L.O. Use the compact method to multiply 2-digit by 2-digit numbers
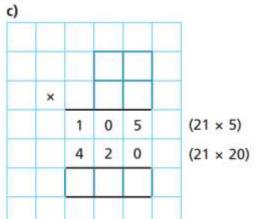
1. Fill in the missing numbers:

a)

		4	3	
	×	1	3	
	1₁	2	9	(43 × 3)
	4	3	0	(43 × 10)

b)

		2	1	
	×	1	6	
	1₁	2	6	
	2	1	0	

(☐ × ☐)

(☐ × ☐)

c)

	×			
	1	0	5	(21 × 5)
	4	2	0	(21 × 20)

2. Mo is calculating 34 × 23

Here is his working.

What mistake has Mo made?

What is the correct answer?

		3	4
×		2	3
1₁	0₁	2
	6	8
1	7₁	0

3. Work out these multiplications in your book:

a.) 52 x 34 =   b.) 22 x 56 =   c.) 46 x 64 =   d.) 47 x 63

4. A machine prints 92 labels every minute.

How many labels will it print in three-quarters of an hour?