



Chilli Challenges - 29/1/21

Answer at least one challenge question.

Self-assess your learning with the answers. No Peeking!

Mild Green Chilli



If there is a zero in one of the factors then there will always be a zero in the product.

		5	4	0
×				6
		3	2	4
			2	

		3	0	4
×				2
		6	0	8

Hot Yellow Chilli

Spicy Red Chilli

Spot the mistake

Alex and Dexter have both completed the same multiplication.



Alex

	H	T	O
	2	3	4
×			6
	1	2	0
	2	2	



Dexter

	H	T	O
	2	3	4
×			6
	1	4	0
	2	2	

Who has the correct answer?

What mistake has been made by one of the children?

Teddy and his mum were having a reading competition. In one month, Teddy read 814 pages.



His mum read 4 times as many pages as Teddy.

How many pages did they read altogether?

How many fewer pages did Teddy read? Use the bar model to help.

Teddy

814

Mum

814	814	814	814
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Answers

If there is a zero in one of the factors then there will always be a zero in the product.

		5	4	0
×				6
	3	2	4	0
		2		

	3	0	4
×			2
	6	0	8

Dexter has the correct answer.

Alex has forgotten to add the two hundreds she exchanged from the tens column.

$$814 \times 5 = 4,070$$

They read 4,070 pages altogether.

$$814 \times 3 = 2,442$$

Teddy read 2,442 fewer pages than his mum.