

Day 1

Maths- 5 a day

1. $724 + 118 =$
2. How many days are there in September?
3. $155 - 27 =$
4. How many corners do 5 pentagons have altogether?
5. Complete the number sequence

48, 44, 40, __, __



Day 1 ANSWERS

Maths- 5 a day

1. $724 + 118 = 842$

2. How many days are there in September? **30 days**

3. $155 - 27 = 128$

4. How many corners do 5 pentagons have altogether? **25**

5. Complete the number sequence

48, 44, 40, **36**, **32**



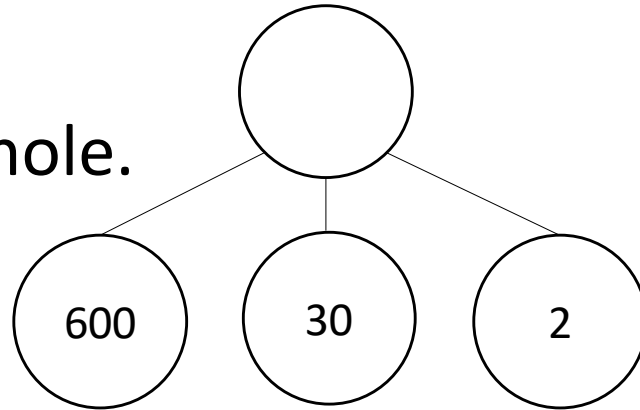
Day 2

Maths- 5 a day

1. $565 + 78 =$

2. $9 + 5 + 4 =$

3. Complete the part part whole.



4. Put these numbers in ascending order.

12, 121, 21, 112, 211

5. What month comes before September?



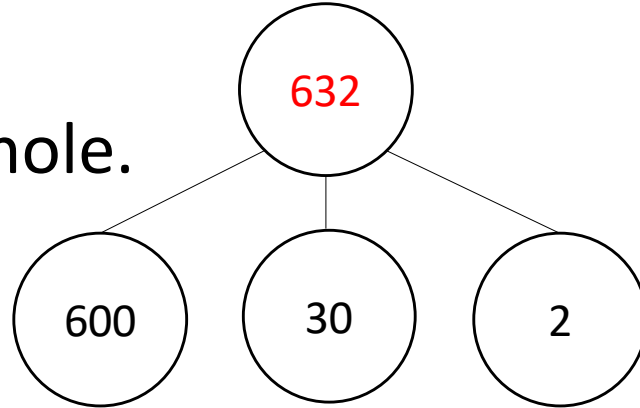
Day 2 ANSWERS

Maths- 5 a day

1. $565 + 78 = 643$

2. $9 + 5 + 4 = 18$

3. Complete the part part whole.



4. Put these numbers in ascending order.

12, 21, 112, 121, 211

5. What month comes before September? **August**



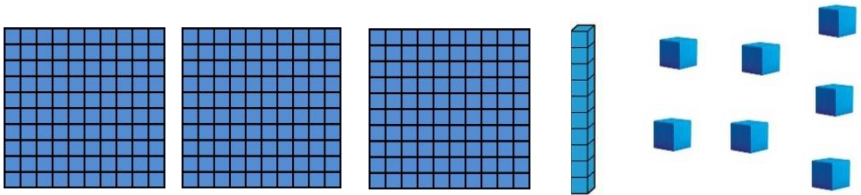
Day 3

Maths- 5 a day

1. $333 + 78 =$

2. What is 10 less than 407?

3. What number is represented by the dienes?



4. $21 \div 3 =$

5. How many days are there in a leap year?



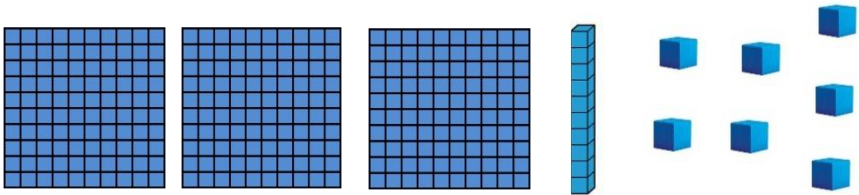
Day 3 ANSWERS

Maths- 5 a day

1. $333 + 78 = 411$

2. What is 10 less than 407? 397

3. What number is represented by the dienes? 317



4. $21 \div 3 = 7$

5. How many days are there in a leap year? 366



Day 4

Maths- 5 a day

1. $525 + 291 =$

2. $111 - 68 =$

3. Use $=<>$ to make the sentence true. The number of seconds in a minute ____ the number of minutes in an hour.

4. How many right angles can you find in this shape?



5. Complete the number sequence..

60, 55, 50, __, __



Day 4 ANSWERS

Maths- 5 a day

1. $525 + 291 = 816$

2. $111 - 68 = 43$

3. Use $=<>$ to make the sentence true. The number of seconds in a minute = the number of minutes in an hour.

4. How many right angles can you find in this shape? 0



5. Complete the number sequence..

60, 55, 50, 45, 40



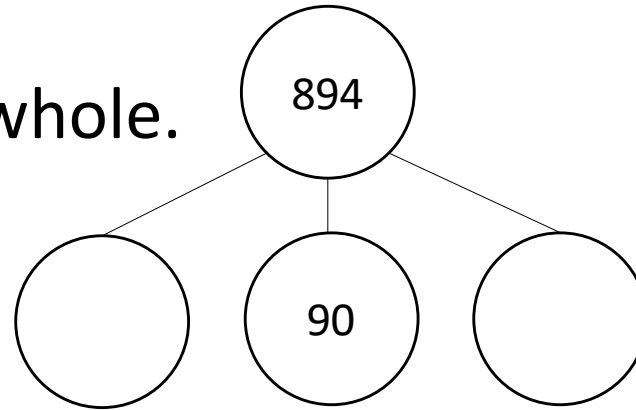
Day 5

Maths- 5 a day

1. $284 + 222 =$

2. $183 - 156 =$

3. Complete the part-part whole.



4. Complete the number sequence.

1, 4, 7, __, __

5. Which month of the year has the least days?



