

Mobile subtractions

1. Use a mobile phone number display - like the one shown.
2. Select three numbers - they MUST touch by a side or a corner.

1	2	3
4	5	6
7	8	9
	0	

3. Re-arrange the three numbers to make a new three-digit number.

4. Subtract the smaller from the larger number.

5. Add the digits of the answer.

6. Repeat this at least 10 times!

Does it make any difference if the three-digit number has a 0 in it?

How about choosing the same digit twice, e.g. 353 or 989?

7. Does this work for two-digit numbers?
Or four-digit numbers?