







# Counting in 10s, 100s, 1,000s, 10,000s

1 Bella makes a number on a place value grid.

HTh	TTh	Th	H	T	O
					 

a) What number has Bella made?

b) What is 10,000 more than Bella's number?

c) Bella adds a 100s counter to the place value grid.

What number has Bella made now?

d) Bella removes a 10,000s counter from the place value grid.

What number does Bella have now?

2 Complete these sequences by adding the missing numbers.

a)  140,000 ,  150,000 ,  160,000 ,  ,  ,  
 ,

b)  96,000 ,  ,  98,000 ,  99,000 ,  ,  
 ,

c)  ,  760,500 ,  760,600 ,  ,  ,  
 760,900 ,

3 Complete these sequences by adding the missing numbers.

a) 108,150, 208,150, , , , 608,150,

b) 535,420, 545,420, , , ,

c) 751,087, , , 751,117, ,

4 Complete the sequence in three ways.

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 720,000, \_\_\_\_\_  
 \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 720,000, \_\_\_\_\_  
 \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 720,000, \_\_\_\_\_

5 Complete the table below for the number 795,104.

100,000 less		100,000 more	
10,000 less		10,000 more	
1,000 less		1,000 more	
100 less		100 more	
10 less		10 more	

6 Complete the following sentences.

a) 100,000 more than 777,777 is .

b) 10,000 less than 444,444 is .

c) 1,000 more than 555,555 is .

7 Complete the following sentences.

a) 100,000 more than 725,007 is .

b) 10,000 more than 174,512 is .

c) 1,000 less than 870,300 is .

d)  is 10,000 more than 372,150.

e) 492,107 is 100,000 more than .

f) 183,512 is 1,000 less than .

8 Here is some information about three number cards, labelled A, B and C.

- A is 100,000 more than B.
- C is 10,000 more than B.
- C is 1,000 less than 37,928.




Use all of the information to work out the values of A, B and C.

A =

B =

C =

**CHALLENGE**

## Reflect

Will it take longer to count in 100s from 100,000 to 200,000 or to count in 10,000s? Explain your answer.

• \_\_\_\_\_

• \_\_\_\_\_

• \_\_\_\_\_

• \_\_\_\_\_