Winton's Mathematical Methods and Calculation Policy

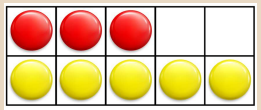
Year 1

Addition +

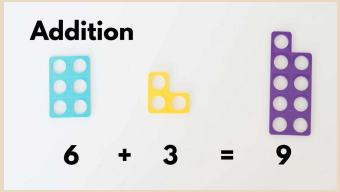
Vocabulary

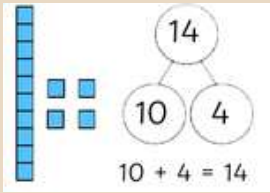
add
total
increase
more
plus
make
sum
altogether
number bonds

1. Combining two groups using concrete and pictorial

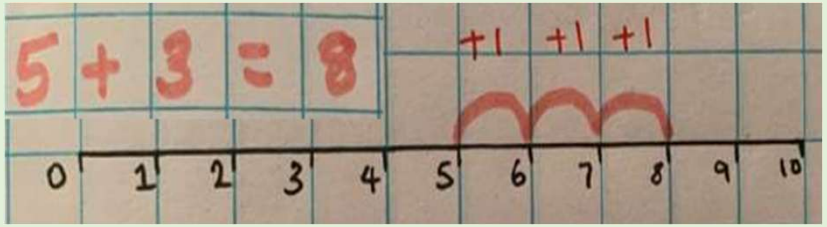


3 + 5 = 8

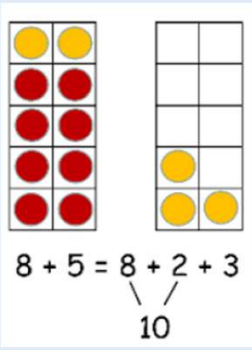




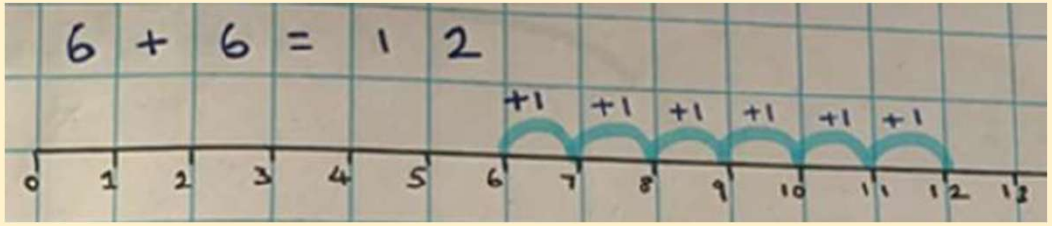
2. Number line (structured) jumping in ones



3. Bridging 10 using counters and tens frames



4. Number line (structured) bridging through 10



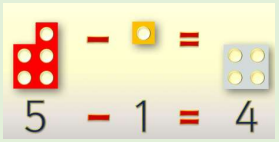
alongside bead string

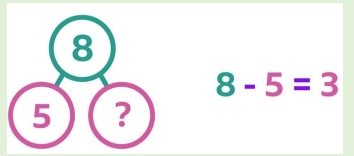
Subtraction

Vocabulary

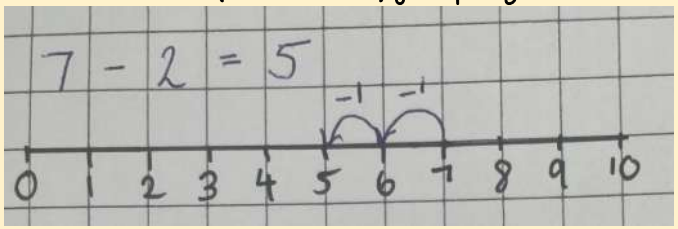
subtract
subtraction
total
decrease
less
minus
difference
number bonds

1. Removing - concrete and pictorial

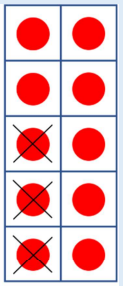




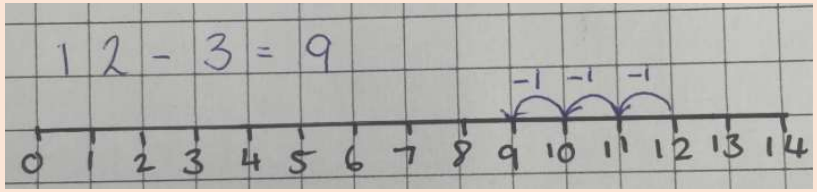
2. Number line (structured) jumping in ones



