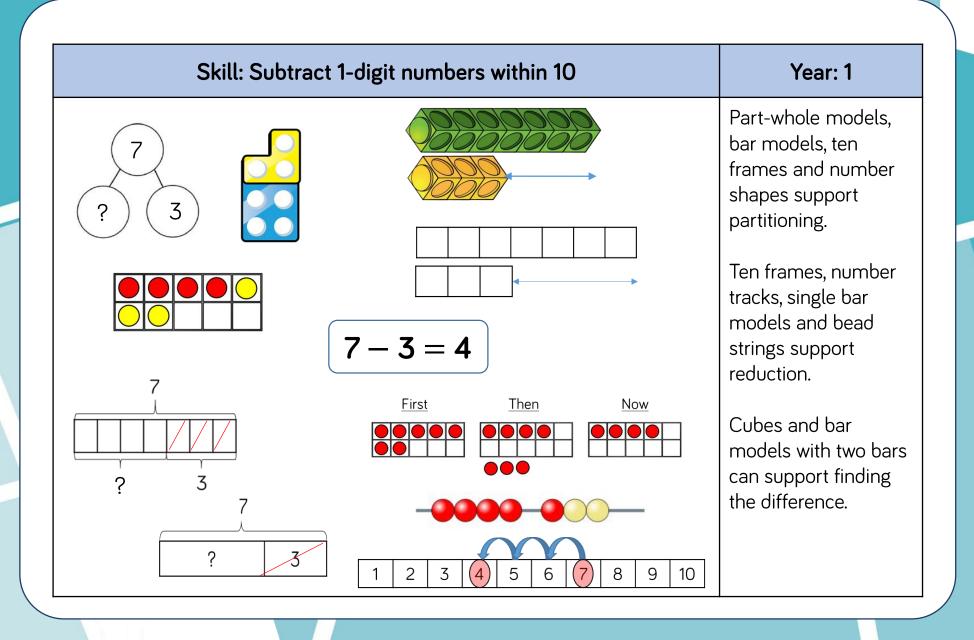
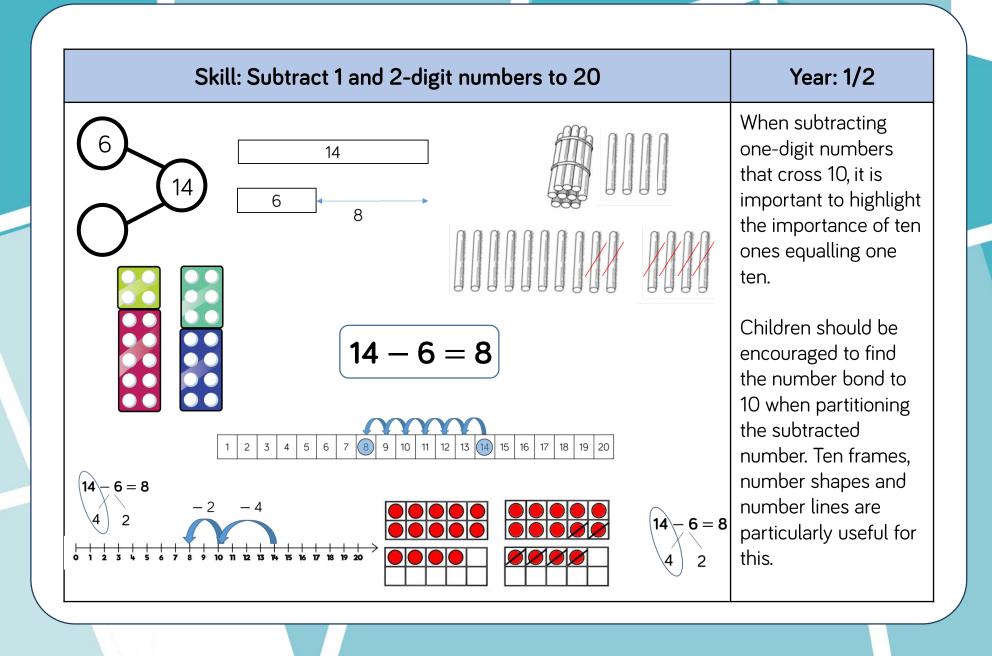
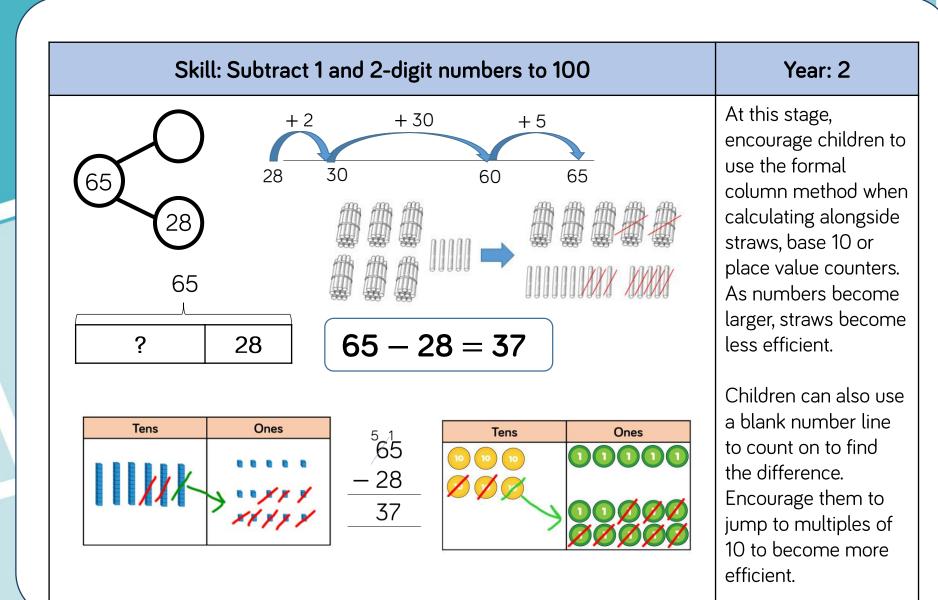
## Subtraction

