

To be able to read, represent and write numbers up to 1,000,000

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Starter:
Which one doesn't belong?
five hundred and fifty thousand,
five hundred and fifty-five
CMXCV

Can you think of more than one possible response?
Explain your answer.

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Activity 1:
Using place value counters, make and sketch the following numbers:
120,879 753,042 908,716 a number of your choosing

thousands		ones		
	H	T	O	

thousands		ones		
	H	T	O	

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Activity 2:
Complete the part-whole diagrams below

567,891		987,654
450,000		980,000
		7,500
890		
1		

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Activity 3:
If I were to add three more counters to the thousands column, what would my number be?
If I were to take five counters away from the ten thousands column, what would my number be?

thousands		ones		
	H	T	O	
●●●●●	●●●●●	●●●●●	●●●●●	●●●●●
●●●●●	●●●●●	●●●●●	●●●●●	●●●●●

thousands		ones		
	H	T	O	
●●●●●	●●●●●	●●●●●	●●●●●	●●●●●
●●●●●	●●●●●	●●●●●	●●●●●	●●●●●

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Activity 4:
The part-whole models show a pattern, complete the empty models below:

50,000	50,000	50,000	50,000	50,000
20,000	25,000	30,000		
	25,000	20,000		

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Activity 5:
What is the value of the digit 9 in the numbers below?

29,750 **932,475** **745,398**

Use the following sentence stem:
The digit 9 is in the _____ place. It is worth _____.

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Evaluation:

In the number on the right, the digit 5 is worth 50,000.

1,543,278



Do you agree with Astrobee?
Explain your answer.