Curricular Targets Maths - Calculations

YR - Y6

Based on the lancsngfl targets.

Addition

I can put two groups of objects together and count them.

I know that addition is counting on.

I know addition can be done in any order.

I can add a one digit number to a two digit number in my head.

I can add one digit numbers and two digit numbers in my head.

I can add pairs of two digit numbers in my head.

I know how to round numbers before adding mentally and then adjust the answer.

I can mentally add numbers including integers and decimals.

I can mentally add numbers including fractions, decimals and percentages.

I can use written methods to show how I added two numbers.

I can use written methods to add two and three digit numbers including money.

I can use written methods to add whole numbers and decimals up to two decimal places.

I can use written methods to add integers and decimals.

I can use written methods to add whole numbers, numbers with different numbers of digits, adding more than two numbers and decimals with up to three decimal places.

Subtraction

I can count one less to find the difference between two numbers.

I know that take away means the same as subtract.

I can find the difference by counting up.

I can subtract a single digit number or a multiple of 10 from any two digit number.

I can mentally subtract pairs of two digit numbers.

I can use rounding to help mentally subtract pairs of numbers up to 1000.

I can mentally subtract numbers including integers and decimals.

I can mentally subtract numbers including fractions, decimals and percentages.

I can take away numbers from 20 using objects and number tracks.

I can write number sentences showing subtraction.

I can write down ways to subtract two digit numbers.

I can use written methods to subtract two and three digit numbers including money.

I can use written methods to subtract numbers with decimals up to two decimal places.

I can use written methods to subtract integers and decimals.

I can use written methods to subtract whole numbers, numbers with different numbers of digits and decimals with up to three decimal places.

I can work out if fractions are bigger or smaller than one half.

Multiplication

I can recognise groups with one, two or three objects.

I can count aloud in ones, twos, fives and tens.

I can solve problems that include groups of 2, 5 or 10.

I can show that repeated addition is the same as multiplication.

I can multiply one and two digit numbers by 10 and 100.

I can mentally multiply fractions, decimals and percentages.

I can multiply numbers to 1000 by 10 and 100.

I can mentally multiply integers and decimals.

I can solve simple number problems involving equal groups.

I can solve number problems involving doubling.

I can show multiplication as a number sentence.

I know that multiplication is the opposite (inverse) of division.

I can check my results using repeated addition.

I can use the grid method to multiply two digit numbers by one digit numbers.

I can split a number into tens and units to make multiplication easier.

I know that I can change the order of a multiplication sum to make it easier to work out.

I can use the grid method to multiply pairs of two digit numbers.

I can use the grid method to multiply numbers to 1 decimal place.

I can use the grid method to multiply decimals with up to 2 decimal places by a single digit.

Division

I can separate small groups of objects in different ways.

I can share objects into equal groups and count how many are in each group.

I can solve problems by sharing objects into equal groups.

I know that division is repeated subtraction or sharing.

I can work out the missing number in a number sentence.

$\square \div 2 = 4$

I can divide numbers by 10 and 100.

I know that division is the inverse of multiplication.

I can divide whole numbers up to 1000 by 10 and 100.

I can solve practical problems involving sharing into groups of 2, 5 or 10.

I can show written methods for dividing tens and units by units.

I know how to round remainders up or down.

I can work out written sums involving remainders.

I can use written methods to divide numbers including decimals.