Skill	Year	Representations and models	
Subtract two 1-digit numbers to 10	1	Part-whole model Bar model Number shapes	Ten frames (within 10) Bead strings (10) Number tracks
Subtract 1 and 2-digit numbers to 20	1	Part-whole model Bar model Number shapes Ten frames (within 20)	Bead string (20) Number tracks Number lines (labelled) Straws
Subtract 1 and 2-digit numbers to 100	2	Part-whole model Bar model Number lines (labelled)	Number lines (blank) Straws Hundred square
Subtract two 2-digit numbers	2	Part-whole model Bar model Number lines (blank) Straws	Base 10 Place value counters Column addition

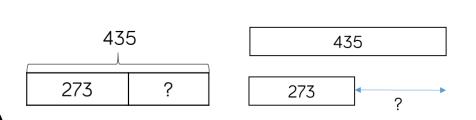
Skill	Year	Representations and models	
Subtract with up to 3- digits	3	Part-whole model Bar model	Base 10 Place value counters Column addition
Subtract with up to 4- digits	4	Part-whole model Bar model	Base 10 Place value counters Column addition
Subtract with more than 4 digits	5	Part-whole model Bar model	Place value counters Column addition
Subtract with up to 3 decimal places	5	Part-whole model Bar model	Place value counters Column addition











$$435 - 273 = 262$$

Hundreds	Tens	Ones	3/135
		111	777
			<b>–</b> 273
///-	> 11/1		262
101	MMX		

435

<sup>3</sup> 435
<b>–</b> 273
262

Hundreds	Tens	Ones
9999	000 000 000 000 000	00ØØ Ø

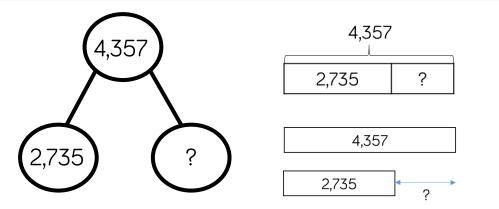
## Year: 3

Base 10 and place value counters are the most effective manipulative when subtracting numbers with up to 3 digits.

