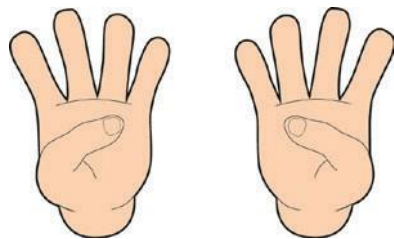
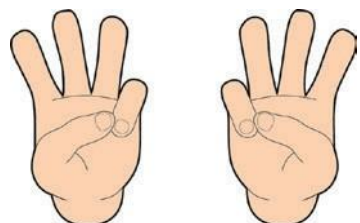
Counting in steps ('clever counting')


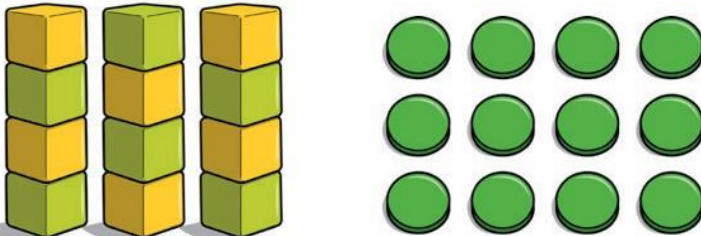
Counting in 2s



Count in 10s

1	2	3	4	5	6	7	8	9	
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

	Reception	Year 1
Multiplication and division	<p>Doubling and halving</p> <p>Double numbers to 5</p>  <p>Double 3 is 6</p> <p>Halve even numbers to 10</p>  <p>Half of 8 is 4</p>	<p>Doubling and halving</p> <p>Find doubles to double 5 using fingers <i>e.g. double 3</i></p>  <p>Find half of even numbers up to 12, including realising that it is hard to halve an odd number</p>

	Reception	Year 1
Multiplication and division	<p>Sharing</p> <p>Share multiples of 2 and 4 into halves and quarters</p> 	<p>Grouping</p> <p>Begin to use visual and concrete arrays and sets of objects to find the answers to 'three lots of four' or 'two lots of five'</p> <p><i>e.g. three lots of four</i></p>  <p>Begin to use visual and concrete arrays and sets of objects to find the answers to questions such as 'How many towers of three can I make with twelve cubes?'</p> <p>Sharing</p> <p>Begin to find half of a quantity using sharing</p> <p><i>e.g. find half of 16 cubes by giving one each repeatedly to two children</i></p>

