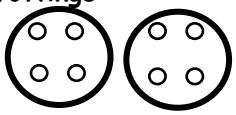
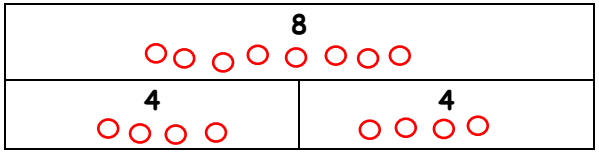
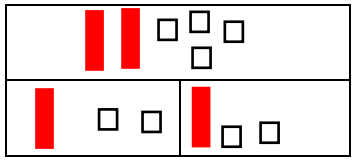
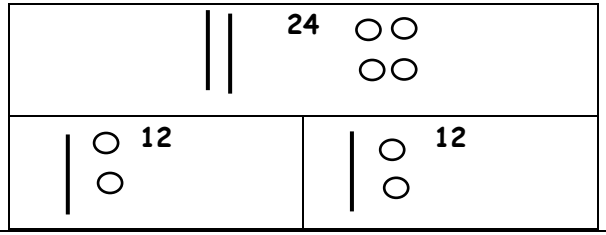
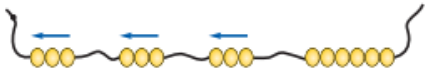
YEAR 2	Division (2, 5 and 10)	
Vocabulary: Division, divided by, share, shared between, equal, groups, same, number sentence, calculation, number, numeral, digit, pattern, inverse, jottings.		
Concrete	Pictorial/jottings	Abstract
Equal groups – sharing (÷2, 5 and 10) **Concrete objects:**  **8 muffins shared equally between 2 is 4**  **12 cubes** shared equally between **2** is **6**  25 divided by 5 equals 5 in each group.	**Equal groups – sharing** **Jottings:**  **8** shared between **2** is **4** **8 ÷ 2 = 4** **Bar model:**  	No formal written method
Halving: 24 ÷ 2 = 12 (link to fractions) **Diennes** 	**Halving:** 24 ÷ 2 = 12 **Bar model:**  	No formal written method

Equal groups – grouping
10 ÷ 2= 5
Cubes

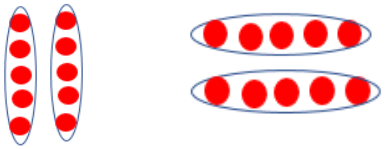
There are 2 groups of 5 sweets.
Bead string
15 ÷ 3 = 5



Concrete

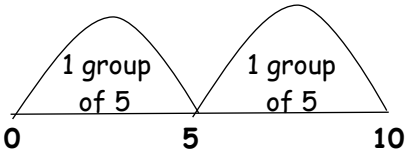
There are 3 groups of 5 sweets.

Equal groups – grouping
10 ÷ 2 = 5
Arrays:



As **columns** OR as **rows**

Equal groups – grouping
10 ÷ 2 = 5
Number line:



Mental

Number facts
Count regularly, on and back, in steps of 2, 3, 5 and 10 from 0.

Instantly recall the **2**, **5** and **10** times tables.
Understand, **show** and **use** the **inverse** relationship between **multiplication** and **division** e.g.

4 x 10 = 40	**4 x □ = 40**
10 x 4 = 40	**□ x 10 = 40**
40 ÷ 10 = 4	**40 ÷ □ = 40**
40 ÷ 4 = 10	**□ ÷ 4 = 40**

Using doubling and halving:
Know corresponding halves of doubles of all numbers to 15 and doubles of all numbers of multiples of 5 to 50.

14 ÷ 2 = 7 (by recalling the doubles first)

Using known facts and place value:
If 4 ÷ 2 = **2**
Then 40 ÷ 2 = **20**

Recognize odd and even numbers:
Explain why 15 is an odd number