Ensure children write out their calculation alongside any concrete resources so they can see the links to the written column method.

Plain counters on a place value grid can also be used to support learning.





## Year: 4

Base 10 and place value counters are the most effective manipulatives when subtracting numbers with up to 4 digits.

Ensure children write out their calculation alongside any concrete resources so they can see the links to the written column method.

Plain counters on a place value grid can also be used to support learning.

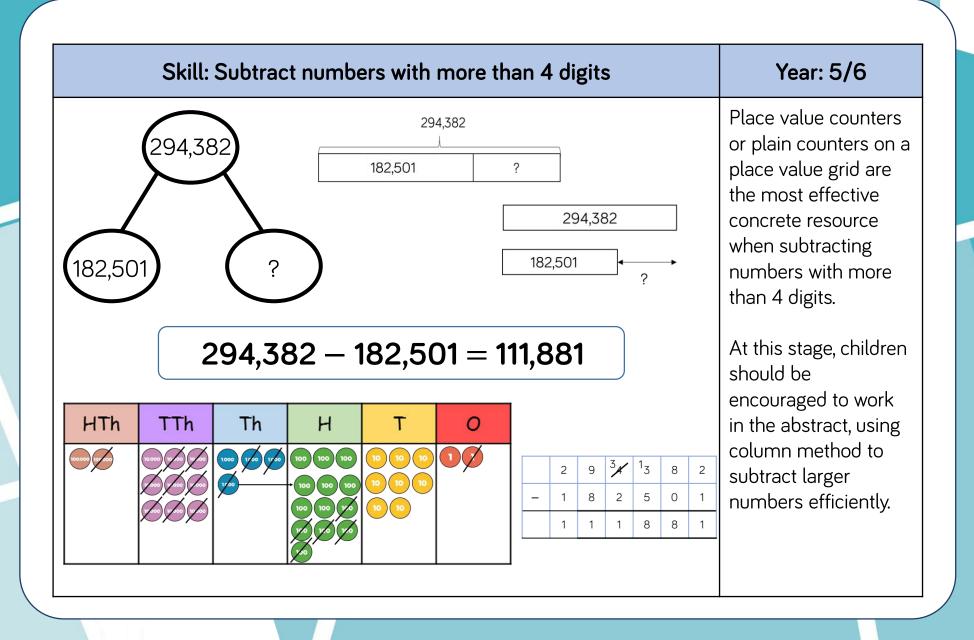
4,357 - 2,735 = 1,622
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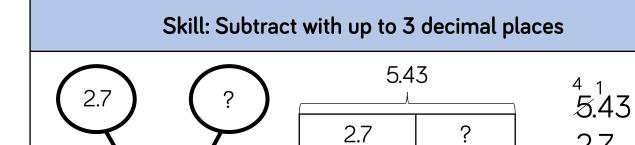
Thousands	Hundreds	Tens	Ones
		11/1/	
		65000	* * *
	///		
$\rightarrow$			

Hundreds	Tens	Ones
100 100 100	0000	0000
0000		
ØØ		
	Hundreds  DDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD	

**- 2735** 

1622

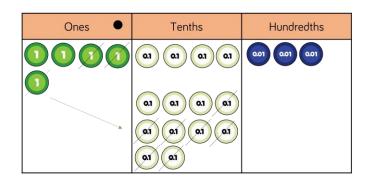




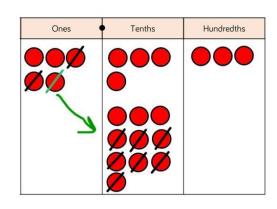
5.43

2.7

$$5.43 - 2.7 = 2.73$$



5.43



2.73

Year: 5

Place value counters and plain counters on a place value grid are the most effective manipulative when subtracting decimals with 1, 2 and then 3 decimal places.

Ensure children have experience of subtracting decimals with a variety of decimal places. This includes putting this into context when subtracting money and other measures.