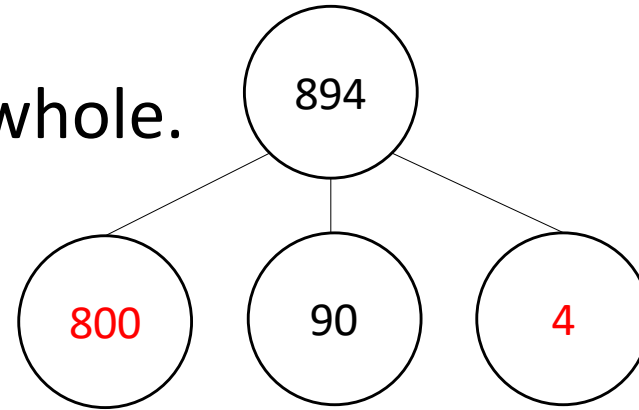
Day 5

Maths- 5 a day

1. $284 + 222 = 506$

2. $183 - 156 = 27$

3. Complete the part-part whole.



4. Complete the number sequence.

1, 4, 7, 10, 13

5. Which month of the year has the least days? **February**



Week 6 task 1

TLHT add 3 digit numbers using
the formal written method

This week we will be revising adding using the formal written method.

Remember to use the formal written method to solve every addition.

(Also remember you can draw place value discs to help you if you need to)

We look forward to seeing all your hard work!

TLHT add 3 digit numbers using the formal written method

Glossary

Addition – joining two or more amounts together

Digit- the symbols 0,1,2,3,4,5,6,7,8,9 that can be used to make numbers

Place value column – the position of a digit in a number showing its value.

Exchange and rename – swapping equal values from different place value columns e.g 10 ones become 1 ten.

TLHT add 3 digit numbers using the formal written method

This is how we set out formal written addition.

$$234 + 105 = 339$$

The first number in the addition goes above the second.

You must write the addition symbol to the left of the second number.

	H	T	O	
	2	3	4	
+	1	0	5	
	3	3	9	

Put the digits of the two numbers you are adding in the correct place value column.

The answer goes between the two lines underneath.

TLHT add 3 digit numbers using the formal written method

To use the written method we add one column at a time starting with the lowest value column.

Step 1

$$\begin{array}{r} \text{H T O} \\ 2 \ 3 \ 4 \\ + \ 1 \ 0 \ 5 \\ \hline \\ \hline \end{array}$$

Step 2

$$\begin{array}{r} \text{H T O} \\ 2 \ 3 \ 4 \\ + \ 1 \ 0 \ 5 \\ \hline \ 3 \ 9 \\ \hline \end{array}$$

Step 3

$$\begin{array}{r} \text{H T O} \\ 2 \ 3 \ 4 \\ + \ 1 \ 0 \ 5 \\ \hline 3 \ 3 \ 9 \\ \hline \end{array}$$

TLHT add 3 digit numbers using the formal written method

Solve these three addition calculations. Make sure you start in the lowest place value column.

$$\begin{array}{r} \text{H T O} \\ 322 \\ + 142 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 703 \\ + 262 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 570 \\ + 319 \\ \hline \\ \hline \end{array}$$

