



- 1) a)  $1132 \times 3 = 3396$   
 b)  $2042 \times 4 = 8168$   
 c)  $3613 \times 6 = 21\,678$       The code is 311.
- 2) Possible answers must show the need for calculating  $2103 \times 4$ , for example:  
 Sally is writing a book. Each day, she writes 2103 words. How many words has she written after the fourth day?  
 Sylvain earns £2103 a month. How much does he earn after four months?



- 1) a) Harry should have regrouped the ten from  $4 \times 3$  and added this to  $10 \times 3$ , to make 4 in the tens column.  
 b) Harry has not regrouped the ten from  $3 \times 4$ .  
 c) Harry has incorrectly recorded  $0 \times 6$  as 6.  
 d) Harry has not recorded  $0 \times 8$  as 0 by putting a place holder in the ones column.
- 2) a)  $2314 \times 3 = 6942$   
 b)  $3043 \times 4 = 12\,172$   
 c)  $5206 \times 6 = 31\,236$   
 d)  $4310 \times 8 = 34\,480$



1) a) 

3	2	1	2
×			3
9	6	3	6

      b) 

	4	0	1	5
×				4
1	6	0	6	0
			2	

      c) 

	6	1	0	3
×				5
3	0	5	1	5
			1	

- 2) a) There are four possible solutions.  
 $1221 \times 3 = 3663$   
 $1441 \times 2 = 2882$   
 $1331 \times 2 = 2662$   
 $1221 \times 4 = 4884$
- b) Look for children explaining that A must have a value of 1 to ensure that the answer C has the same value as the multiplier C. None of the letters can have a value of 0. Multiplying B by C must not result in any regrouping, so these letters must have a value of less than 5.