

Have a go at the EXT questions. They are similar questions, the pages get harder as you go on. You do not need to complete them all. The third page is the most challenging set of questions.

Multiply 2 Digits by 1 Digit 1

1a. Rehan and Destiny have solved the following multiplications.



Rehan

	T	O
	3	2
x		2
	5	4

	T	O
	2	1
x		2
	4	2



Destiny

T	O
● ● ● ●	● ●
● ● ● ●	● ●

T	O
● ●	●
● ●	●

Are they both correct?
Explain how you know.



R

Multiply 2 Digits by 1 Digit 1

1b. Fatima and Dan have solved the following multiplications.



Fatima

	T	O
	2	2
x		2
	4	4

	T	O
	2	3
x		2
	1	2



Dan

T	O
● ●	● ●
● ●	● ●

T	O
● ●	● ● ●
● ●	● ● ●

Are they both correct?
Explain how you know.



R

2a. Jana is thinking of a number.



I multiplied a number by 2. The answer was 24.



What is Jana's number?
Explain how you know.

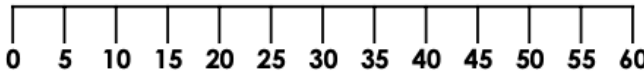


R

2b. Jakub is thinking of a number.



I multiplied a number by 5. The answer was 55.



What is Jakub's number?
Explain how you know.



R

3a. Create and solve a calculation using the digit cards below.

	T	O
		3
x		
		9



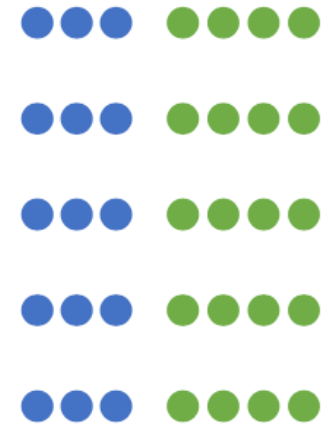
2 6 3



PS

3b. Create and solve a calculation using the digit cards below.

	T	O
		4
x		
		8



6 2 3



PS

Multiply 2 Digits by 1 Digit 1

Multiply 2 Digits by 1 Digit 1

4a. Brody and Rose have solved the following multiplications.



Brody

	T	O
	3	3
x		3
	9	9

	T	O
	3	2
x		3
	9	5



Rose

Are they correct?

Explain how you know, using a place value grid to show your working.



R

4b. Ian and Ellie have solved the following multiplications.



Ian

	T	O
	2	2
x		4
	8	8

	T	O
	1	1
x		8
	1	9



Ellie

Are they correct?

Explain how you know, using a place value grid to show your working.



R

5a. Blake is thinking of a number.



I multiplied a number by 8. The answer was 88.

What is Blake's number?

Explain how you know.



R

5b. Brooke is thinking of a number.



I multiplied a number by 4. The answer was 48.

What is Brooke's number?

Explain how you know.



R

6a. Create and solve a calculation using the digit cards below.

	T	O
		2
x		
		8

2 8 4



PS

6b. Create and solve a calculation using the digit cards below.

	T	O
		2
x		
	4	

8 1 4



PS

Multiply 2 Digits by 1 Digit 1

7a. Sara and Riley have multiplied the same number by different amounts.



Sara

	T	O
	?	?
x		2
	4	6

	T	O
	?	?
x		3
	6	9



Riley

What was their number?
Explain how you know, using a place value grid to show your working.



R

Multiply 2 Digits by 1 Digit 1

7b. Rehan and Anna have multiplied the same number by different amounts.



Rehan

	T	O
	?	?
x		4
	8	4

	T	O
	?	?
x		3
	6	3



Anna

What was their number?
Explain how you know, using a place value grid to show your working.



R

8a. Ben is thinking of a number.



I multiplied a number by 4. I then subtracted 5. The answer was 83.

What is Ben's number?
Explain how you know.



R

8b. Fatima is thinking of a number.



I multiplied a number by 3. I then added 10 and the answer was 73.

What is Fatima's number?
Explain how you know.



R

9a. Create and solve a calculation using all the digit cards below.

	T	O
x		

3 2 9 6 3



PS

9b. Create and solve a calculation using all the digit cards below.

	T	O
x		

4 2 1 8 4



PS