
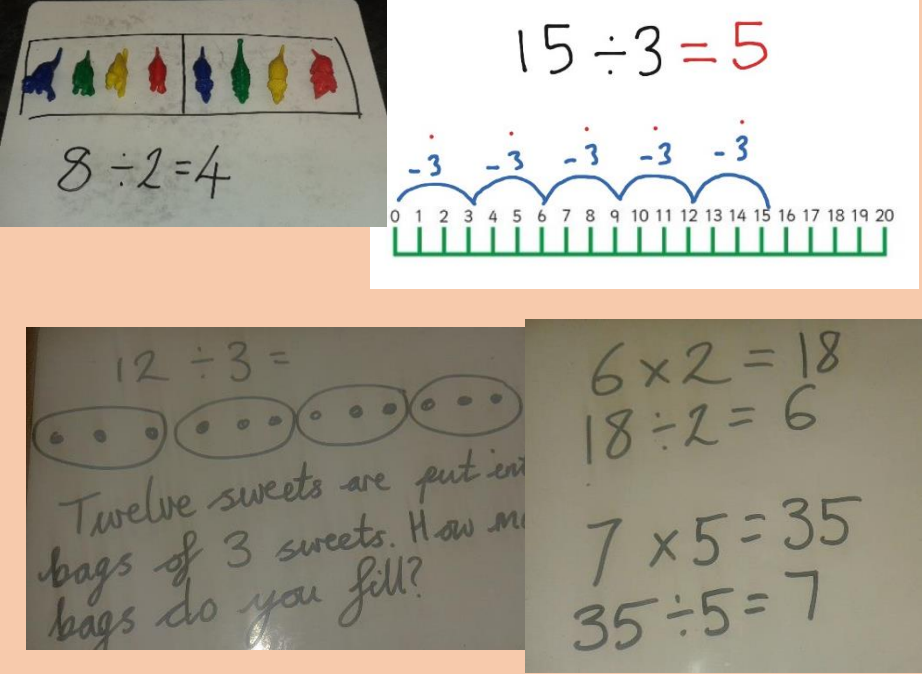
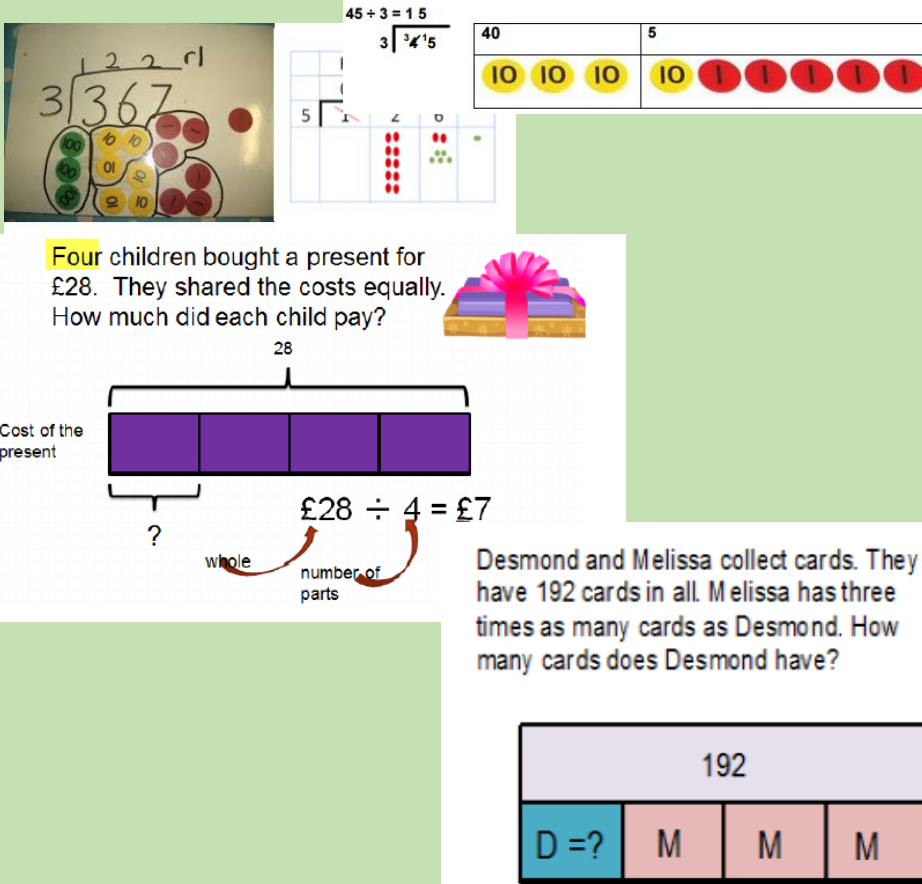


