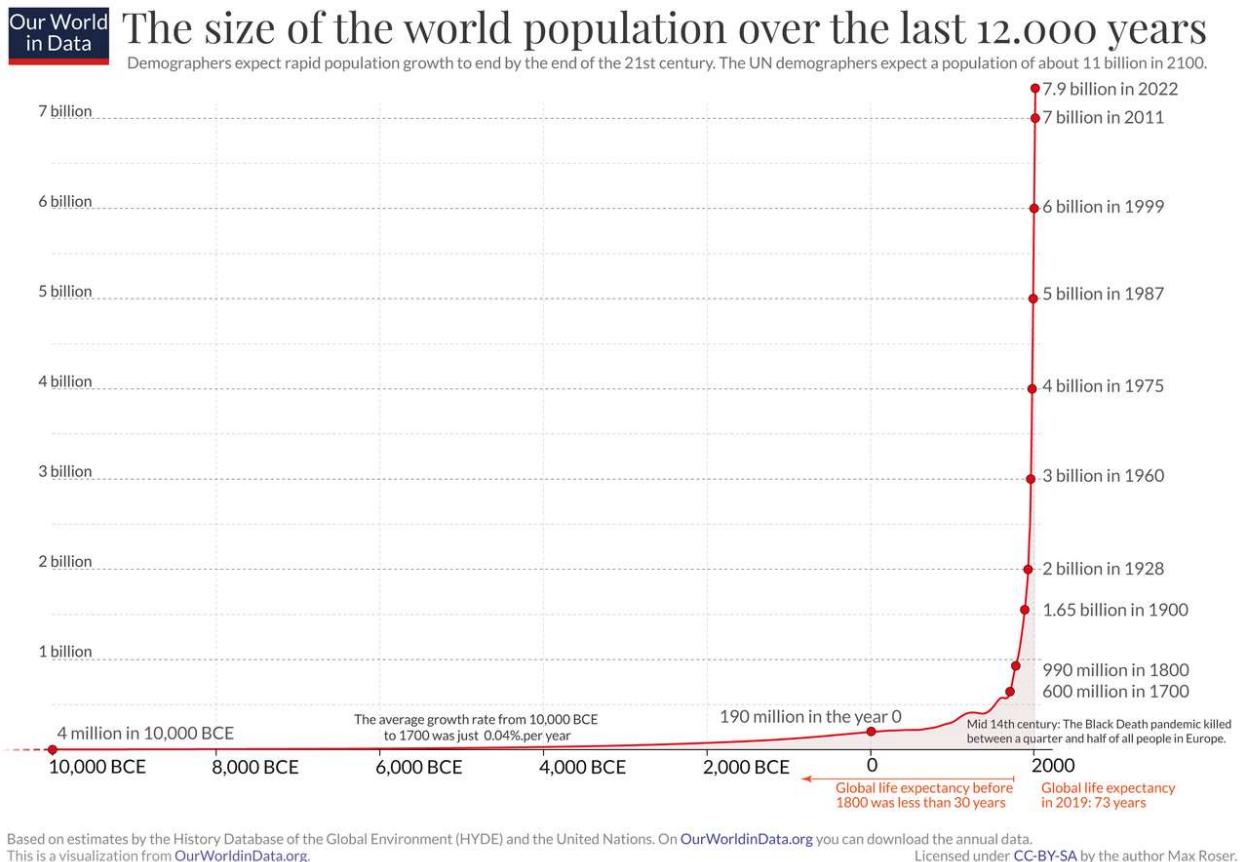


Day of 8 Billion

- Today's Date: November 15, 2022
- Number Visualizations
 - Write the numeral for 8 billion: 8,000,000,000
 - 1 cup of uncooked rice has approximately 8000 kernels. That means you would need a million cups of rice to equal 8 billion.
 - If you wanted to spend 1 second shaking hands with every Canadian (38.25 million), it would take you 443 days (1 year & 2.5 months). Should you desire to do the same with every person on the planet, it would take you 92,593 days (253 years & 8 months).
 - Dots: <https://medium.datadriveninvestor.com/heres-what-one-billion-dollars-looks-like-b9947c0e8794> (see print out beginning on p. 4 below)
- The UN estimates that the world population reached 7 billion on October 31, 2011.
 - That means it grew by 1 billion people in only 11 years.
 - In that amount of time, there were only 348, 192,000 seconds. This means the population grew by about 3 people every second.
 - Watch the population grow here: <https://www.worldometers.info/watch/world-population/>
 - Note how impossible the hand-shaking task would be...



