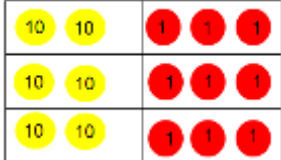


	National Curriculum Statement	All students		
		Fluency	Reasoning	Problem Solving
Four Operations	Multiply multi-digit number up to 4 digits by a 2 digit number using the formal written method of long multiplication.	<ul style="list-style-type: none"> Work out 3678×23 Abby planted 573 bulbs. The packet showed each flower should have 13 petals. How many petals should there be altogether? What is the missing number below? Explain how you know. $80 \times \underline{\quad} = 560000$ 	<ul style="list-style-type: none"> Find the mistake in the calculation below. Correct it and explain what you have done. $\begin{array}{r} 4629 \\ \times \quad 12 \\ \hline 108 \\ \quad 24 \\ \hline 72 \\ \underline{36} \\ 204 \end{array}$ Amy is given the calculation 5413×600. She says "I can do this without a written method." Write down the mental steps you think Amy could do. Miss Brown estimates the following: $4999 \times 40 = 200000$ Do you think she was right to that? Explain your reasons. 	<ul style="list-style-type: none"> 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? Countdown What is the closest you can get to any given number e.g. 256 using only multiplication and a list of numbers given e.g. 10, 7, 6, 2, 25, 4? How do you know this is the closest? What strategy did you use? A class are solving multiplication problems using counters. One child arranges their counters like the diagram below. The question is $23 \times 3 =$ <div style="text-align: center;">  </div> <p>Is this the only way to represent this calculation? How many ways can you find?</p>