3. Bridging 10 using counters and tens frames



4. Number line (structured) bridging through 10



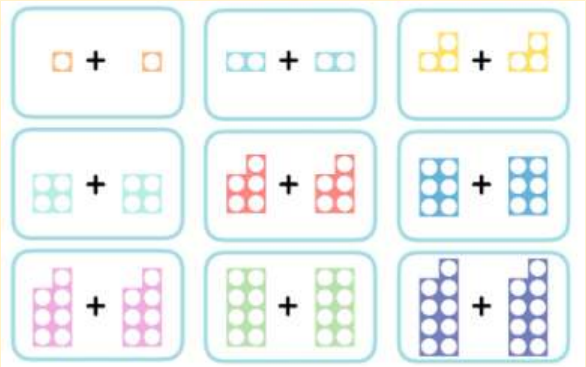
alongside bead string

Multiplication ✖

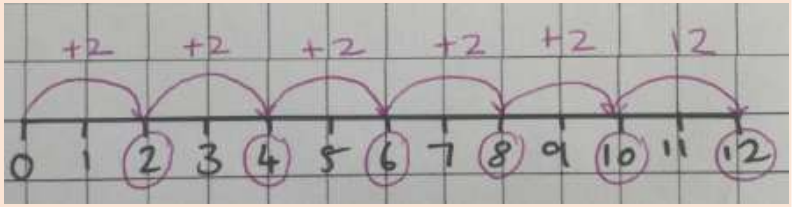
Vocabulary

multiply
lots of
inverse

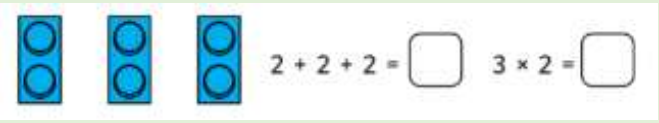
1. Doubles



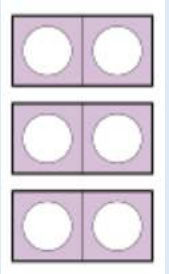
2. Skip counting on number track and number line