TLHT add 3 digit numbers using the formal written method

Solve these three addition calculations. Make sure you start in the lowest place value column. **ANSWERS**

$$\begin{array}{r} \text{H T O} \\ 322 \\ + 142 \\ \hline 464 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 703 \\ + 262 \\ \hline 965 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 570 \\ + 319 \\ \hline 889 \end{array}$$

TLHT add 3 digit numbers using the formal written method

Sometimes, when using the written method, the digits in one place value column add together to make more than 9. You cannot have more than 9 in one place value column. Instead you will have to exchange and rename into the next column.

$$\begin{array}{r} \text{H T O} \\ 125 \\ + 16 \\ \hline 1 \\ \hline 1 \end{array}$$

5+6 = 11 so you write the 1 one in the ones column and the 1 ten under the tens column.

$$\begin{array}{r} \text{H T O} \\ 125 \\ + 16 \\ \hline 41 \\ \hline \cancel{1} \end{array}$$

2 + 1 = 3 but you have to add the extra ten that has been exchanged and renamed to make 4. Cross out the exchanged digit to show that you have added it.

$$\begin{array}{r} \text{H T O} \\ 125 \\ + 16 \\ \hline 141 \\ \hline \cancel{1} \end{array}$$

There is only 1 hundred so we don't have to add anything. Just write the hundred in the answer.

TLHT add 3 digit numbers using the formal written method

Sometimes, when using the written method, the digits in one place value column add together to make more than 9. You cannot have more than 9 in one place value column. Instead you will have to exchange and rename into the next column.

$$\begin{array}{r} \text{H T O} \\ 226 \\ + 27 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 152 \\ + 118 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 325 \\ + 91 \\ \hline \\ \hline \end{array}$$

TLHT add 3 digit numbers using the formal written method

Sometimes, when using the written method, the digits in one place value column add together to make more than 9. You cannot have more than 9 in one place value column. Instead you will have to exchange and rename into the next column. **ANSWERS**

$$\begin{array}{r} \text{H T O} \\ 226 \\ + \quad 27 \\ \hline 253 \\ \hline \end{array}$$

~~1~~

$$\begin{array}{r} \text{H T O} \\ 152 \\ + \quad 118 \\ \hline 270 \\ \hline \end{array}$$

~~1~~

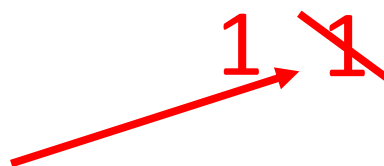
$$\begin{array}{r} \text{H T O} \\ 325 \\ + \quad 91 \\ \hline 416 \\ \hline \end{array}$$

~~1~~

TLHT add 3 digit numbers using the formal written method

Sometimes, you will need to exchange and rename more than once when adding two three digit numbers.

$$\begin{array}{r} \text{H T O} \\ 189 \\ + 416 \\ \hline 5 \\ \hline 1 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 189 \\ + 416 \\ \hline 05 \\ \hline 1 \cancel{1} \end{array}$$


$$\begin{array}{r} \text{H T O} \\ 189 \\ + 416 \\ \hline 605 \\ \hline \cancel{1} \cancel{1} \end{array}$$

This ten, added to the 8 and the 1 to makes 10 tens which become 1 hundred.

TLHT add 3 digit numbers using the formal written method

Solve these addition calculations. Remember each one will have two lots of exchanging and renaming.

$$\begin{array}{r} \text{H T O} \\ 295 \\ + 425 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 335 \\ + 176 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 109 \\ + 693 \\ \hline \\ \hline \end{array}$$

TLHT add 3 digit numbers using the formal written method

Solve these addition calculations. Remember each one will have two lots of exchanging and renaming. **ANSWERS**

$$\begin{array}{r} \text{H T O} \\ 295 \\ + 425 \\ \hline 720 \\ \hline \end{array}$$

~~1~~ ~~1~~

$$\begin{array}{r} \text{H T O} \\ 335 \\ + 176 \\ \hline 511 \\ \hline \end{array}$$

~~1~~ ~~1~~

$$\begin{array}{r} \text{H T O} \\ 109 \\ + 693 \\ \hline 802 \\ \hline \end{array}$$

~~1~~ ~~1~~

Week 6 task 2

TLHT add 3 digit numbers using the formal written method

TLHT add 3 digit numbers using the formal written method

Layout and solve these calculations on the sheet.

$623 + 64 =$

	H	T	O
+			
<hr/>			
<hr/>			

$273 + 25 =$

	H	T	O
+			
<hr/>			
<hr/>			

$352 + 215 =$

	H	T	O
+			
<hr/>			
<hr/>			

$517 + 351 =$

	H	T	O
+			
<hr/>			
<hr/>			

TLHT add 3 digit numbers using the formal written method

Layout and solve these calculations on the sheet.

