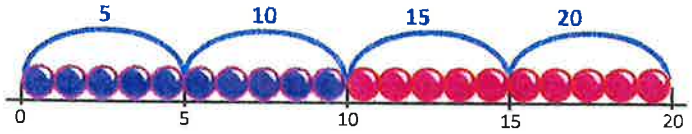
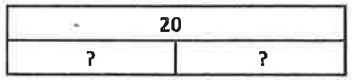
Y2	National Curriculum	Addition	Subtraction	Models and images	Maths Talk
	Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd & even numbers. Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs. Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot. Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts. Recognise, find, name and write fractions 3 1, 4 1, 4 2 and 4 3 of a length, shape, set of objects or quantity.	Count in 2s, 5s and 10s Begin to count in 3s. Using fingers, say where a given number is in the 2s, 5s or 10s count. E.g. *'8 is the fourth number when I count in twos'*.  Begin to understand that multiplication is repeated addition and to use arrays (E.g. 3 x 4 is three rows of 4 dots) Relate division to multiplication through **grouping**. (E.g. how many groups of five in fifteen? How many towers of 5 cubes can I make with 20 cubes? ☐ x 5 = 20 and 20 ÷ 5 = ☐)  Begin to learn the 2x, 3x, 5x and 10x tables, seeing these as 'lots of', e.g. 5 lots of 2, 6 lots of 2, 7 lots of 2, etc. Double numbers up to 20 Begin to double multiples of 5 to 100 Begin to double two-digit numbers less than 50 with 1s digits of 1, 2, 3 4 or 5 Halve numbers to 20 Begin to halve numbers to 40 and multiples of 10 to 100 half of 20 is...  Double 7 = 14  Find ½, 1/3, ¼ and ¾ of a quantity of objects and of amounts (whole number answers) Begin to find half or a quarter of a quantity by sharing. (E.g. ¼ of 16 cubes share them out into 4 piles)	Concrete apparatus: counting equipment, numicon, multilink, etc. Fingers Bead string/bead bar/beaded line 100 grid Bar model Arrays	Clever counting (2s, 5s 10s, 3s) Doubling Halving Set/lots of/array Division 'undoes' multiplication 'Inverse operations'