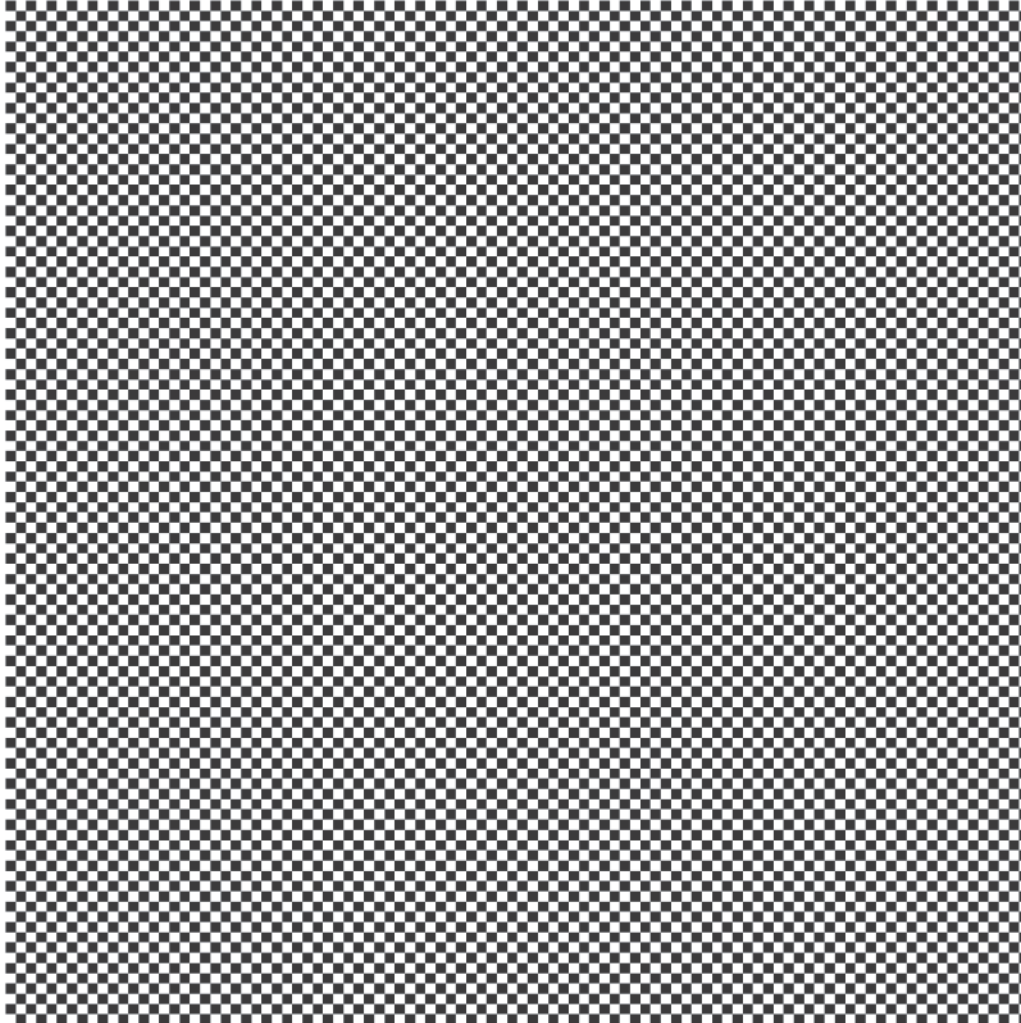


How many black squares are there in this square pattern?



Hint: how many black squares are in this pattern?



Print out some more copies of this pattern. How many of these patterns do you need to have a million black squares?

If you had as many copies of this pattern as there are black squares in it, how many black squares would you have?

How does that number compare to some others, like the number of people in your state or country?

There are about 8.2 billion people alive today. How much room would be taken up by 8.2 billion of these small black squares?