

Multiply 4-digits by 1-digit

1 Complete the sentences to describe the multiplication.

Th	H	T	O

There are ones altogether.

There are tens altogether.

There are hundreds altogether.

There are thousands altogether.

$2,213 \times 3 =$

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 4 matches in a row.

What was the attendance for all 4 matches?



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

She makes this place value chart to help her.

Th	H	T	O

She gets the answer 729

What mistake has Nijah made?

What is the correct answer?

5 Complete 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 $7,423 \times 0$

$$\begin{array}{r} 7\ 4\ 2\ 3 \\ \times \quad\quad\quad 0 \\ \hline 7\ 4\ 2\ 3 \end{array}$$

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.

$$2,846 \times 2$$

$$2,846 \times 4$$

$$2,846 \times 8$$

What do you notice about the answers?



8

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

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

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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		x					



How many different products can you find?

What is the closest product to 8,000?