Population is expected to top out at around 10 or 11 billion at the end of the current century, before it will begin declining.

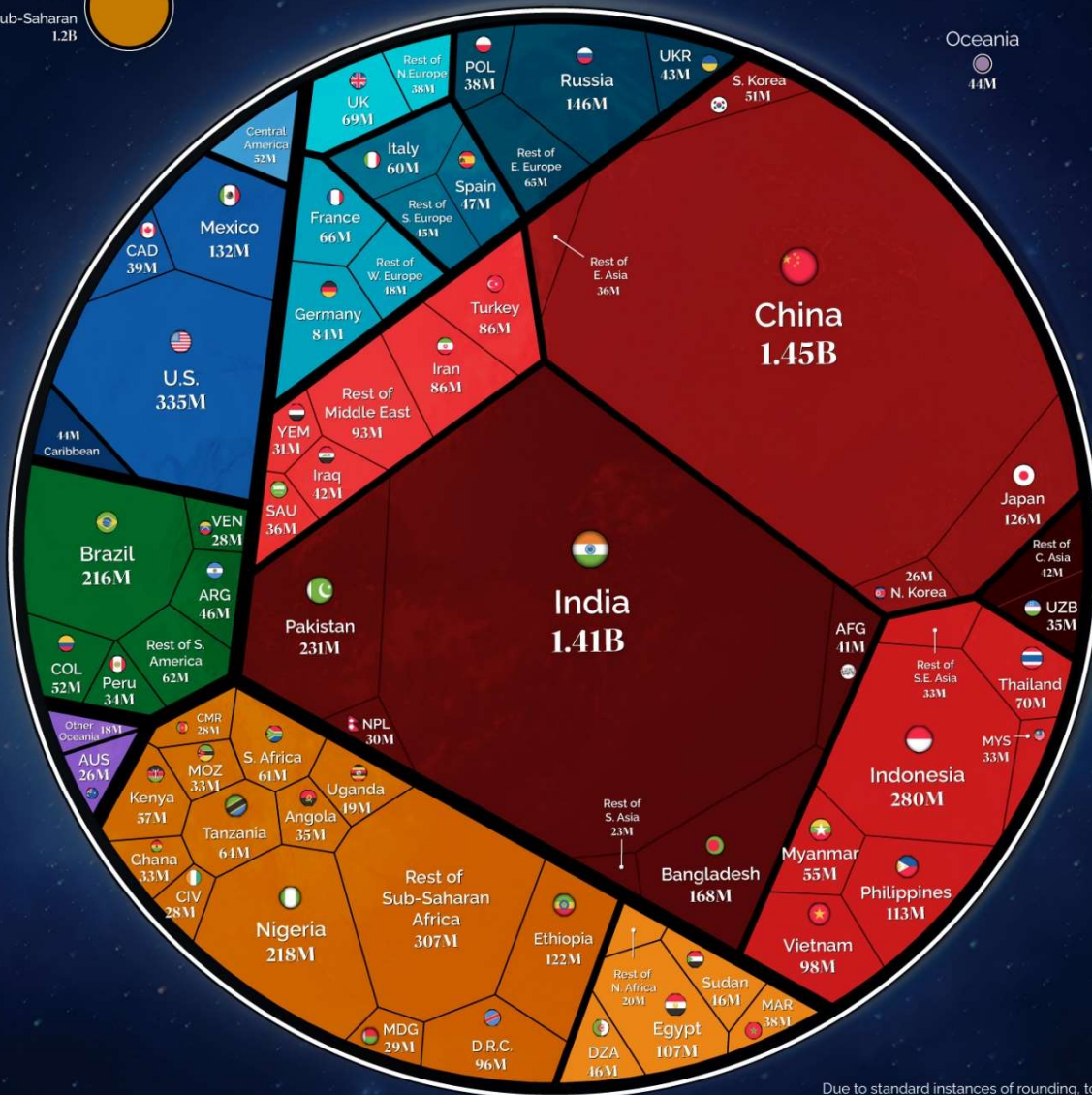
Discuss what has caused population growth? Increased life expectancy, exponential growth, nutrition, peace, health

