Division

up to 3-digit numbers by a single digit

Remember to;	Abstract

Remember to;

- Write one digit per square
- Write the number you are dividing by outside (3)
- Write the number you are dividing inside (378)
- Divide the first digit by the outside number (3 ÷ 3)
- Write the answer on the top line (1)
- Multiply the answer (the number on the top line) by the outside number (3)
- Write that answer below (3)
- Subtract that answer from the digit your divided (3-3)
- Write the answer below
- Bring down the next digit (7)
- Repeat, starting with dividing the new number you have created below by the outside number
- Repeat all of the steps as above until you reach the last digit of the number you are dividing.
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Children working within band 4 should be secure with the written method for division to allow them to use the abstract representation shown opposite.

Abstract

Without remainders

$$378 \div 3 = 126$$

		D	M	S	B
	1	2	6		
3	3	7	8		
-	3				
	0	7			
	-	6			
		1	8		
	-	1	8		
			0		

With remainders

$$456 \div 5 = 91 \; r \; 1$$

		D	M	S	B
	0	9	1	r	1
5	4	5	6		
-	0				
	4	5			
-	4	5			
		6			
	-	5			
		1			