Exercise #1: *The Game of the Doors*

There are 100 closed doors.

In front of the doors there are 100 elves. The first elf opens all doors.

The second elf closes all those multiple of 2.

The third elf goes to multiple ports of 3, closes the open doors, opens those closed.

The fourth elf does the same with multiple ports of 4. And so on until the 100th elf.

Question:

1. How many doors remain open at the end?