What is causing growth to slow? Families choosing to have smaller families as nations develop



World's Population at 8 BILLION PEOPLE

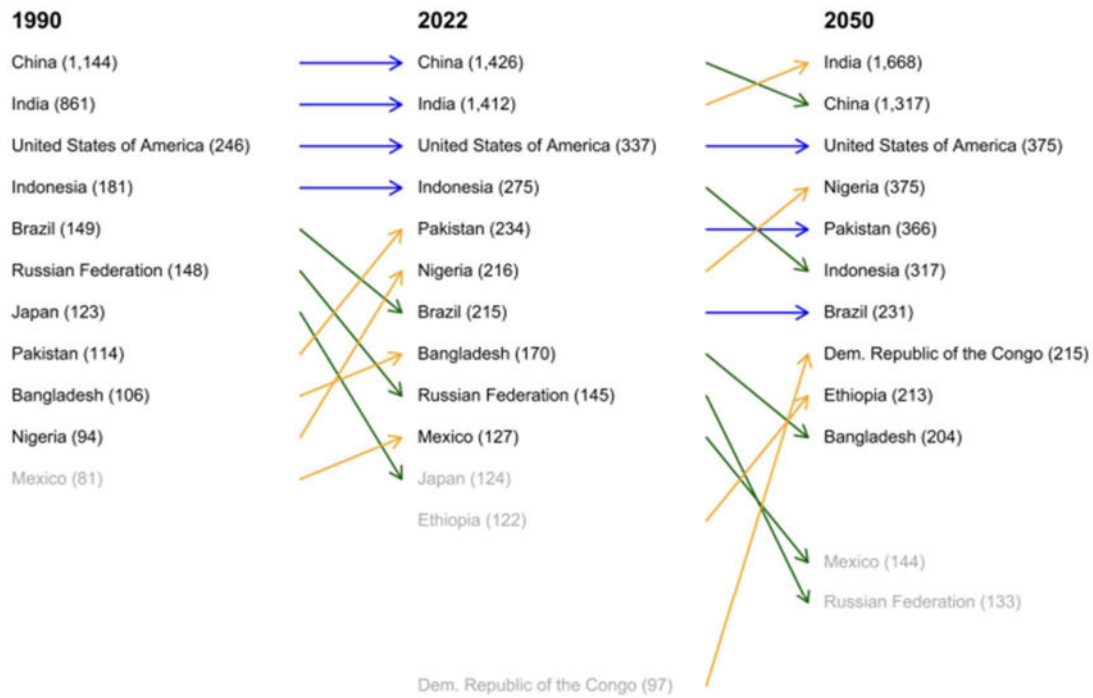
Around November 2022, the world will reach a pivotal milestone—8 billion global population. What is the distribution of this population, by region and country?



Due to standard instances of rounding, totals may not add up perfectly to regional sums.

Source: UN Population Division, 2022.

Rankings of the world's ten most populous countries, 1990 and 2022, and medium scenario, 2050 (numbers in parentheses refer to total population in millions)



Source: UN

See listings of largest countries in 1950, 2022, and 2050.

<https://www.worldometers.info/population/most-populous-countries/#past>

note how rapidly some African nations have grown compared to Western countries.

