Maths Methods used in Year 5

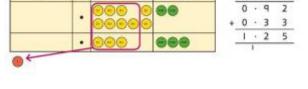


We want to share with you the ways we teach the four operations in Year 5.

Addition

I. Use a place value equipment on a place value grid to represent additions and model exchanging.

2. Including where the numbers of decimal places are different.



0	٠	Tth	Hth	١.,	0		Tth	Hth
00000	•				5	٠	0	0
•		00	00000	+	1		2	5
	•				6		2	5

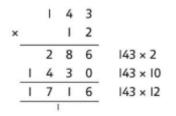
<u>Subtraction</u> 5.74 - 2.25 = ?

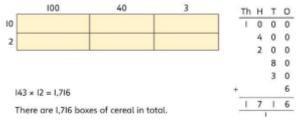
I. Use a place value grid to represent the stages of column subtraction, including exchanging where required.

0		Tth	Hth		0		Tth	Hth
00000		00000	0000		5	+	7	4
		00		-	2	+	2	5
xchange I ten	th f	or I0 hundredti	hs.					_
0		Tth	Hth		0		Tth	Hth
99999		00000	88888		5	90	67	14
		00	88888	Ξ	2	+	2	5
			0000					
Now subtract t	he!	5 hundredths.						
0		Tth	Hth		0		Tth	Hth
00000		00000	00000	ľ	5		67	14
		9 Ø	00000	-	2		2	5
		10 May 2011	8888			+		q
Now subtract t	he :	2 tenths, then t	he 2 ones.					
0		Tth	Hth		0		Tth	Hth
					-		-	

Multiplication

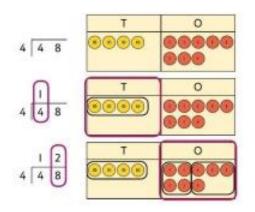
- 1. Use the area model then add the parts
- 2. Then use column multiplication to complete the calculation.





Division

1. Use the sharing model and place value grid.



2. Use short division for up to 4 digit divided by a single digit.

556 × 7 = ? 3.892 ÷ 7 = 556

6 × 7 = 42 50 × 7 = 350 500 × 7 = 3500

3,500 + 350 + 42 = 3,892

Use multiplication to check.