

Multiplication - grouping as repeated addition.

$$4 + 4 + 4 + 4 + 4 =$$

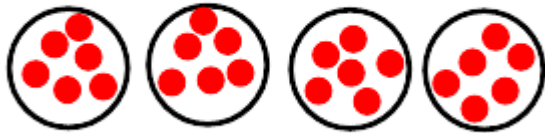
Use **Arrays** (putting counters in rows of the same number)



Show how $4 + 4 + 4 + 4 + 4 =$ is 5 lots of 4 or 5 times 4.

Write as 5×4 . This can also be written as 4×5 .

Division - sharing or grouping objects



24 pots have been shared within 4 circles.

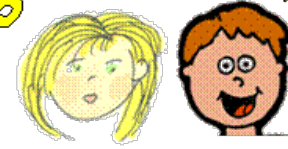
So 24 divided by 4 equals 6.

Group objects into circles

$$24 \div 6 = 4.$$

$$24 \div 4 = 6$$

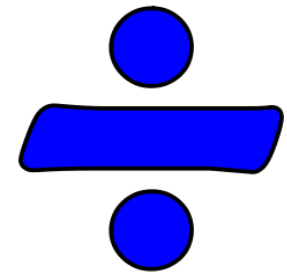
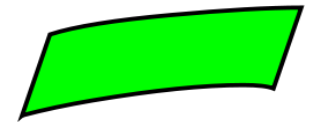
South Bank



Primary School

Maths Booklet

Year 2D



These are the methods that your child will be using in Maths. Please support your child at home using the following methods.

Addition

Partitioning of numbers (separating tens and ones)

$$13 + 14 =$$

$$10 + 10 = 20$$

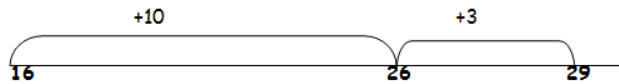
$$3 + 4 = 7$$

$$20 + 7 = 27$$

$$\begin{array}{r} 13 + 14 = \\ \swarrow \quad \searrow \quad \swarrow \quad \searrow \\ 10 + 3 \quad 10 + 4 \end{array}$$

Number lines e.g. $13 + 16 =$

The higher number has been placed at the beginning of the number line.



Move onto using a hundred square e.g. $13 + 14$

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

A blue arrow labeled '+1' points from 13 to 14. A blue arrow labeled '+10' points from 13 down to 23. A red line is drawn from 13 to 23.

When adding 1 move one square to the right.
When adding ten move one square down the column.

Subtraction

Subtract by partitioning (separating tens and ones)

$$\begin{array}{r} 12 \\ \swarrow \quad \searrow \\ 10 + 2 \end{array}$$

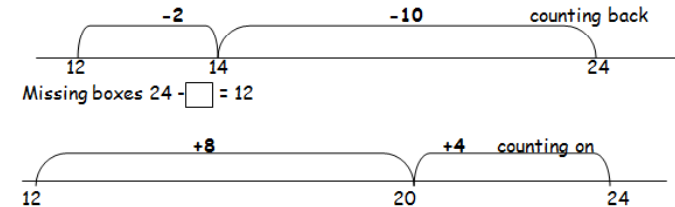
$$24 - 12$$

$$24 - 10 = 14$$

$$14 - 2 = 12$$

Use a number line to count on and count back.

E.g. $24 - 12 =$



Move onto using a hundred square e.g. $24 - 12$

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

A red arrow labeled '-1' points from 14 to 13. A red arrow labeled '-10' points from 14 up to 4. A red arrow labeled '-10' points from 24 up to 14.

When subtracting 1 move one square to the left.
When subtracting ten move one square up the column.