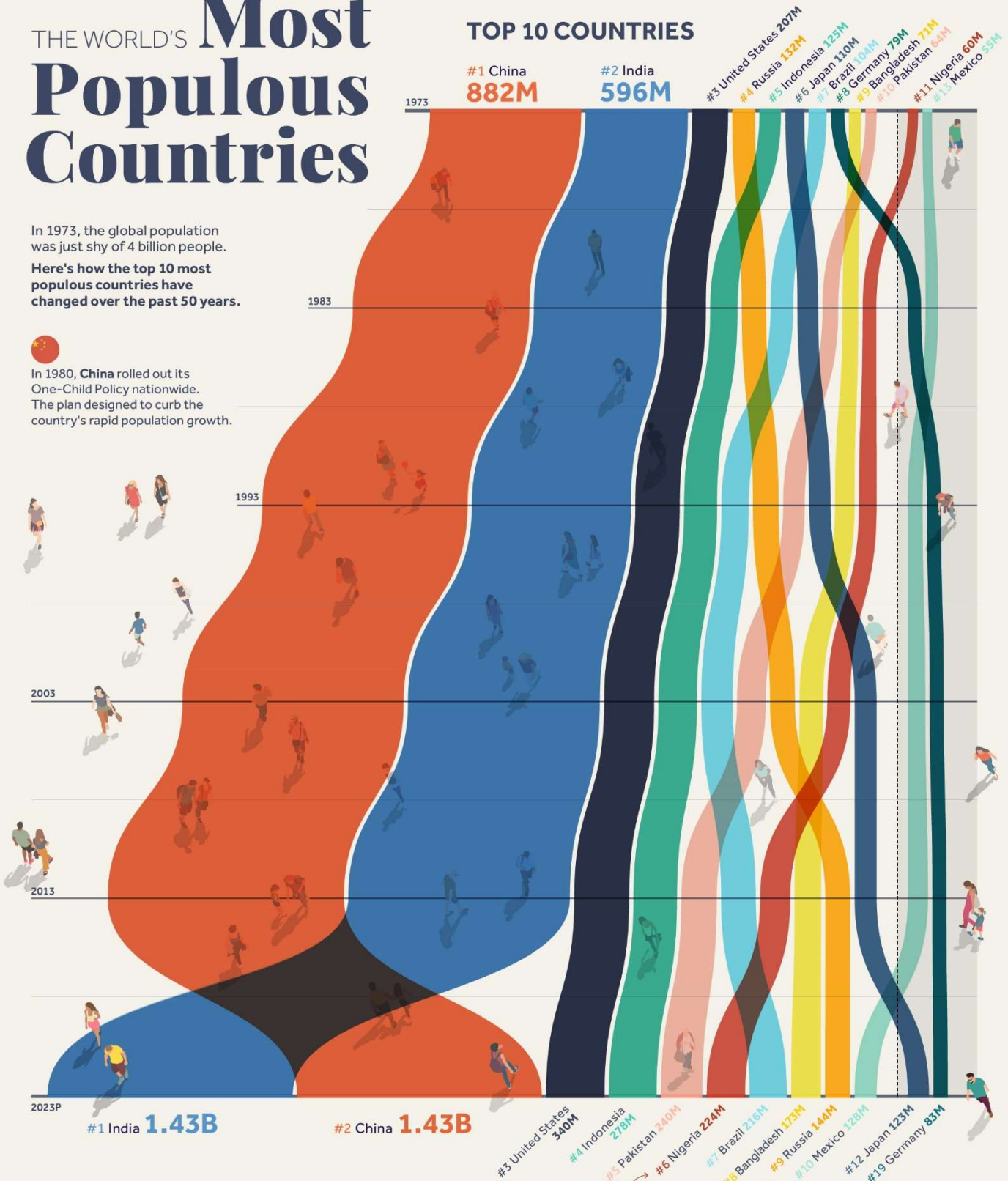
THE WORLD'S Most Populous Countries

In 1973, the global population was just shy of 4 billion people.

Here's how the top 10 most populous countries have changed over the past 50 years.


 In 1980, **China** rolled out its One-Child Policy nationwide. The plan designed to curb the country's rapid population growth.

TOP 10 COUNTRIES



 In 2023, a historic shift is expected to occur, with **India** becoming the world's most populous country.

 One of the biggest shifts over the past 50 years has been the rise of **Nigeria's** population. The country could surpass the U.S. by the mid-2040s.

