**Instructions**

An [**Armstrong number**](https://en.wikipedia.org/wiki/Narcissistic_number) is a number that is the sum of its own digits each raised to the power of the number of digits.

For example:

* 9 is an Armstrong number, because 9 = 9^1 = 9
* 10 is *not* an Armstrong number, because 10 != 1^2 + 0^2 = 1
* 153 is an Armstrong number, because: 153 = 1^3 + 5^3 + 3^3 = 1 + 125 + 27 = 153
* 154 is *not* an Armstrong number, because: 154 != 1^3 + 5^3 + 4^3 = 1 + 125 + 64 = 190

Write some code to determine whether a number is an Armstrong number.