Subtracting Hundreds from a 3-Digit Number

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LO: to subtract hundreds from a 3-digit number

Calculate the answer to the following:	Calculate the answer to the following:
1) 353 - 200 =	9) 268 - 200 =
2) 416 - 400 =	10) 416 - 100 =
3) 531 - 300 =	11) 547 - 300 =
4) 789 - 500 =	12) 346 - 100 =
5) 564 - 300 =	13) 564 - 400 =
6) 820 - 600 =	14) 893 - 600 =
7) 707 - 500 =	15) 507 - 500 =
8) 919 - 700 =	16) 919 - 400 =

Challenge

Take any 3-digit number. You can subtract 100, 200, 300 or 400 once each, but you must not go below 0.

e.g. 672 – 100 = 572, 572 – 300 = 272, 272 – 200 = 72.

100, 300 and 200 were subtracted to get to 72.

Can you always get to a number between or equal to 100 and 1?

If you use as many subtractions as possible, are there any patterns?

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LO: to subtract hundreds from a 3-digit number

Calculate the answer to the following:	Calculate the answer to the following:
1) 353 - 200 = 153	9) 268 - 200 = 68
2) 416 - 400 = 16	10) 416 - 100 = 316
3) 531 - 300 = 231	11) 547 - 300 = 247
4) 789 - 500 = 289	12) 346 - 100 = 246
5) 564 - 300 = 264	13) 564 - 400 = 164
6) 820 - 600 = 220	14) 893 - 600 = 293
7) 707 - 500 = 207	15) 507 - 500 = 7
8) 919 - 700 = 219	16) 919 - 400 = 519

Challenge

Take any 3-digit number. You can subtract 100, 200, 300 or 400 once each, but you must not go below 0.

e.g. 672 – 100 = 572, 572 – 300 = 272, 272 – 200 = 72.

100, 300 and 200 were subtracted to get to 72.

Can you always get to a number between or equal to 100 and 1?

If you use as many subtractions as possible, are there any patterns?

The principle of this activity is using 1, 2, 3 and 4 to make all numbers to 9 (1, 2, 3, 4, 4+1 or 3+2, 1+2+3 or 4+2, 1+2+4 or 3+4, 1+3+4, 2+3+4). Use these to make the required multiples of 100.