3. Repeated addition

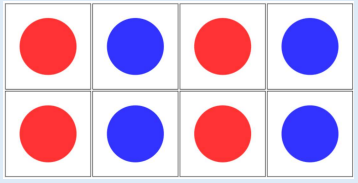


4. Arrays



3 x 2 = 6

4 x 2 = 8

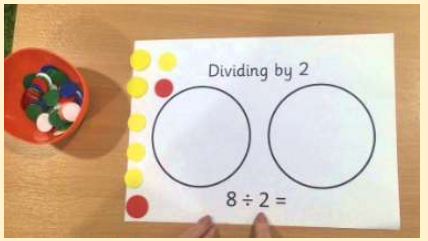


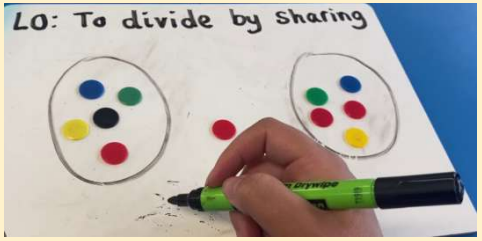
Division

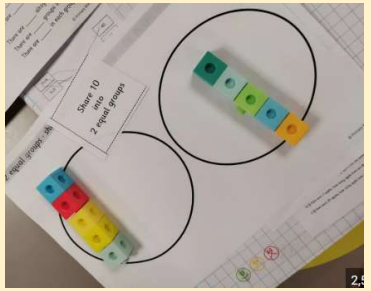
Vocabulary

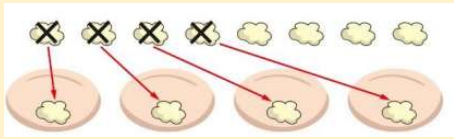
share
equal
groups of
multiples

1. Sharing – concrete

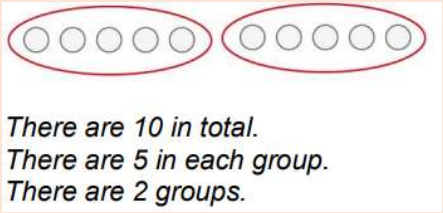




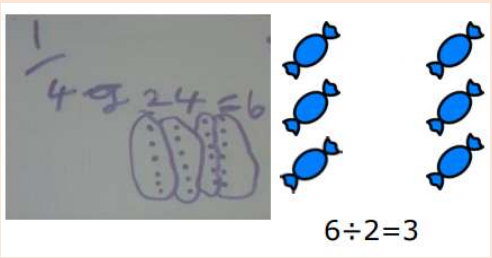




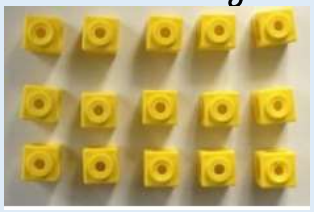
2. Sharing – pictorial and abstract



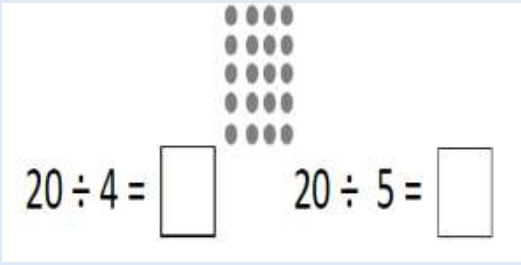
There are 10 in total.
There are 5 in each group.
There are 2 groups.