$623 + 64 =$

	H	T	O
	6	2	3
+		6	4
<hr/>			
	6	8	7
<hr/>			

$273 + 25 =$

	H	T	O
	2	7	3
+		2	5
<hr/>			
	2	9	8
<hr/>			

$352 + 215 =$

	H	T	O
	3	5	2
+	2	1	5
<hr/>			
	5	6	7
<hr/>			

$517 + 351 =$

	H	T	O
	5	1	7
+	3	5	1
<hr/>			
	8	6	8
<hr/>			

TLHT add 3 digit numbers using the formal written method

Solve these written addition calculations.

	H	T	O
	5	3	7
+		5	4
<hr/>			
<hr/>			

	H	T	O
	2	3	5
+		9	2
<hr/>			
<hr/>			

	H	T	O
	6	0	4
+		7	7
<hr/>			
<hr/>			

	H	T	O
	4	3	6
	3	8	2
<hr/>			
<hr/>			

	H	T	O
	3	9	2
+	1	3	9
<hr/>			
<hr/>			

	H	T	O
	7	2	8
+	1	7	2
<hr/>			
<hr/>			

TLHT add 3 digit numbers using the formal written method

Solve these written addition calculations.

	H	T	O
	5	3	7
+		5	4
<hr/>			
	5	9	1
<hr/>			
		1	

	H	T	O
	2	3	5
+		9	2
<hr/>			
	3	2	7
<hr/>			
		1	

	H	T	O
	6	0	4
+		7	7
<hr/>			
	6	8	1
<hr/>			
		1	

	H	T	O
	4	3	6
	3	8	2
<hr/>			
	8	1	8
<hr/>			
	1		

	H	T	O
	3	9	2
+	1	3	9
<hr/>			
	5	3	1
<hr/>			
	1	1	

	H	T	O
	7	2	8
+	1	7	2
<hr/>			
	9	0	0
<hr/>			
	1	1	

TLHT add 3 digit numbers using the formal written method

Solve these additions using the formal written method. **ANSWERS**

1. $274 + 16 = 290$

2. $516 + 55 = 571$

3. $445 + 182 = 627$

4. $624 + 284 = 908$

5. $321 + 299 = 620$

Week 6 task 3

TLHT add 3 digit numbers using the formal written method

TLHT add 3 digit numbers using the formal written method

You are the teacher!

Check if these calculations are correct.

Put a tick or a cross in the box next to them.

	H	T	O
	2	4	6
+		3	3
<hr/>			
	2	4	9
<hr/>			

	H	T	O
	1	5	5
+		4	3
<hr/>			
	1	9	8
<hr/>			

	H	T	O
	2	3	5
+	4	3	
<hr/>			
	6	6	5
<hr/>			

	H	T	O
	4	3	6
	1	6	2
<hr/>			
	5	9	8
<hr/>			

TLHT add 3 digit numbers using the formal written method

ANSWERS

You are the teacher!

Check if these calculations are correct.

Put a tick or a cross in the box next to them.

	H	T	O	
	2	4	6	
+		3	3	
<hr/>				
	2	4	9	<input type="checkbox"/>
<hr/>				

	H	T	O	
	1	5	5	
+		4	3	
<hr/>				
	1	9	8	<input checked="" type="checkbox"/>
<hr/>				

	H	T	O	
	2	3	5	
+	4	3		
<hr/>				
	6	6	5	<input type="checkbox"/>
<hr/>				

	H	T	O	
	4	3	6	
+	1	6	2	
<hr/>				
	5	9	8	<input checked="" type="checkbox"/>
<hr/>				

TLHT add 3 digit numbers using the formal written method

Can you use the digits
1,2,3 and 4 only once
to make this addition
correct?

$$\begin{array}{r} \text{T} \quad \text{O} \\ \square \quad \square \\ + \quad \square \quad 8 \\ \hline 7 \quad \square \\ \hline \end{array}$$

TLHT add 3 digit numbers using the formal written method

Dan has been learning to add using the formal written method.

He has made some mistakes. Can you explain to him what he has done wrong?

$$\begin{array}{r} \text{H T O} \\ 429 \\ + 132 \\ \hline 551 \\ \hline \end{array}$$

TLHT add 3 digit numbers using the formal written method

Dan has been learning to add using the formal written method.

He has made some mistakes. Can you explain to him what he has done wrong?

$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 4 \quad 2 \quad 9 \\ 1 \quad 3 \quad 2 \\ \hline 5 \quad 5 \quad 1 \\ \hline \end{array} \quad \textcircled{+}$$

Dan has written the addition symbol on the wrong side of the calculation and he has not written the exchange and renamed 10 in the tens column and so has got 5 tens not 6 tens. The answer should be 561.