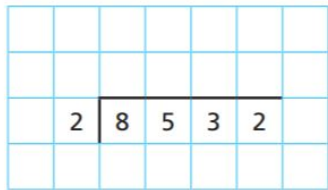
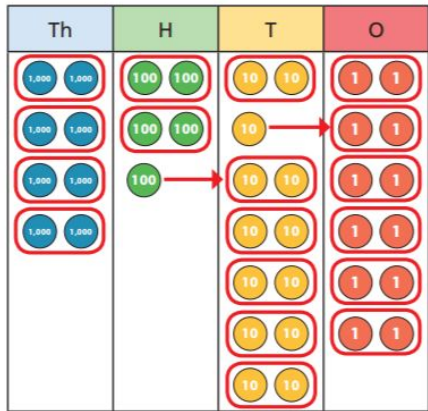


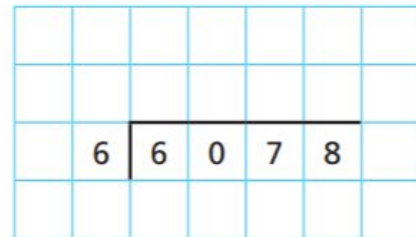
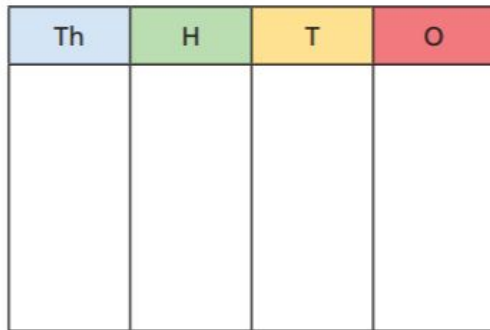
# Tuesday - Yr 5 Maths - All

Use the place value charts to work out the divisions.

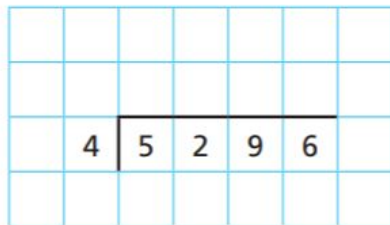
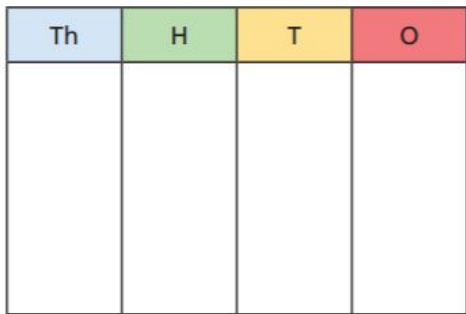
a)  $8,532 \div 2 =$



c)  $6,078 \div 6 =$



b)  $5,296 \div 4 =$



# Tuesday - Yr 5 Maths - \*\* and \*\*\*

Complete the divisions.

a)

	5	3	5	6	0		

d)

	6	9	7	8	6		

b)

	9	2	7	3	6		

e)

	3	4	6	8	3		

c)

	4	6	5	2	4		

f)

	1	2	0	7	9		

Work out the values of  $a$ ,  $b$  and  $c$ .

9,415						
$a$	$a$	$a$	$a$	$a$	$a$	$a$

$a = \boxed{\phantom{000}}$

$b$	$b$	$b$	$b$	$b$	$b$	$b$	$b$
5,328							

$b = \boxed{\phantom{000}}$

120	120	120	120
$c$	$c$	$c$	$c$

$c = \boxed{\phantom{000}}$

Could you have calculated the answer to part f) more efficiently?

# Wednesday - Yr 5 Maths - \*\*

Use place value counters to work out  $8,407 \div 4$

Th	H	T	O

4	8	4	0	7	

$8,407 \div 4 =$   remainder

Use place value counters to help you.

3	7	5	9	5	

4	8	5	6	7	

5	6	5	6	2	

3	3	9	3	5	

Write the calculations in the correct column of the table.

$5,066 \div 4$

$9,513 \div 4$

$1,234 \div 4$

$6,562 \div 4$

$6,563 \div 4$

$9,515 \div 4$

Remainder of 1	Remainder of 2	Remainder of 3	Remainder of 4

Are any columns empty? Talk to a partner about why this has happened.

# Wednesday - Yr 5 Maths - \*\*\*

I am thinking of a 3-digit number.

When it is divided by 9, the remainder is 3

When it is divided by 2, the remainder is 1

When it is divided by 5, the remainder is 4

What is my number?

