

## Make a number

### Sheet 1

Use the following digits to make 3-digit numbers as instructed:



1. A number with seven 100s.
2. A number where the 10s digit is four.
3. A number with a 1s digit  $< 3$ .
4. A number with more than six 10s.
5. An even number between 200 and 300.
6. An odd number  $> 800$ .

Now order these numbers from smallest to largest:

     

#### Challenge

How many numbers are there between (but not including) 100 and 200 that have a seven in them?

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### Sheet 2

Use the following digits to make as many 3-digit numbers as you can.  
Now order them all from smallest to largest.

Start using these digits: 1, 5, 7, 0, 9, 3

#### Challenge

How many numbers are there between (but not including) 100 and 200 that do not have a seven in them?