## Multiply 4-digits by 1-digit



Complete the sentences to describe the multiplication.



Th	Н	Т	0
1,000	100 100	10	
1,000	100 100	10	
1,000	100 100	10	

There are	ones altogether.

There are tens altogether.

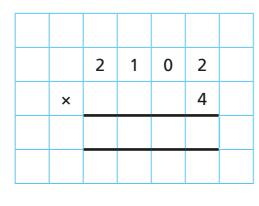
There are hundreds altogether.

There are thousands altogether.

2 Complete the multiplication.

Use the place value chart to help you.

Th	Н	Т	0





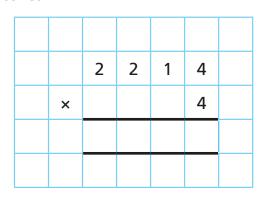


	3	A football stadium holds 2,214 people
V	-	A lootball stadialli floids 2,214 people

The stadium is full for 4 matches in a row.

What was the attendance for all 4 matches?

Th	Н	Т	0
1,000	100 100	10	1 1
1,000	100 100	10	1 1
1,000	100 100	10	1 1
1,000	100 100	10	1 1



The attendance for all 4 matches was

s was	
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4 Nijah is calculating 2,430 × 3

She makes this place value chart to help her.

Th	Н	Т	0
	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

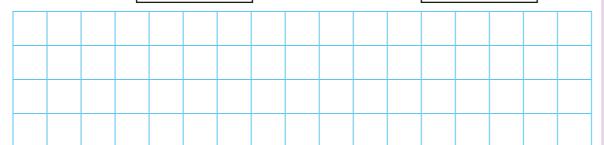
She gets the answer 729

What mistake has Nijah made?

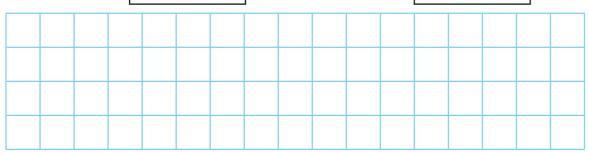
What is the correct answer?

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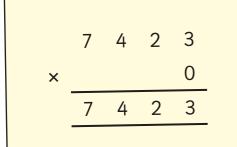
- Complete the multiplications.
  - α) 3,126 × 3 =
- c) 4,132 × 6 =



- **b)** 4,812 × 2 =
- **d)** 1,502 × 5 =



6 Ron is working out 7,423 × 0



The answer is 7,423



Do you agree with Ron? \_\_\_\_\_

Did Ron have to use a column method? Is there a quicker way?

7 Work out these multiplications.

What do you notice about the answers?



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



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

Check your answer using the formal method.

Which method was easier?



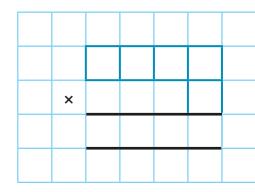
9 Use each digit card once to write a multiplication.











How many different products can you find?

5

What is the closest product to 8,000?



