

In this unit, I will:

- Use related number facts
- Compare number sentences
- Make number bonds to 100
- Add and subtract ones and tens
- Add a 2-digit and a 1-digit number
- Subtract a 1-digit number from a 2-digit number

Year 2 – Addition and Subtraction

Addition and Subtraction Bonds to 100

$2 + 8 = 10$
 so $20 + 80 = 100$

$32 + 68 = 100$
 3 tens and 2 ones + 6 tens and 8 ones
 = 9 tens and 10 ones = 10 tens = one hundred

Key Vocabulary

Add
Total
Make
Plus
Sum
More
Altogether
Difference
Leave
Subtract
Difference between
Less
Minus
Take away
Mentally, Orally
Column Addition
Column Subtraction
Estimate
Inverse operation
Solve problems
Number facts
Place Value

More or Less/ Add and Subtract 1s and 10s

Add and subtract 1s

$24 + 1 = 25$
 $24 + 2 = 26$
 $24 + 3 = 27$



$37 - 1 = 36$
 $37 - 2 = 35$
 $37 - 3 = 34$



There are 7 flowers in a vase. One more is added. Now there are 8 flowers.



10 More or Less

30	40	50	60	70	80
47	57	67	77	87	97

The ones digit stays the same.

10 less	Number	10 more
1	11	21
34	44	54

Take care when crossing hundreds:

86	96	106	116
----	----	-----	-----

Add and Subtract 10s

10	30	50	70	90
3	33	63	93	



$27 + 40 = 67$



$72 - 30 = 42$

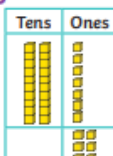
Crossing hundreds:

74	94	114	134
----	----	-----	-----

Add 2-digit and 1-digit



$27 + 6 = 33$



Subtract 1-digit from 2-digit



$33 - 6 = 27$



Add 2-digit numbers

$34 + 28 = 62$

3 tens and 4 ones

add

2 tens and 8 ones

equals

5 tens and 12 ones

becomes

6 tens and 2 ones



Subtract 2-digit numbers

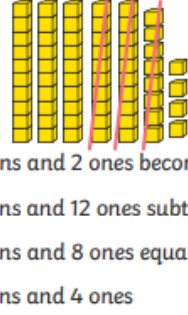
$62 - 28 = 34$

6 tens and 2 ones becomes

5 tens and 12 ones subtract

2 tens and 8 ones equals

3 tens and 4 ones



National Curriculum Link- Year 2

Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs.

Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.

Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot.

Estimate the answer to a calculation and use inverse operations to check answers.

Solve problems with addition and subtraction: - using concrete objects and pictorial representations, including those involving numbers, quantities and measures - applying their increasing knowledge of mental and written methods.

Recognise the place value of each digit in a three-digit number (hundreds, tens, ones) (two-digit number).

Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number (10 more or less).

Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: - a two-digit number and ones - a two-digit number and tens - two two-digit numbers - adding three one-digit numbers

Add and subtract one-digit and two-digit numbers to 20, including zero

How does this unit build on prior learning?

Before you start this unit, do you know how to: know how to partition 2-digit numbers into tens and ones

- understand the value of each digit in a 2-digit number
- know number bonds within 10 and can relate these to bonds within 20.

Maths at Alice Ingham

