

Counting Patterns

Warm up.

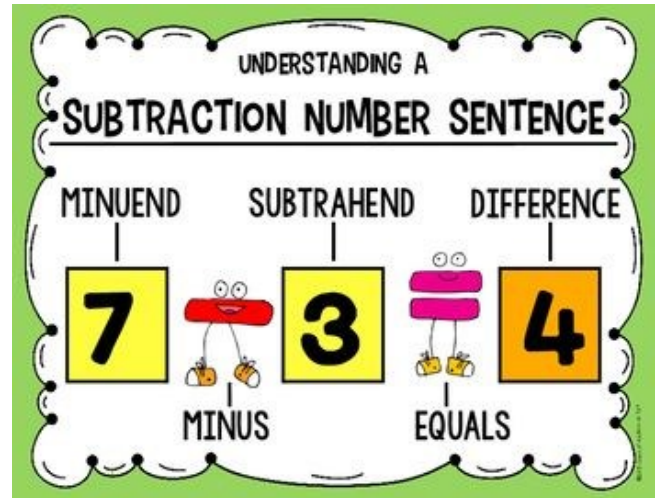
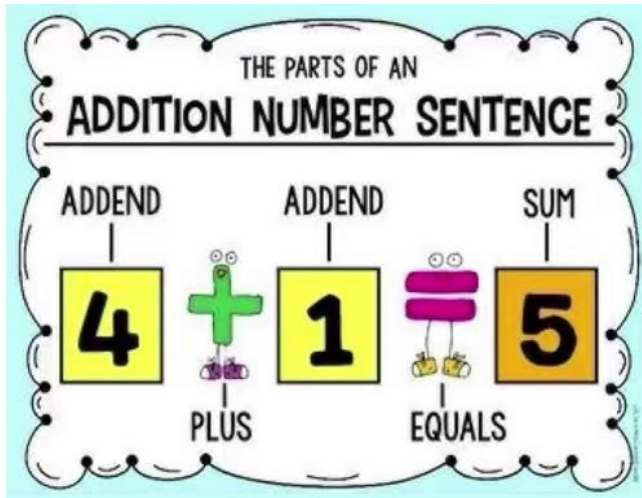
Practise counting in 2s, 5s and 10s. Use the 100 square to help you.

Challenge; Can you count in 3s?

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

Fact Families

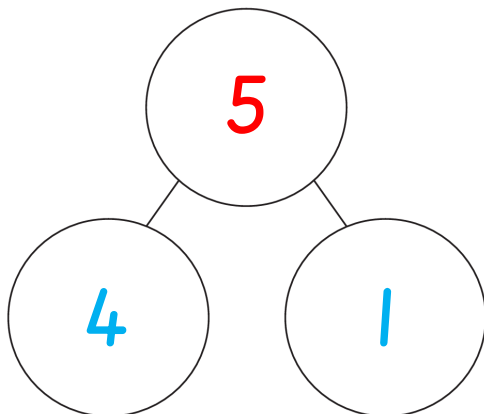
The pictures show below the different parts of addition and subtraction number sentences.



We can also show this in a part-part-whole model.

Addition

Whole (sum)

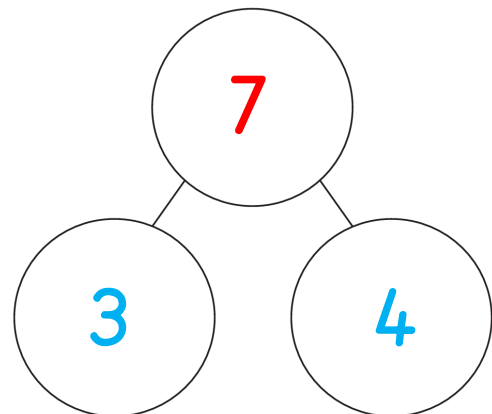


Part (addend)

Part (addend)

Subtraction

Whole (minuend)



Part (subtrahend
or difference)

