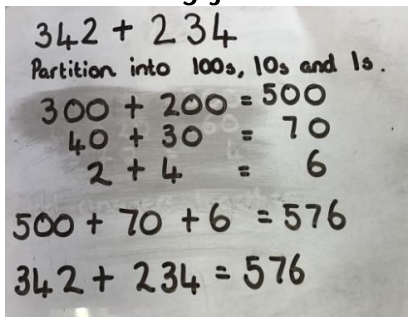
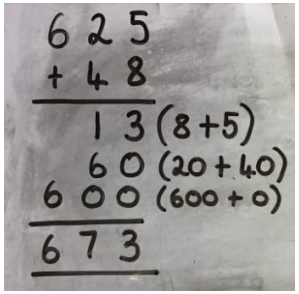
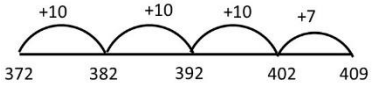
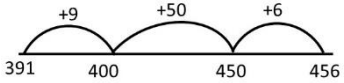
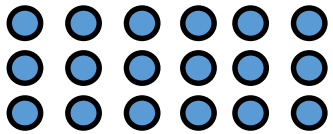
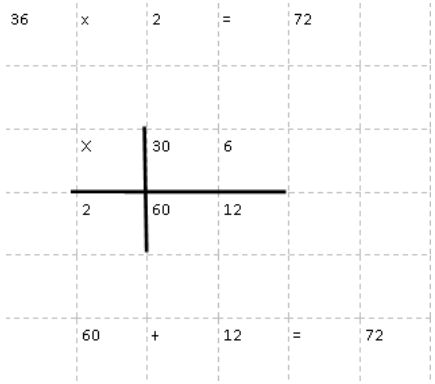
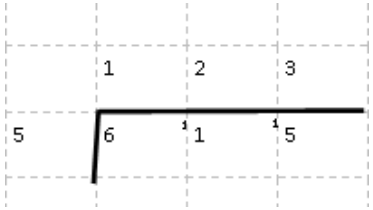
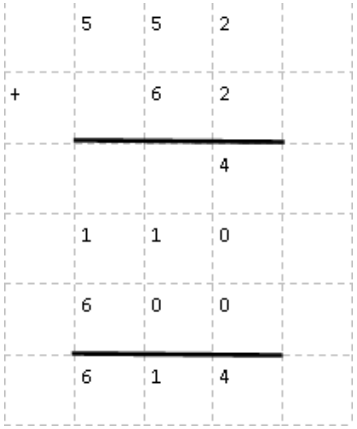
St. Peter's C E Primary Academy

Lower key stage 2 Calculation policy.

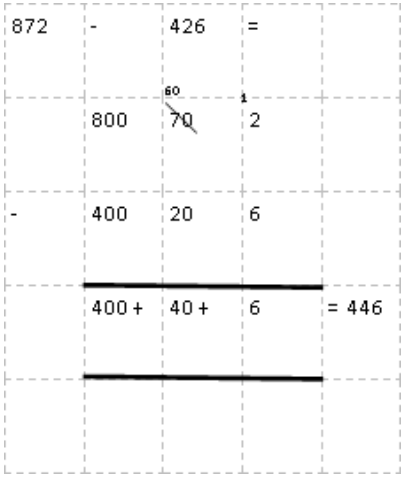
Year 3 and 4 Calculation Policy

Addition	Subtraction	Multiplication	Division
Partitioning for addition  Expanded column addition  	Counting on to find the difference in subtraction. 409—372 = (10 + 10 + 10 + 7) = 37  456—391 = (50 + 9 + 6) = 65  	Arrays  6 x 3 = 18 18 ÷ 6 = 3 3 x 6 = 18 18 ÷ 3 = 6 Grid Method  	Short division with 1 or 2 digit numbers  Key Division Vocabulary: share, group, divide, divided by, half

