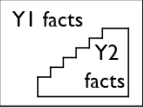


**Addition and subtraction facts**

+	0	1	2	3	4	5	6	7	8	9	10
0	0+0	0+1	0+2	0+3	0+4	0+5	0+6	0+7	0+8	0+9	0+10
1	1+0	1+1	1+2	1+3	1+4	1+5	1+6	1+7	1+8	1+9	1+10
2	2+0	2+1	2+2	2+3	2+4	2+5	2+6	2+7	2+8	2+9	2+10
3	3+0	3+1	3+2	3+3	3+4	3+5	3+6	3+7	3+8	3+9	3+10
4	4+0	4+1	4+2	4+3	4+4	4+5	4+6	4+7	4+8	4+9	4+10
5	5+0	5+1	5+2	5+3	5+4	5+5	5+6	5+7	5+8	5+9	5+10
6	6+0	6+1	6+2	6+3	6+4	6+5	6+6	6+7	6+8	6+9	6+10
7	7+0	7+1	7+2	7+3	7+4	7+5	7+6	7+7	7+8	7+9	7+10
8	8+0	8+1	8+2	8+3	8+4	8+5	8+6	8+7	8+8	8+9	8+10
9	9+0	9+1	9+2	9+3	9+4	9+5	9+6	9+7	9+8	9+9	9+10
10	10+0	10+1	10+2	10+3	10+4	10+5	10+6	10+7	10+8	10+9	10+10



- Adding 1
- Adding 2
- Bonds to 10
- Adding 0
- Doubles
- Near doubles

Grids taken from [nctm.org.uk](http://nctm.org.uk)

**Counting in 2s, 5s and 10s**

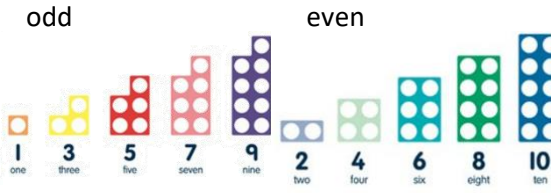
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

1	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

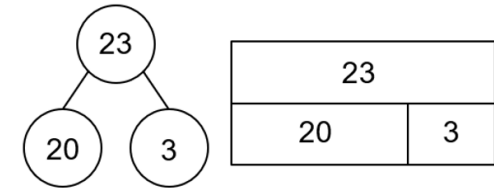
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



**Recognise odd and even numbers**



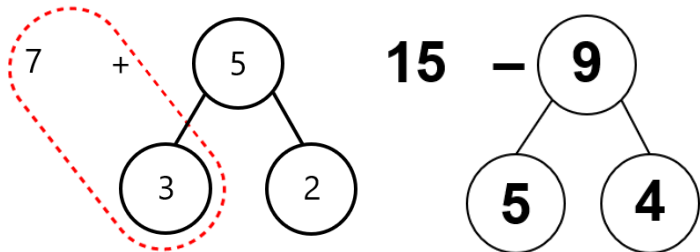
**Part whole model showing related facts**



$20 + 3 = 23$      $23 - 20 = 3$   
 $3 + 20 = 23$      $23 - 3 = 20$   
 $23 = 20 + 3$      $3 = 23 - 20$   
 $23 = 3 + 20$      $20 = 23 - 3$

**Adding and subtracting across 10, using number bonds**

7 + 5 is the same as 7 + 3 = 10 + 2 = 12

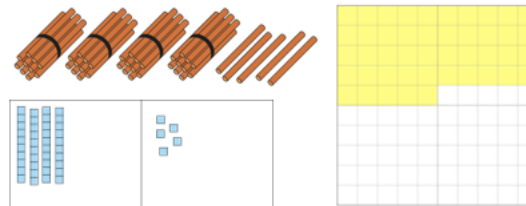


15 - 9 is the same as 15 - 5 = 10 - 4 = 6

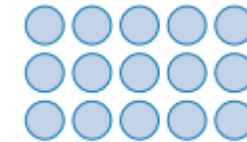
**Recognise the place value in a 2-digit number**

Forty-five is 4 tens and 5 ones  
 Forty-five is also 45 ones  
 forty-five is also 3 tens and 15 ones

All the images below represent 45

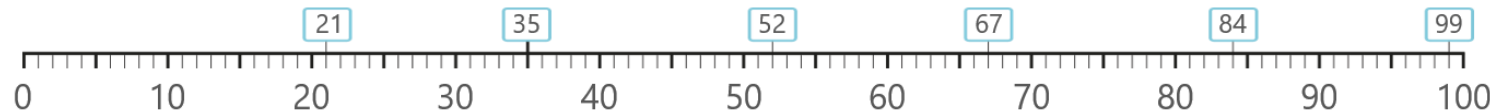


**Arrays**



$3 \times 5 = 15$      $5 \times 3 = 15$   
 $15 \div 3 = 5$      $15 \div 5 = 3$   
 $3 + 3 + 3 + 3 + 3 = 15$   
 $5 + 5 + 5 = 15$

**Identifying 2-digit numbers on a number line**



**Fractions**

$\frac{1}{2}$		$\frac{1}{2}$	
$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$
$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$



A half is 1 part out of 2 equal pieces



A quarter is 1 out of 4 equal pieces

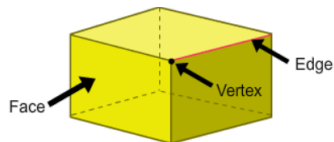


Three quarters is 3 out of 4 equal pieces



A third is 1 out of 3 equal pieces

**Shape**

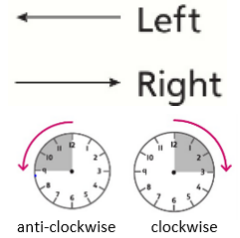


A pentagon has:  
5 straight sides  
5 vertices

Line of symmetry

**Position and direction**

Quarter turn	Half turn	Three-quarter turn	Whole turn



**Measure**

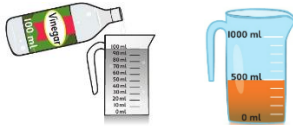
Length and height can be measured in centimetres or metres. **100cm = 1m**



Mass can be measured in grams (g) and kilograms (kg)



Volume can be measured in millilitres (ml) and litres (l)



A thermometer is used to measure temperature



**Time**

O'clock	Three o'clock	The minute hand points to the 12 and the hour hand point to the hour.
Quarter past	Quarter past three	The minute hand points to the 3 (15 minutes past) and the hour hand points past the hour.
Half past	Half past three	The minute hand points to the 6 (30 minutes past) and the hour hand points past the hour.
Quarter to	Quarter to four	The minute hand points to the nine (45 minutes past) and the hour hand points near the next hour.

**Statistics**

**Tally charts**

Choice	Tally	Number
		13
		10
		14

**Pictograms**

Each ○ represents 1 table point.

Table 1	○○○○○
Table 2	○○○○○○○○
Table 3	○○○○○○○○○○
Table 4	○○○○○
Table 5	○○○○

**Block diagrams**