Division

<p>Ruby Class</p> <ul style="list-style-type: none"> Solve problems involving sharing 	
<p>Amber Class</p> <ul style="list-style-type: none"> Understand the multiplication is repeated subtraction solve one-step problems involving division by calculating the answer using concrete objects, diagrams and arrays Recall and use division facts for the 2, 5 and 10 timestables. Solve problems using objects, diagrams and multiplication facts 	
<p>Emerald Class</p> <ul style="list-style-type: none"> Recall and use division facts for the 3, 4 and 8 timestables Use division facts and place-value to solve questions with larger numbers Recall and use division facts for all timestables up to 12 x 12 Pupils practise to become fluent in the formal written method of short division with exact answers Pupils to solve division problems involving missing numbers Pupils solve two-step problems in contexts, choosing the appropriate operation, working with increasingly harder numbers. 	 <p> $45 \div 3 = 15$ $3 \overline{) 45}$ </p> <p> $40 \div 5 = 8$ </p> <p> Four children bought a present for £28. They shared the costs equally. How much did each child pay? </p> <p> $28 \div 4 = 7$ </p> <p> Desmond and Melissa collect cards. They have 192 cards in all. Melissa has three times as many cards as Desmond. How many cards does Desmond have? </p> <p> 192 </p> <p> D = ? M M M </p>

Division

- divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context
- divide numbers mentally drawing upon known facts
- divide whole numbers and those involving decimals by 10, 100 and 1000
- solve problems involving division, including scaling by simple fractions and problems involving simple rates.
- divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context

To Divide we:

Multiply

Subtract

Bring down

$$\begin{array}{r}
 116 \\
 8 \overline{) 928} \\
 \underline{- 8} \\
 12 \\
 \underline{- 8} \\
 48 \\
 \underline{- 48} \\
 0
 \end{array}$$

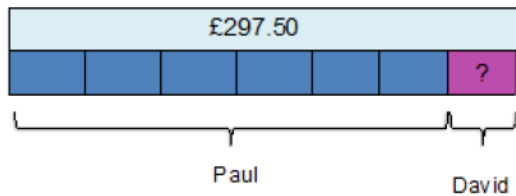
$(8 \times 1 = 8)$
 $(8 \times 1 = 8)$
 $(8 \times 6 = 48)$

T	U	1/10	1/100
2	9	9	9
	2	2	2
	0		

$29 \div 100 = 0.29$

$\div 10$
 $\div 100$

Paul and David hire a car together at a cost of £297.50. Paul pays 6 times more than David. How much does David pay?



I have £387. How many bunches of flowers can I buy if they cost £27 each?

Estimate: $27 \times 10 = 270$
less than (15) $27 \times 5 = 135$
 405

$$\begin{array}{r}
 14r9 \\
 27 \overline{) 387} \\
 \underline{27} \\
 117 \\
 \underline{108} \\
 9
 \end{array}$$

27	1 x 27
54	2 x 27
81	3 x 27
108	4 x 27

Answer: 14 bunches of flowers.

Sapphire Class