

Eva says,



To multiply 23 by 57 I just need to calculate 20×50 and 3×7 and then add the totals.

What mistake has Eva made?
Explain your answer.

Farmer Ron has a field that measures 53 m long and 25 m wide.

Farmer Annie has a field that measures 52 m long and 26 m wide.

Dora thinks that they will have the same area because the numbers have only changed by one digit each.

Do you agree? Prove it.

Here are examples of Dexter's maths work.

			9	8	7
x				7	6
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		5	5	4	2
		6	9	0	9
<hr/>					
	1	2	8	3	1

			3	2	4
x				7	8
<hr/>					
			5	9	2
		2	1	3	
		2	2	6	8
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	2	1	2	7	2

He has made a mistake in each question.

Can you spot it and explain why it's wrong?

Correct each calculation.