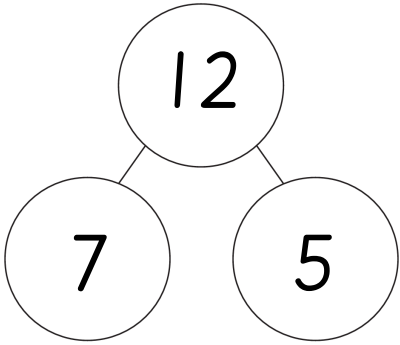
Part (subtrahend
or difference)

For each fact family we can make 8 number sentences,
4 additions and 4 subtractions.

$4 + 1 = 5$	$5 - 4 = 1$
$1 + 4 = 5$	$5 - 1 = 4$
$5 = 4 + 1$	$1 = 5 - 4$
$5 = 1 + 4$	$4 = 5 - 1$

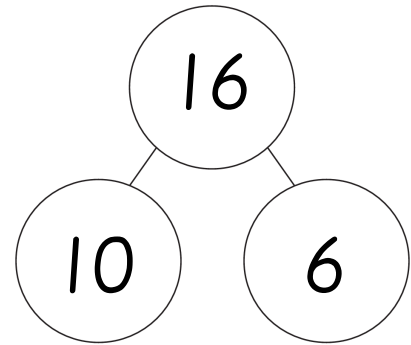
$3 + 4 = 7$	$7 - 3 = 4$
$4 + 3 = 7$	$7 - 4 = 3$
$7 = 3 + 4$	$4 = 7 - 3$
$7 = 4 + 3$	$3 = 7 - 4$

Complete all the number sentences you can for each part-part-whole model.



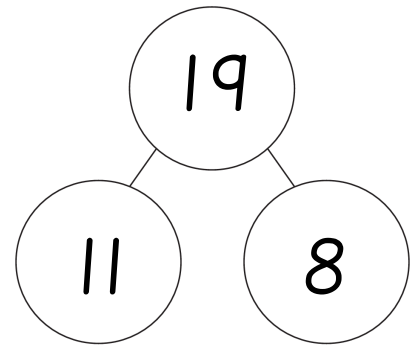
$$\begin{array}{l} __ + __ = __ \\ __ + __ = __ \\ __ = __ + __ \\ __ = __ + __ \end{array}$$

$$\begin{array}{l} __ - __ = __ \\ __ - __ = __ \\ __ = __ - __ \\ __ = __ - __ \end{array}$$



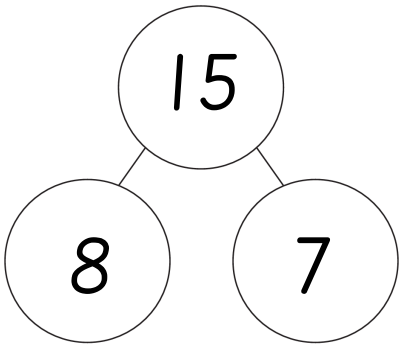
$$\begin{array}{l} __ + __ = __ \\ __ + __ = __ \\ __ = __ + __ \\ __ = __ + __ \end{array}$$

$$\begin{array}{l} __ - __ = __ \\ __ - __ = __ \\ __ = __ - __ \\ __ = __ - __ \end{array}$$



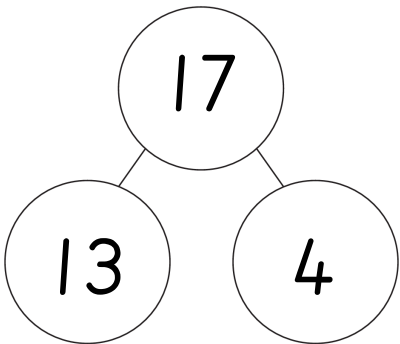
$$\begin{array}{l} __ + __ = __ \\ __ + __ = __ \\ __ = __ + __ \\ __ = __ + __ \end{array}$$

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