1) a) $1132 \times 3 = 3396$

b) $2042 \times 4 = 8168$

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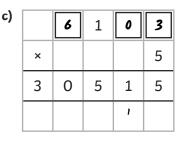
2) *Possible answers must show the need for calculating 2103×4, for example:*
Sally is writing a book. Each day, she writes 2103 words. How many words has she written after the fourth day?
Sylvain earns £2103 a month. How much does he earn after four months?

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1) a) *Harry should have regrouped the ten from 4×3 and added this to 10×3, to make 4 in the tens column.*

b) *Harry has not regrouped the ten from 3×4.*

c) *Harry has incorrectly recorded 0×6 as 6.*

d) *Harry has not recorded 0×8 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) $4310 \times 8 = 34\,480$

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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.*