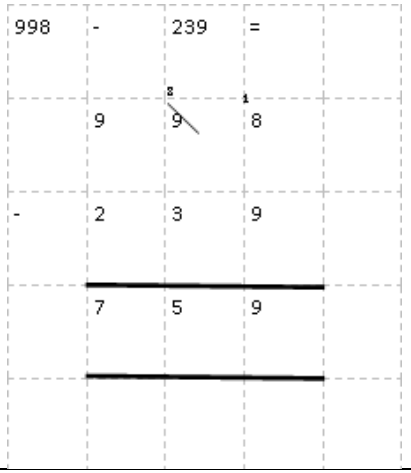
Ladder addition



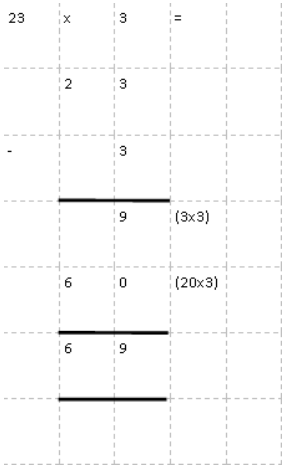
Expanded column subtraction



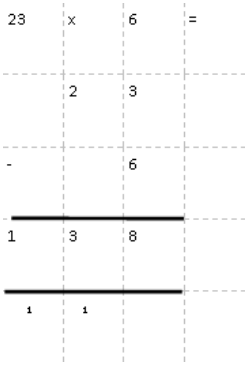
Compact column subtraction

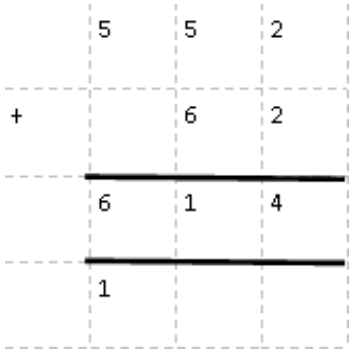
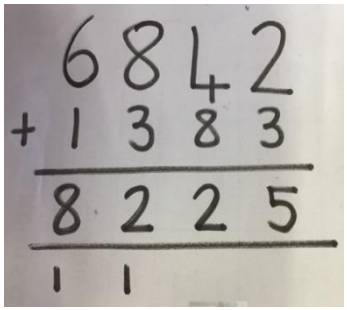
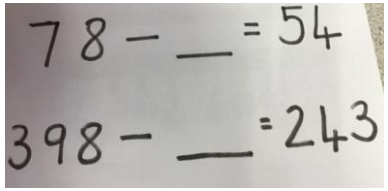
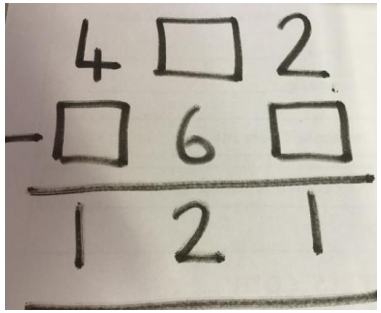
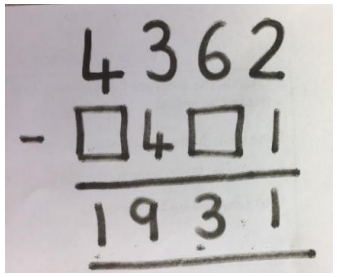


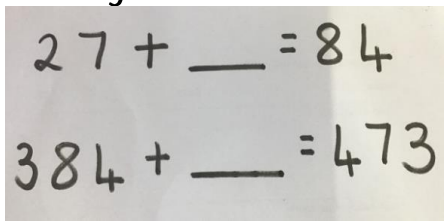
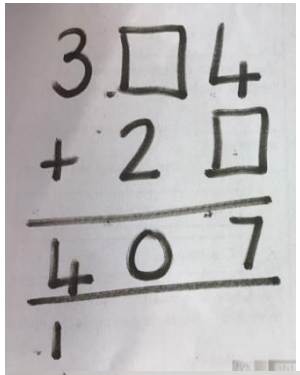
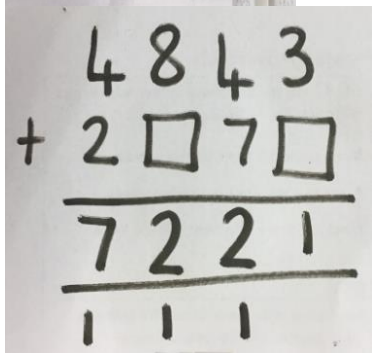
Ladder method for multiplication



Short multiplication



Compact column addition	**Missing Number problems:**	Key Multiplication **Vocabulary**: times, double, multiplied by, product, groups of, lots of, equal groups.	
 	   **Key Subtraction Vocabulary:** subtract, minus, less than, the difference between		

Missing Number Problems    **Key Addition Vocabulary:** sum, total, plus, add, altogether.			