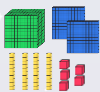


To be able to read, represent and write numbers up to 100,000



#### Starter:

Which one doesn't belong?



one thousand,  
two hundred and forty-five

**MCCXXXIV**



To be able to read, represent and write numbers up to 100,000



#### Activity 1:

A number is represented in the place value chart below.

10,000s	1,000s	100s	10s	1s
4	2	1	3	5

Writing in numerals and words...

What is the number +1?

What is the number -10?

What is the number +1,000?

What is the number -10,000?

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#### Activity 2:

Complete the grid below.

counters	part-whole model
53,061	
number line	bar model

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#### Activity 3:

Complete the number sentences below.

$$67,000 = 60,000 + \square$$

$$\square = 20,000 + 3,200 + 370$$

$$86,590 = \square + 1,300 + \square$$

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#### Activity 4:

Below are three ways of partitioning 45,670.

45 thousands, 6 hundreds and 7 tens.

456 hundreds and 7 tens.

4 ten thousand, 56 hundreds and 7 tens.

Think of three more ways.

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#### Activity 5:

I have been counting backward and forwards from 0 in 25s.

Underline the numbers I would say out loud.

<u>75</u>	<u>-2,775</u>	<u>-125</u>
<u>777</u>	<u>22,250</u>	<u>55</u>
<u>-4,040</u>	<u>1,225</u>	<u>5,750</u>

Explain why I wouldn't say the non-underlined numbers.

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MathShed

Evaluation:

I placed 3,410, 3,550 and 3,700 on the number line to my right. How did I do?



Can you spot Astrobee's mistakes?  
What would you do to correct the mistakes?