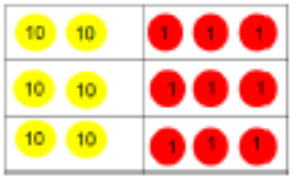
	National Curriculum Statement	All students		
		Fluency	Reasoning	Problem Solving
Four Operations	Multiply multi-digit number up to 4 digits by a 2 digit number using the formal written method of long multiplication.	• Which calculation gives the smallest answer? 3,678 × 23 2,678 × 230 1,598 × 46 • Abby planted 573 bulbs. The packet showed each flower should have 13 petals. How many petals should there be altogether? • Work out the missing number. Explain how you know. 80 × ☐ = 560000 What other facts do you know from this?	• Miss Brown estimates the following 4,999 x 40 = 200,000 Do you think she was right to that? Explain your reasons. • Write true or false next to each statement. Explain your reasons for each answer. 572 × 6 gives the same answer as 6 × 572 3 × 172 = 172 + 172 + 172 10 × 10 × 4 = 20 × 4 • Work out the missing number. 26☐ × 8 = 2152 How did you find the answer?	• Craig says "250 ends in a zero therefore, when multiplying, I can only make 250 by multiplying by 5 or 10." Do you agree? How many ways can you find to disprove this? • A class are solving multiplication problems using counters. One child arranges their counters like the diagram below. The question is 23 x 3 =  Is this the only way to represent this calculation? How many ways can you find? • Can you complete the following calculation to create 1432? ☐☐☐ × ☐ = 1432 What is the closest answer you can make? How do you know it is the closest?