

- 1 Complete the sentences to describe the multiplication.

Th	H	T	O
1,000 1,000	100 100	10	1 1 1
1,000 1,000	100 100	10	1 1 1
1,000 1,000	100 100	10	1 1 1

There are  ones altogether.

There are  tens altogether.

There are  hundreds altogether.

There are  thousands altogether.

$$2,213 \times 3 = \boxed{\phantom{0000}}$$

- 2 Complete the multiplication.

Use a place value chart to help you.

		2	1	0	2	
	x				4	



- 3 A football stadium holds 2,214 people.

The stadium is full for four matches in a row.

What was the attendance for all four matches?

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1,000 1,000	100 100	10	1 1
1,000 1,000	100 100	10	1 1
1,000 1,000	100 100	10	1 1
1,000 1,000	100 100	10	1 1

		2	2	1	4
	x				4

- 4 Nijah is calculating  $2,430 \times 3$

She makes this place value chart to help her.

Th	H	T	O
	100 100	10 10	1 1
		10 10	1
	100 100	10 10	1 1
		10 10	1
	100 100	10 10	1 1
		10 10	1

She gets the answer 729

What mistake has Nijah made?

What is the correct answer?



- 3 A football stadium holds 2,214 people.  
The stadium is full for four matches in a row.  
What was the attendance for all four matches?

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		2	2	1	4		
	×				4		

- 4 Nijah is calculating  $2,430 \times 3$   
She makes this place value chart to help her.

Th	H	T	O
	100 100	10 10	1 1
	100 100	10 10	1 1
	100 100	10 10	1 1

She gets the answer 729  
What mistake has Nijah made?  
What is the correct answer?

- 5 Work out the multiplications.  
a)  $3,126 \times 3$  c)  $4,132 \times 6$   
b)  $4,812 \times 2$  d)  $1,502 \times 5$

- 6 Ron is working out  $7,423 \times 0$



The answer  
is 7,423

7	4	2	3
×			0
<hr/>			
7	4	2	3

Do you agree with Ron?  
Did Ron have to use a column method? Is there a quicker way?

- 7 Work out the multiplications.  
 $2,846 \times 2$      $2,846 \times 4$      $2,846 \times 8$   
What do you notice about the answers?

- 8 Without using the formal method,  
how could you use this fact to  
calculate  $248 \times 9$ ?

$$248 \times 10 = 2,480$$

Check your answer using the formal method.  
Which method was easier?

- 9 Use each digit card once to write a multiplication.

1	2	3	4	5
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List all the different products you can find.  
What is the closest product to 8,000?