

# Mr Foster's Year 4 Maths

Friday 8<sup>th</sup> January 2021

# Adding two 4-digit numbers 1

Discover



Each lesson,  
read the words  
on the picture.

- 1 a) How much do the suitcase and the backpack weigh in total?  
b) The luggage can weigh a maximum of 9,000 g in total.

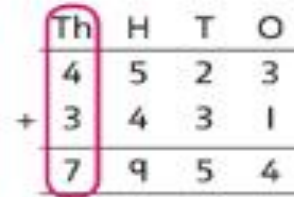
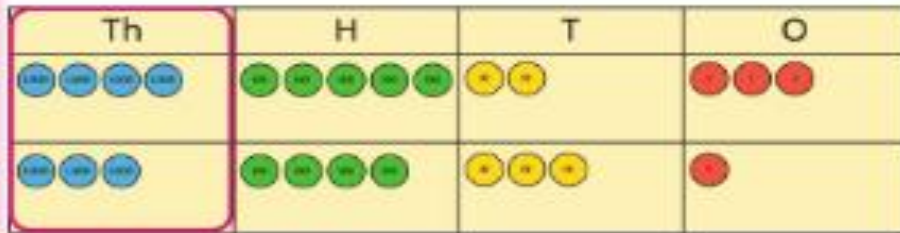
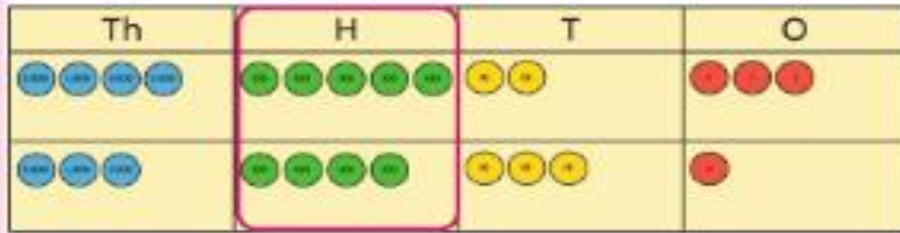
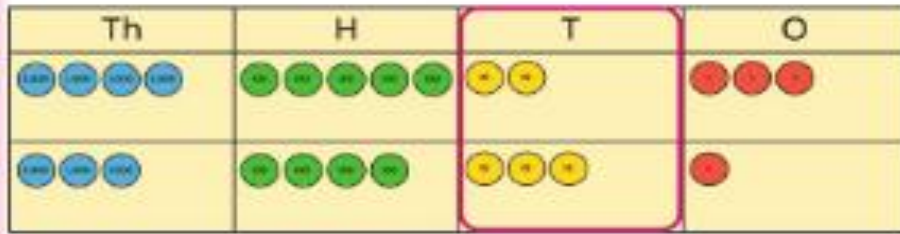
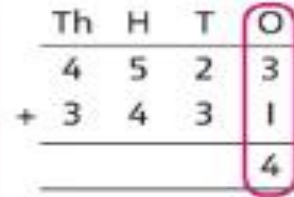
Are they under the limit?

Show this on a number line.

Solve the discover  
questions but you  
don't have to write  
them down.

# Share

a) Add the columns from the right, starting with the 1s.



Read the Share page to understand how to find the answers.

$4,523 + 3,431 = 7,954$ . The luggage weighs 7,954 g in total.



b)

7,954

6,000 7,000 8,000 9,000 10,000

$7,954 < 9,000$ . They are under the weight limit.

3 Two suitcases weigh 7,777 g in total. Fill in the missing digits to show how much the second suitcase weighs.

Th	H	T	O
3	4	5	2
+			
7	7	7	7

Th	H	T	O
●●●	●●●●	●●●●●	●●
●●●●●●	●●●●●●	●●●●●●	●●●●●●

$3,452 + \square = 7,777$

### Think together

1 How much do the two bags weigh in total?



Th	H	T	O
●●●	●	●●●●	●●

Th	H	T	O
●●	●●●		●●●●

Th	H	T	O
3	1	4	2
+			
2	3	0	6
_____			

$\square + \square = \square$

The two bags weigh  $\square$  g in total.

2 Compare the total weight of each pair of bags. What do you notice?



Th	H	T	O
2	5	2	5
+			
1	2	3	4
_____			



Th	H	T	O
1	5	3	5
+			
2	2	2	4
_____			

4  $4,521 + 346 = \square$

Th	H	T	O
4	5	2	1
+			
3	4	6	
_____			
7	9	8	1

$4,521 + 346 = 7,981$

I made sure the digits lined up.



Show the mistake Dexter has made using place value equipment. What is the correct addition?

Read the questions and write answers in your journal.

# Practice Book Task

Now go to page 67 in your Power Maths Practice Book and answer the questions on p67, p68 and p69.

Good Luck! 