

You CanDo all the multiplication facts of 6.

0	x	6	=	0	=	6	x	0
1	x	6	=	6	=	6	x	1
2	x	6	=	12	=	6	x	2
3	x	6	=	18	=	6	x	3
4	x	6	=	24	=	6	x	4
5	x	6	=	30	=	6	x	5
6	x	6	=	36	=	6	x	6
7	x	6	=	42	=	6	x	7
8	x	6	=	48	=	6	x	8
9	x	6	=	54	=	6	x	9
10	x	6	=	60	=	6	x	10
11	x	6	=	66	=	6	x	11
12	x	6	=	72	=	6	x	12

Can Do Tables

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If I know... then I also know...

The digit sum of multiples of 6 is 3, 6 or 9

All multiples of 6 are even numbers.

You CanDo all the multiplication facts of 9.

0	x	9	=	0	=	9	x	0
1	x	9	=	9	=	9	x	1
2	x	9	=	18	=	9	x	2
3	x	9	=	27	=	9	x	3
4	x	9	=	36	=	9	x	4
5	x	9	=	45	=	9	x	5
6	x	9	=	54	=	9	x	6
7	x	9	=	63	=	9	x	7
8	x	9	=	72	=	9	x	8
9	x	9	=	81	=	9	x	9
10	x	9	=	90	=	9	x	10
11	x	9	=	99	=	9	x	11
12	x	9	=	108	=	9	x	12

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multiple factor product

The digit sum of multiples of 9 is 9

An odd number multiplied by 9 gives an odd product.

You CanDo all the multiplication facts of 7.

0	x	7	=	0	=	7	x	0
1	x	7	=	7	=	7	x	1
2	x	7	=	14	=	7	x	2
3	x	7	=	21	=	7	x	3
4	x	7	=	28	=	7	x	4
5	x	7	=	35	=	7	x	5
6	x	7	=	42	=	7	x	6
7	x	7	=	49	=	7	x	7
8	x	7	=	56	=	7	x	8
9	x	7	=	63	=	7	x	9
10	x	7	=	70	=	7	x	10
11	x	7	=	77	=	7	x	11
12	x	7	=	84	=	7	x	12

Can Do Tables

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An odd number multiplied by 7 gives an odd product.

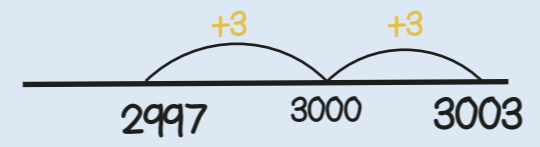
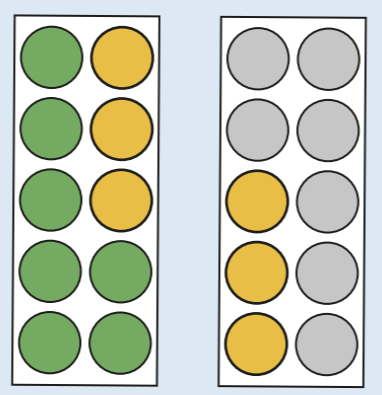
An even number multiplied by 7 gives an even product.

$64 \times 0 = 0$
The product of a number and zero is zero.

$64 \times 1 = 64$
The product of a number and 1 is the number itself.

$64 \div 1 = 64$
The quotient when dividing a number by 1 is the number itself.

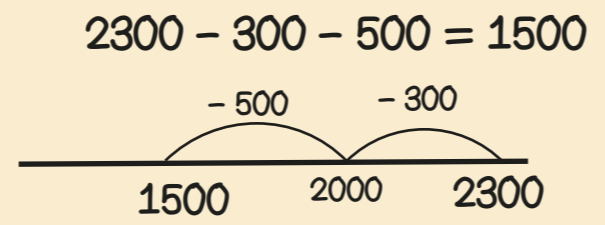
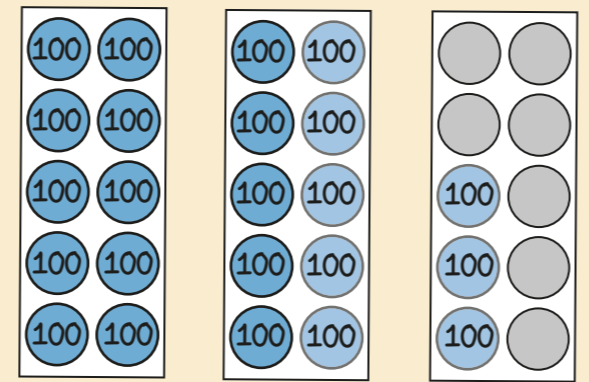
$2997 + 6$
Bridging boundaries



