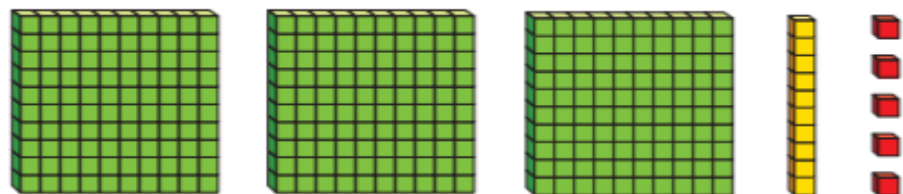


- 1 Annie makes a number using base 10



- a) What number has Annie made?
b) What is 100 more than Annie's number?
c) What is 10 more than Annie's number?
d) What is 1 more than Annie's number?

- 2 What number is represented?

Hundreds	Tens	Ones

- a) What is 100 more than the number?
What is 10 more than the number?
What is 1 more than the number?
b) What is 100 less than the number?
What is 10 less than the number?
What is 1 less than the number?

- 3 What is 100 more than each of these numbers?

a) 700 b) 385 c) 590 d) 47

- 4 What is 10 more than each of these numbers?

a) 362 b) 180 c) 703 d) 695

- 5 What is 10 less than each of these numbers?

a) 789 b) 245 c) 300 d) 404

- 6 Complete the sentences.

a) 100 more than 763 is

b) is 100 more than 765

c) is 100 less than 503

d) 1 less than 300 is




e) 10 less than 109 is

f) is 10 less than 972

g) is 1 less than 699

Challenge 1

Dani uses counters to make this number.

Hundreds	Tens	Ones
		

- a) What number has Dani made?
b) Dani moves 2 of the counters.

Which of these numbers can she make?

233

613

800

215

224

Complete the table.

100 more	10 more	1 more	number	1 less	10 less	100 less
			473			
398						
					890	

Challenge 2

Create four 4-digit numbers to fit the following rules:

- The tens digit is 3
- The hundreds digit is two more than the ones digit
- The four digits have a total of 12

Example:

3	4	3	2
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 $(3+4+3+2 = 12)$

Use the clues to find the missing digits.

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The thousands and tens digit multiply together to make 36

The hundreds and tens digit have a digit total of 9

The ones digit is double the thousands digit.

The whole number has a digit total of 21

1	<p>a) Annie has made the number 315</p> <p>b) 100 more than Annie's number is 415</p> <p>c) 10 more than Annie's number is 325</p> <p>d) 1 more than Annie's number is 316</p>	4	<p>a) 372</p> <p>b) 190</p> <p>c) 713</p> <p>d) 705</p>
2	<p>The number represented is 492</p> <p>a) 100 more than the number is 592</p> <p>10 more than the number is 502</p> <p>1 more than the number is 493</p> <p>b) 100 less than the number is 392</p> <p>10 less than the number is 482</p> <p>1 less than the number is 491</p>	5	<p>a) 779</p> <p>b) 235</p> <p>c) 290</p> <p>d) 394</p>
		6	<p>a) 100 more than 763 is 863</p> <p>b) 865 is 100 more than 765</p> <p>c) 403 is 100 less than 503</p> <p>d) 1 less than 300 is 299</p> <p>e) 10 less than 109 is 99</p> <p>f) 962 is 10 less than 972</p> <p>g) 698 is 1 less than 699</p>
3	<p>a) 800</p> <p>b) 485</p> <p>c) 690</p> <p>d) 147</p>		

Challenge 1

Dani has made:

7	a) 413 b) 233, 215, 224
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100 more	10 more	1 more	number	1 less	10 less	100 less
573	483	474	473	472	463	373
398	308	299	298	297	288	198
1,000	910	901	900	899	890	800

Challenge 2

Possible answers:

5,331

1,533

7,230

4,098