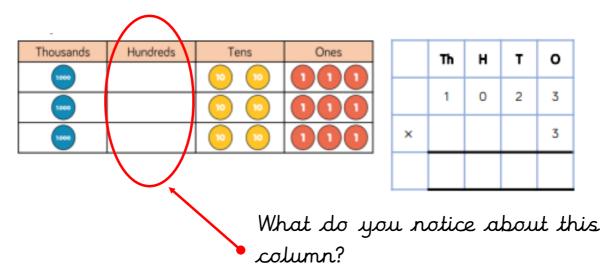
06.01.2021

Multiplication

LO: To multiply a 4 digit number by a 1 digit number.

James an	d Loff	ie are	disc	ussin	g the	calc	ulatio	n 4,32	25 x 3	3.		4	2	2	E
The answer is 12,975.								x	4	3	_	3			
James 1.000	1.000	1,000	1,000		765.	100	10	Loffie 10	1	1	1		1	1)
1,000	1,000	1,000	1,000	100	100	100	10	10	1	1	1) (1	1	
1.000	1,000	1,000	1,000	100	100	100	10	10	1	1	1) (1	1	

Using your skills from yesterday's lesson, have a go at completing this calculation on your whiteboard!



Write the multiplication calculation represented and find the answer.

Thousands	Hundreds	Tens	Ones
1000 1000	100		
1000 1000	8		000000

Remember if there are 10 or more counters in a column you need to make an exchange.

Annie earns £1,325 per week.

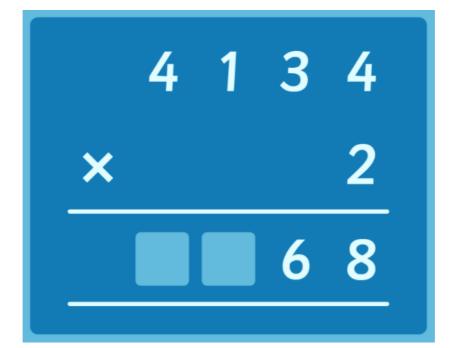
How much would she earn in 4 weeks?

Thousands	Hundreds	Tens	Ones
-	100 000 000	000	00000
•	100 000 000	10 00	00000
-	100 000 000	000	00000
•	100 000 100	000	00000

	Th	н	Т	0
	1	3	2	5
×				4

Complete the calculation on your white boards! The first two steps have been calculated for

уои.



It is important that we understand and continue to use mathematical vocabulary.

If my question said:

"What is the product of 2,941 and 9?"

What does the word product mean?

Have a go at working this out on your white board!

Try these questions on your whiteboards:

- 1. What is the product of 3,424 and 6?
- 2. 1,204 multiplied by 3 equals _____.
- 3. What is the product of 3,642 and 4?

Task one

Task One

- 1. 6586 x 5 = 7. 8292 x 8 =
- 2. 6682 x 9 = 8. 8940 x 8 =
- 3. $9870 \times 4 = 9$. $5512 \times 5 =$
- 4. $1476 \times 4 = 10.$ $9706 \times 8 =$
- 5. $4217 \times 7 = 11$. $1268 \times 5 =$
- 6. $1815 \times 6 = 12$. $8139 \times 3 = 1$

Task two

Task Two

Alex calculated 1,432 \times 4

Here is her answer.

	Th	н	Т	0
	1	4	3	2
×				4
	4	16	12	8

 $1,432 \times 4 = 416,128$

Can you explain what Alex has done wrong?

Task three

Task three

Can you work out the missing numbers using the clues?



- The 4 digits being multiplied by 5 are consecutive numbers.
- The first 2 digits of the product are the same.
- The fourth and fifth digits of the answer add to make the third.

Extension

Extension

- 1. 497_ × 3 14919
- 7. 3_69 × 3 11307
- 2. _599 × 3 16797
- 8. 3595 × <u>-</u> 10785
- 3. 30_5 × 3 9045
- 9. _881 × 3 5643
- 4. 5_57 × 3 15471
- 10. 55_9 $\frac{\times 4}{22276}$
- 5. 5924 × 23696
- 11. 585_ × 3 17550
- 6. 180_ × 4 7232
- 12. <u>_404</u> <u>* 3</u> <u>13212</u>