3. Arrays



15 ÷ 3 = 15

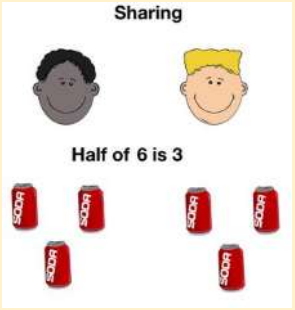


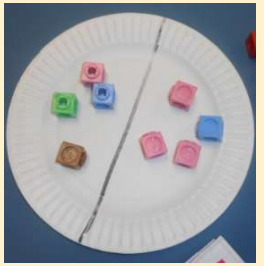
Fractions

Vocabulary

numerator
denominator
equivalent

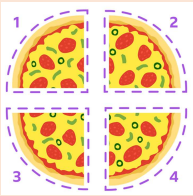
1. Finding half of a quantity

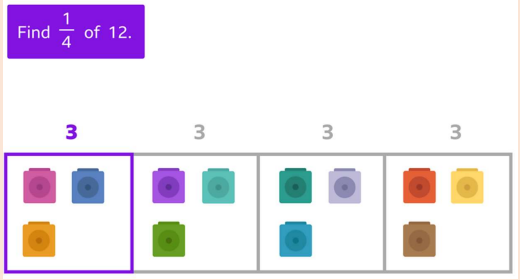




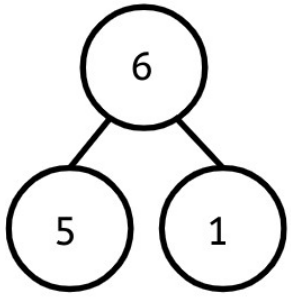
$\frac{1}{2}$ of 6 = 3

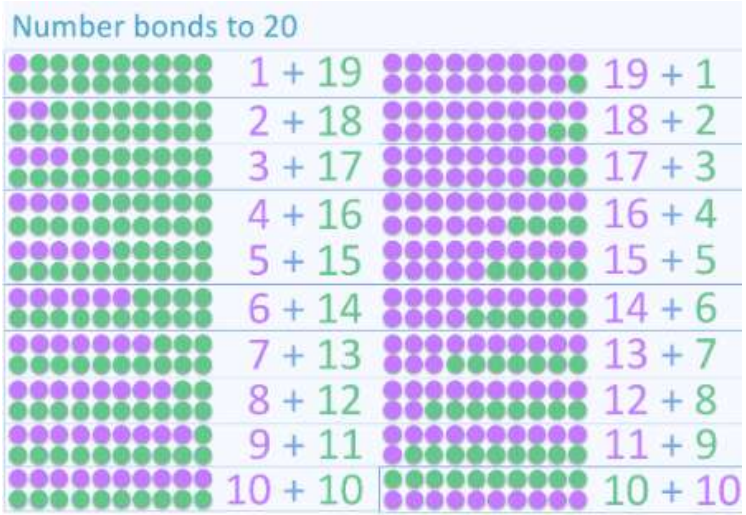
2. Finding a quarter of a quantity





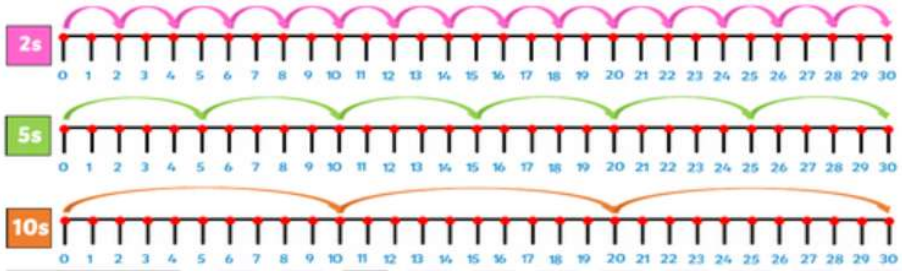
Number Facts





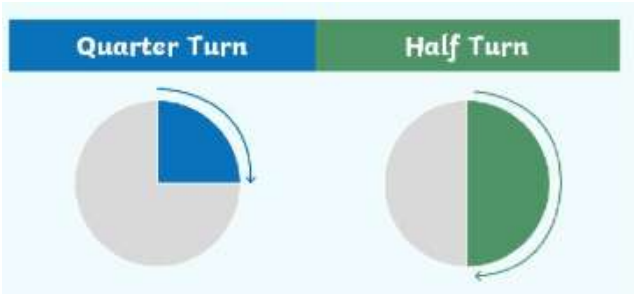
Numbers 1 to 100

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



1 whole	
½	½
¼ ¼	¼ ¼

Number Facts



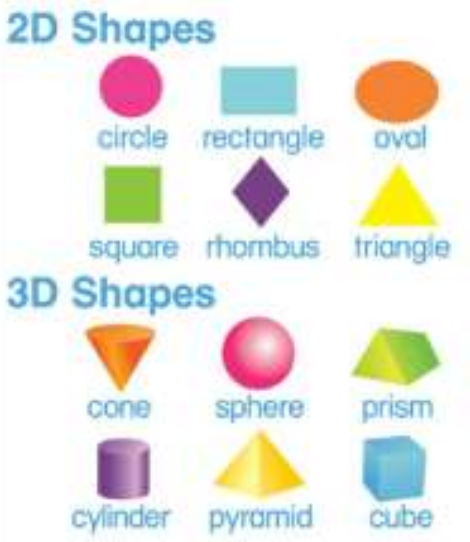
1 × 2 = 2	1 × 5 = 5	1 × 10 = 10
2 × 2 = 4	2 × 5 = 10	2 × 10 = 20
3 × 2 = 6	3 × 5 = 15	3 × 10 = 30
4 × 2 = 8	4 × 5 = 20	4 × 10 = 40
5 × 2 = 10	5 × 5 = 25	5 × 10 = 50
6 × 2 = 12	6 × 5 = 30	6 × 10 = 60
7 × 2 = 14	7 × 5 = 35	7 × 10 = 70
8 × 2 = 16	8 × 5 = 40	8 × 10 = 80
9 × 2 = 18	9 × 5 = 45	9 × 10 = 90
10 × 2 = 20	10 × 5 = 50	10 × 10 = 100
11 × 2 = 22	11 × 5 = 55	11 × 10 = 110
12 × 2 = 24	12 × 5 = 60	12 × 10 = 120

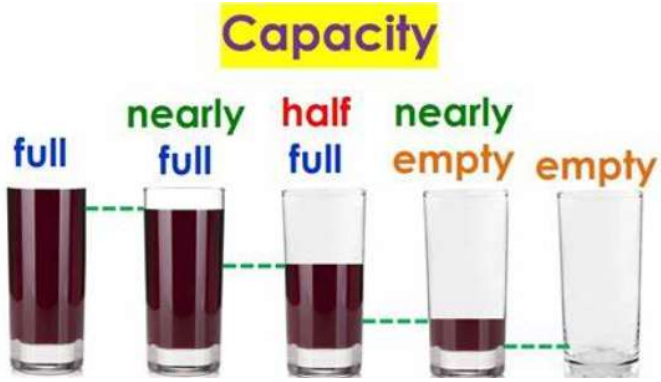
British Coins and Notes

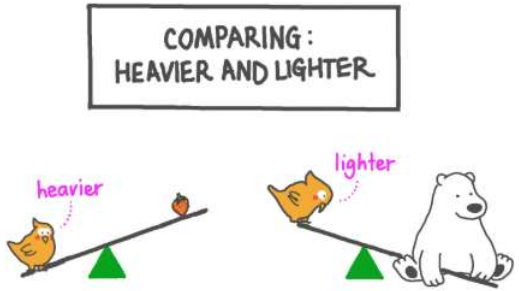
1p one penny
2p two pence
5p five pence
10p ten pence
20p twenty pence
50p fifty pence
£1 one pound
£2 two pounds

£5 five pounds
£10 ten pounds
£20 twenty pounds
£50 fifty pounds

Number Facts







Months of the Year	
January	1
February	2
March	3
April	4
May	5
June	6
July	7
August	8
September	9
October	10
November	11
December	12

Celebrations	
New Year	January 1
Christmas	December 25
Your Birthday	

Seasons	
Spring	Summer
Autumn/Fall	Winter

Days of the Week
Sunday
Monday
Tuesday
Wednesday
Thursday
Friday
Saturday