



Arithmetic c



Good Morning Year 6!

Today you are looking at multiplying a 4-digit number by a 1-digit number.



Go through the slides as best you can.



Complete the activity uploaded separately.



If you would like your work marked, please bring it in Monday.



Division



What is being represented here?

$$3 \quad 9 \quad 3 \quad 6 \div 3$$

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

		1			
	3	3	9	3	6

Hummm? What is this red line all about?



Multiples of 3 will help us answer this division question.



Division



What is being represented here?



Thousands	Hundreds	Tens	Ones

$$4894 \div 4$$

	1	2	2	3		
4	4	8	9	4		r2

$$4, 8, 12$$

Let's talk through this one together

$$\begin{array}{r} 1005 \\ 5 \overline{) 5025} \end{array}$$

What jottings could I record to help me with this question?

5, 10, 15, 20, 25, 30

Recording our multiples is handy as it means we don't have to keep counting through our times tables!

Let's try a couple more together....
Don't forget your spare paper!

1.
$$\begin{array}{r} 0414 \\ 3 \overline{) 1242} \end{array}$$


Multiples of 3 will help us
to answer this question.

3, 6, 9, 12, 15


2.
$$\begin{array}{r} 1210 \\ 6 \overline{) 7260} \end{array}$$

Multiples of 6 will help us
to answer this question.

6, 12, 18, 24, 30, 36



Division



How can we find the value of 'a'?

9,415						
a	a	a	a	a	a	a

$9415 \div 7$

$6451 \div 4$

$1612r3$
 $4 \overline{) 6451}$

Now try this one →

$b =$

6451			
b	b	b	b



Arithmetic



Over to you!

You are now going to have some time to complete your independent assignment which can be found on Teams.



Complete the activity uploaded separately.



If you would like your work marked, please bring it in Monday.

Please don't worry if you cannot complete today's learning.
We will be going through today's learning in school.