Muffins are packed in trays of 6 in a factory.  
In one day, the factory makes 5,623 muffins.  
How many trays do they need?  
How many trays will be full?  
Why are your answers different?

For the calculation  $8,035 \div 4$

- Write a number story where you round the remainder up.
- Write a number story where you round the remainder down.
- Write a number story where you have to find the remainder.

# Thursday - Yr 5 Maths - All (Assessment)

1 Calculate.

$$312 \times 3 = \underline{\hspace{2cm}}$$

$$312 \div 3 = \underline{\hspace{2cm}}$$

$$1,371 \times 7 = \underline{\hspace{2cm}}$$

$$798 \div 5 = \underline{\hspace{2cm}}$$

2 Complete the calculation.

		2		7
×				6
	1		4	2

3 Jack is thinking of a number.

When he multiplies his number by 7, he gets 161

What is Jack's number?

\_\_\_\_\_

4 Complete the grid for the multiplication  $36 \times 14$

	30	6
10	300	
4		

Use the grid to work out  $36 \times 14$

\_\_\_\_\_

# Thursday - Yr 5 Maths - All (Assessment)

- 5 In a theatre there are 45 rows of chairs.  
There are 36 chairs in each row.  
How many chairs are there altogether?

\_\_\_\_\_ chairs

- 6 Jen and Max each have 5 digit cards.



Jen arranges her cards to make a 3-digit and 2-digit number.

$$\boxed{1} \boxed{5} \boxed{7} \times \boxed{4} \boxed{8}$$

She multiplies the two numbers together.

What is her answer?

\_\_\_\_\_

Max arranges his cards to make a 3-digit and 2-digit number.

He multiplies his numbers and his answer ends in a 5

What could the 3-digit and 2-digit number be?

$$\boxed{\phantom{0}} \boxed{\phantom{0}} \boxed{\phantom{0}} \times \boxed{\phantom{0}} \boxed{\phantom{0}}$$

- 7 A jacket costs £52  
Eight jackets and three skirts cost £653  
How much does a skirt cost?

£ \_\_\_\_\_

- 8 Some cards are shared between 7 boxes.  
There are 63 cards in each box and 4 left over.  
How many cards were shared between the boxes?

\_\_\_\_\_ cards

- 9 Work out  $25 \times 87 \times 4$   
Explain or show your method.

\_\_\_\_\_

# Friday - Yr 5 Maths - All (Assessment Ans)

1 Calculate.

$$312 \times 3 = \underline{936}$$

$$312 \div 3 = \underline{104}$$

$$1,371 \times 7 = \underline{9,597}$$

$$798 \div 5 = \underline{159 \text{ r}3}$$

2 Complete the calculation.

		2	0	7
×				6
	1	2	4	2
				4

Allow 1 mark if 1 error has been made.

3 Jack is thinking of a number.  
When he multiplies his number by 7, he gets 161  
What is Jack's number?

$$\underline{23}$$

4 Complete the grid for the multiplication  $36 \times 14$

	30	6
10	300	60
4	120	24

Allow 1 mark if 1 error has been made.

# Friday - Yr 5 Maths - All (Assessment Ans)

- 5 In a theatre there are 45 rows of chairs.  
There are 36 chairs in each row.  
How many chairs are there altogether?

1 mark for correct method with 1 error.

1,620 chairs

- 6 Jen and Max each have 5 digit cards.



Jen arranges her cards to make a 3-digit and 2-digit number.

$$\begin{array}{|c|c|c|} \hline 1 & 5 & 7 \\ \hline \end{array} \times \begin{array}{|c|c|} \hline 4 & 8 \\ \hline \end{array}$$

She multiplies the two numbers together.

What is her answer?

1 mark for correct method with 1 error.

7,536

Max arranges his cards to make a 3-digit and 2-digit number.

He multiplies his numbers and his answer ends in a 5

What could the 3-digit and 2-digit number be?

$$\begin{array}{|c|c|c|} \hline 8 & 7 & 5 \\ \hline \end{array} \times \begin{array}{|c|c|} \hline 4 & 1 \\ \hline \end{array}$$

Any combination where one of the ones columns has the 5  
in and the other has either 1 or 7

- 7 A jacket costs £52  
Eight jackets and three skirts cost £653  
How much does a skirt cost?

1 mark for three skirts costing £237

£ 79

- 8 Some cards are shared between 7 boxes.  
There are 63 cards in each box and 4 left over.  
How many cards were shared between the boxes?

445 cards

- 9 Work out  $25 \times 87 \times 4$   
Explain or show your method.

E.g. I did  $25 \times 4$  first which is 100, then multiplied 87 by 100

8,700