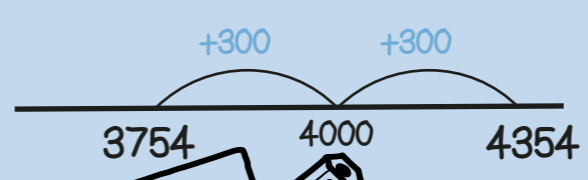
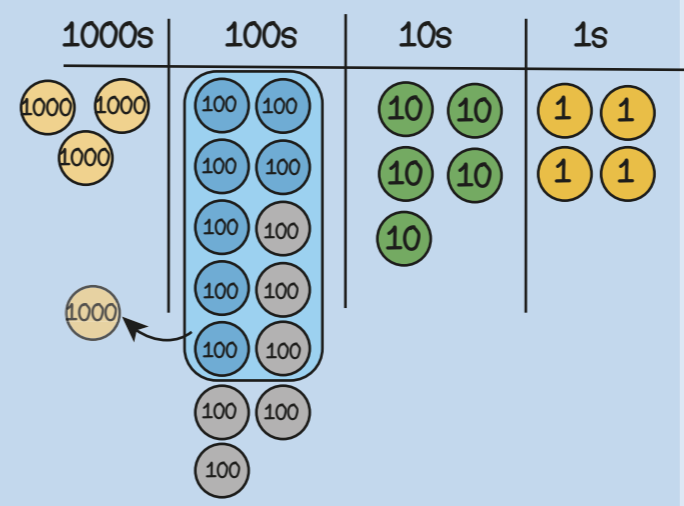
If I know $7 + 6 = 13$ then...

Year 4 Term 2

$2300 - 800$
Bridging boundaries by counting back in efficient steps



$3754 + 600$
Add multiples of ten and a hundred

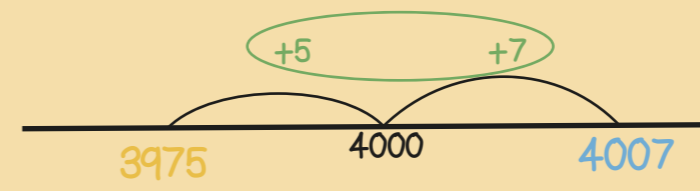


total difference
ones
tens
hundreds
thousands

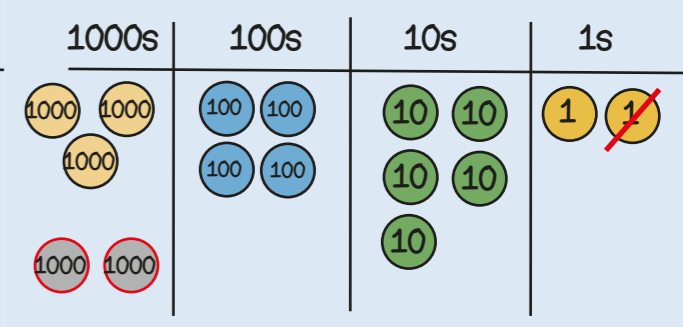
$3995 - 4007$
Find the difference between two numbers



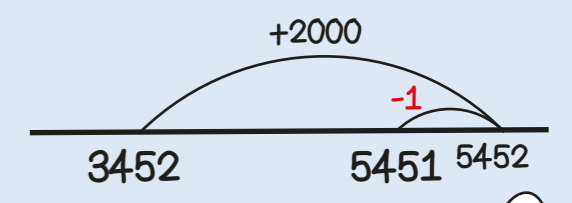
Count on 5 from 3995 to 4000, then 7 more so the difference between them is $5 + 7 = 12$



$3452 + 1999$
Round then adjust

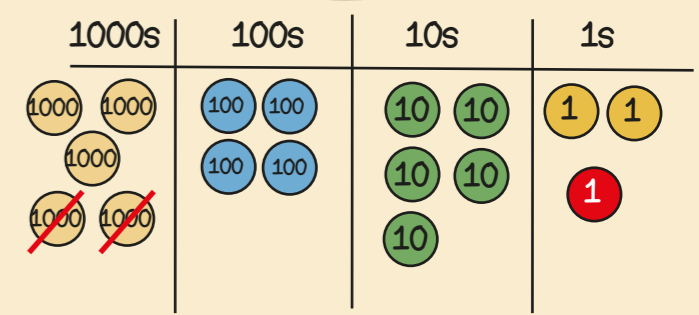


Add 2000 then subtract 1



Stop and Look!
What do you notice?
What's the most efficient way?

$5451 - 1999$
Round then adjust



Take away 2000 then add 1

