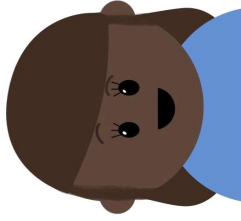




YR5 PROGRESSION IN MASTERY LESSON PACK - MULTIPLY 3-DIGITS BY 2-DIGITS

REASONING 1

Anifa's working has been hidden but can you explain her error?



			5	0	3
x				3	3
			1	5	9
	1	5	9	0	
	1	7	4	9	

REASONING 2

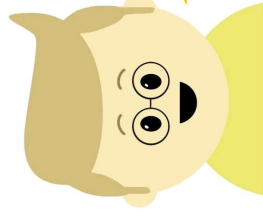
Which is the quickest to calculate? Explain why!

	8	1	9
x		5	4

			5	4
x		8	1	9

REASONING 3

Alfie says...



The numbers that are missing are both ones.

	5	4	2
x			
3	2	5	2
5	4	2	0
8	6	7	2

Is he correct? Prove it.

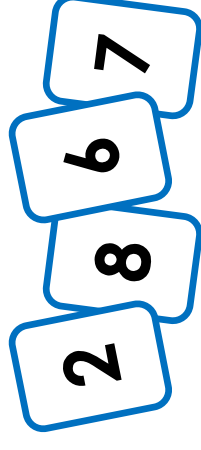
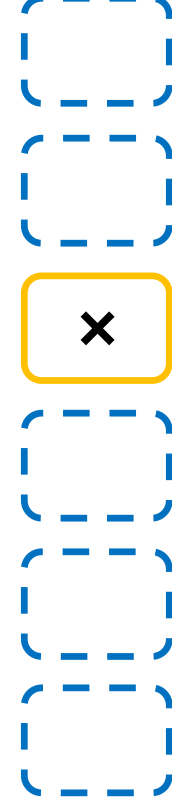
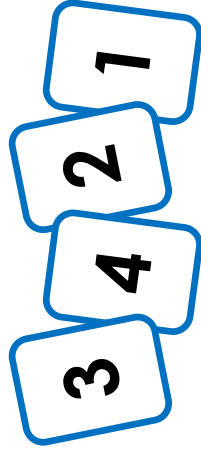




YR5 PROGRESSION IN MASTERY LESSON PACK - MULTIPLY 3-DIGITS BY 2-DIGITS

PROBLEM SOLVING 1

Use the digit cards below to complete the challenges.



Challenge 1

Make the highest possible product.

Challenge 2

Make an odd product.

Challenge 3

Make the product closest to 9,000.

Which challenges can you find multiple solutions for?

PROBLEM SOLVING TASKS

