

'I WILL SHINE'

Addition and subtraction 1

Prior learning

Let's activate my long-term memory!
In Y1, I learnt to...

- count up to and across 100, forwards and backwards
- count, read and write numbers to 100 in numerals
- count in multiples, twos, fives and tens
- identify one more and one less
- show numbers using objects and pictures including on a number line
- use words such as equal to, more than, less than (fewer), most, least
- read and write numbers from 1 to 20 in numerals and words.

Key vocabulary

What words will I use in this unit?

Have I heard any before?

add total more sum
subtract take away less fewer
find the difference inverse
tens ones

Current learning

In this unit, I will learn how to...

- solve addition and subtraction problems using tools and pictures to help me as well as working out in my head and using a written method
- remember my number bonds to 20 and learn my number bonds to 100
- show I can add numbers in any order but I can't subtract in any order
- understand adding and subtracting are opposites (the inverse) and use this to check my answers

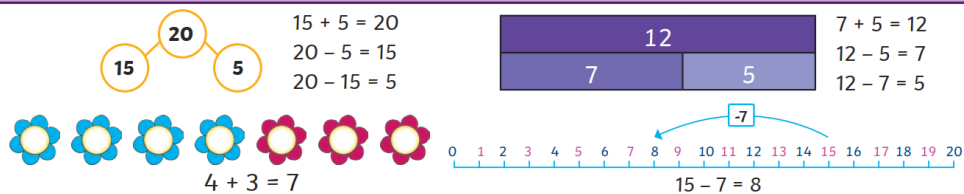
Tools and drawings

Which tools and drawing might I use to support my learning?



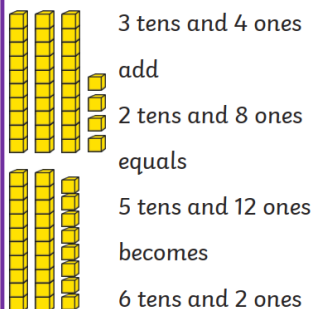
Knowledge Organiser

Addition and Subtraction Bonds to 20



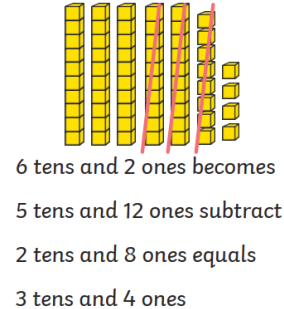
Add 2-digit numbers

$$34 + 28 = 62$$

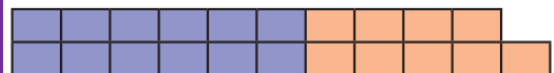


Subtract 2-digit numbers

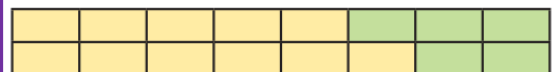
$$62 - 28 = 34$$



Compare Number Sentences



$$6 + 4 < 6 + 5$$



$$5 + 3 = 6 + 2$$

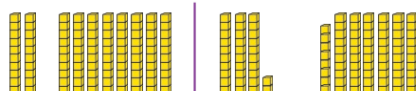
Related facts

$$5 + 4 = 9 \text{ so } 50 + 40 = 90$$

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