To be able to find 1, 10 and 100 more or less than a given number - Questions

1. Find 1, 10 and 100 more than these numbers using place value counters

a. 542

b. 833

Find 1, 10 and 100 less than these numbers using place value counters.

c. 342

d. 837

e. What happens when you take 10 from 109? Why might this be more difficult?

2.

100 less	10 less	1 less	Number	1 more	10 more	100 more
			875			
			200			
		854				

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3. Can you complete the sequences?

a. 452, 442, ___, ___, ___

b. 210, ___, 212, ___, ____

c. 987, ___, ___, 687, ___

d. Mathstronaut says, "I add 100, subtract 10, add 1 and finally subtract 100. My number is 315. What number did I start with?" Explain how you answered.

e. Mathstronaut thinks that 10 more than his number is 100 less than 420. Is he correct? Explain how you know.

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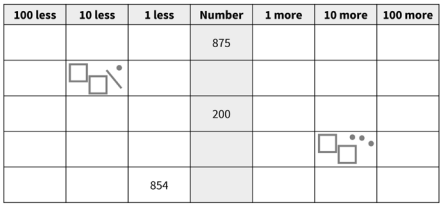
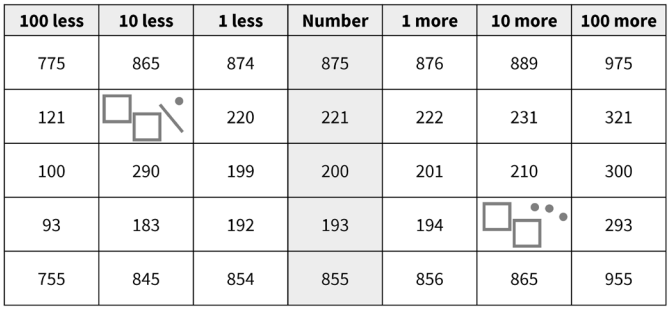
To be able to find 1, 10 and 100 more or less than a given number - Answers

Question No.	Question	Answer
1	Find 1, 10 and 100 more than these numbers using place value counters	a. 543, 552, 642 b. 834, 843, 933
	Find 1, 10 and 100 less than these numbers using place value counters.	c. 341, 332, 242 d. 836, 827, 737
	What happens when you take 10 from 109? Why might this be more difficult? Explain.	e. 99. It is more difficult because you have to exchange 1 one hundred for 10 tens. Or the hundreds column becomes 0 and the tens column changes value rather than the hundred column.
2		
3	Can you complete the sequences?	a. 432, 422, 412 b. 211, 213, 214 c. 887, 787, 587
	Mathstronaut says, “I add 100, subtract 10, add 1 and finally subtract 100. My number is 315. What number did I start with?” Explain how you answered.	d. Work backwards: 315 +100 = 415 415 - 1 = 414 414 + 10 = 424 424 - 100 = 324
	Mathstronaut thinks that 10 more than his number is 100 less than 420. Is he correct? Explain how you know.	e. Yes as 100 less than 420 is 320. 10 more than 310 is 320.

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