

Mirrors

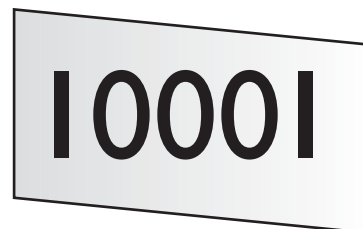
The number 181 looks the same in the mirror.

181



So does 10001 (if you ignore the commas or spaces we sometimes put in large number).

10001



How many numbers like this are there below a million?

There are other numbers that are symmetrical in terms of the digits used – but they don't look the same in a mirror.

131



How many numbers like this are there below a thousand.