

Maths lesson 3. To find 100, 1000, 10,000 more or less than a given number.

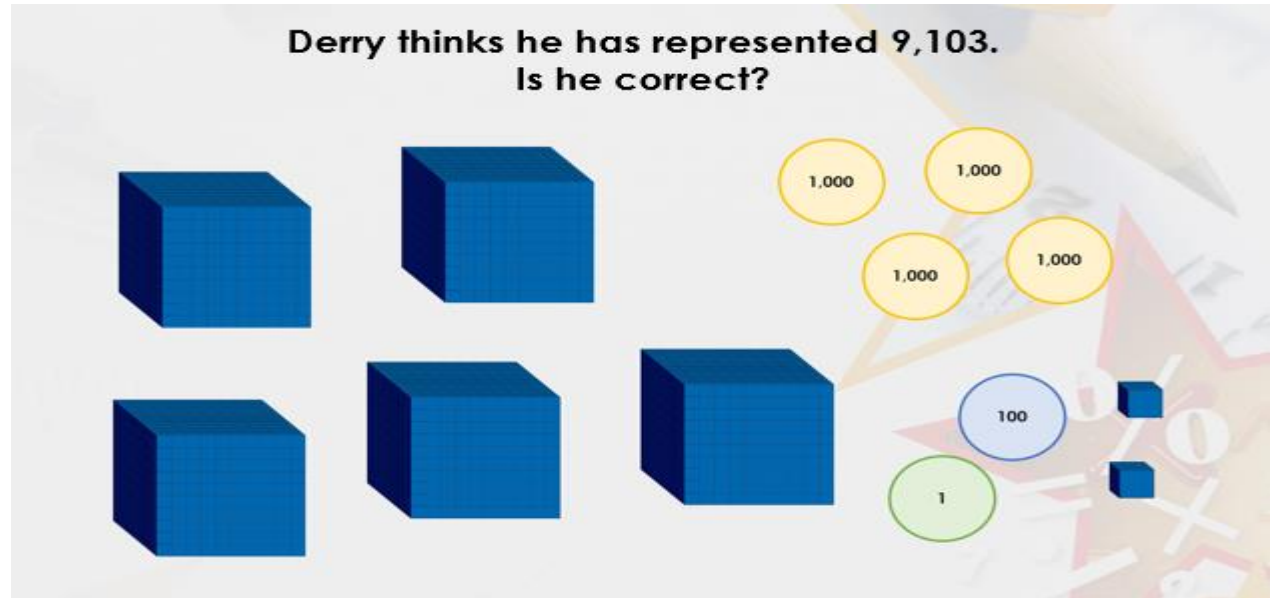


What is the largest number you can make with these digit cards?

What is the smallest number you can make?

What is the smallest odd number you can make?

What is the largest even number you can make?



Complete the sequence.

____, ____, 2, ____, 22, ____, 42, ____, ____, 72

The rule for the sequence is _____.

Circle and correct the mistake in each sequence.

- 7,875, 8,875, 9,875, 11,875, 12,875, 13,875, ...
- 864,664, 764,664, 664,664, 554,664, 444,664, ...

Here is a Gattegno chart showing 32,450

Cards

1	2	3	4	5	6	7	8	9	+10	-10
10	20	30	40	50	60	70	80	90	+100	-100
100	200	300	400	500	600	700	800	900	+1,000	-1,000
10,000	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000	+10,000	-10,000

Look to the significant digit. If you are finding ten more or less, you look at the tens column.
Hundred more or less, the hundreds column.

If you count 10, 000 more or less, you look at the ten thousands column

	<i>hundreds</i>	<i>tens</i>	<i>ones/units</i>			
<i>hundred</i>	<i>ten</i>	<i>unit</i>	<i>hundred</i>	<i>ten</i>	<i>unit</i>	<i>hundred</i>
<i>millions</i>			<i>thousands</i>			<i>ones</i>
<i>M</i>	<i>HTh</i>	<i>TTh</i>	<i>Th</i>	<i>H</i>	<i>T</i>	<i>U</i>
1 000 000	100 000	10 000	1 000	100	10	1

Count in 10 000s backwards from 264 872

Count in 10 000s backwards from 264 872

Digit changes when 100 000 boundary is crossed

264 872

Digits stay the same when the number is positive

Digit changes every step because this is the step size

264 872, 254 872, 244 872, 234 872, 224 872, 214 872, 204 872, 194 872 ...

10,000 less	1000 less	100 less	Number	100 more	1000 more	10,000 more
			52, 364			
			21, 461			
			35, 728			
			65, 193			
			124, 635			