 **Germany**, once one of the world's most populous countries, has dropped all the way down to 19th position.

Source: <https://population.un.org/wpp/>





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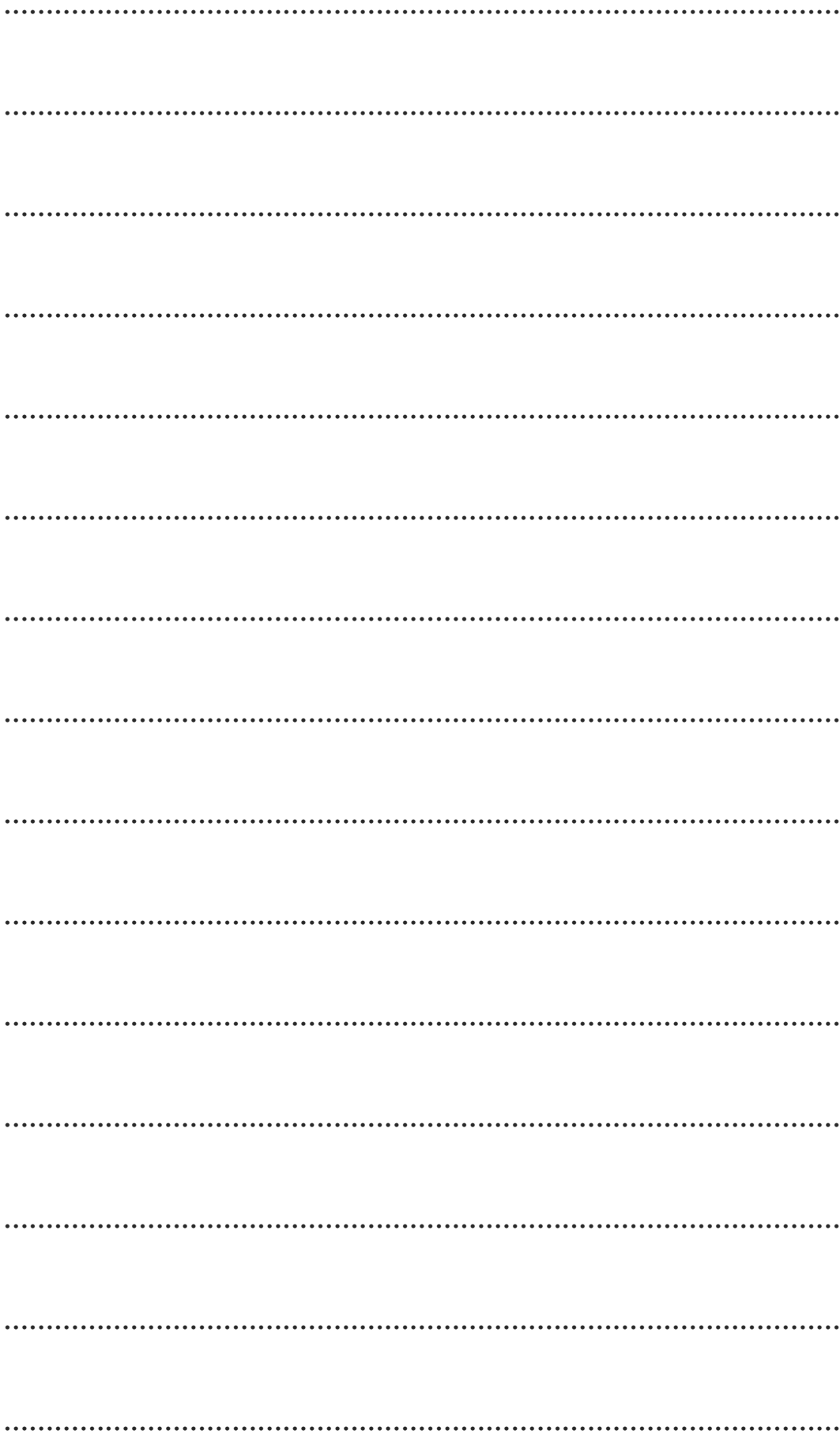
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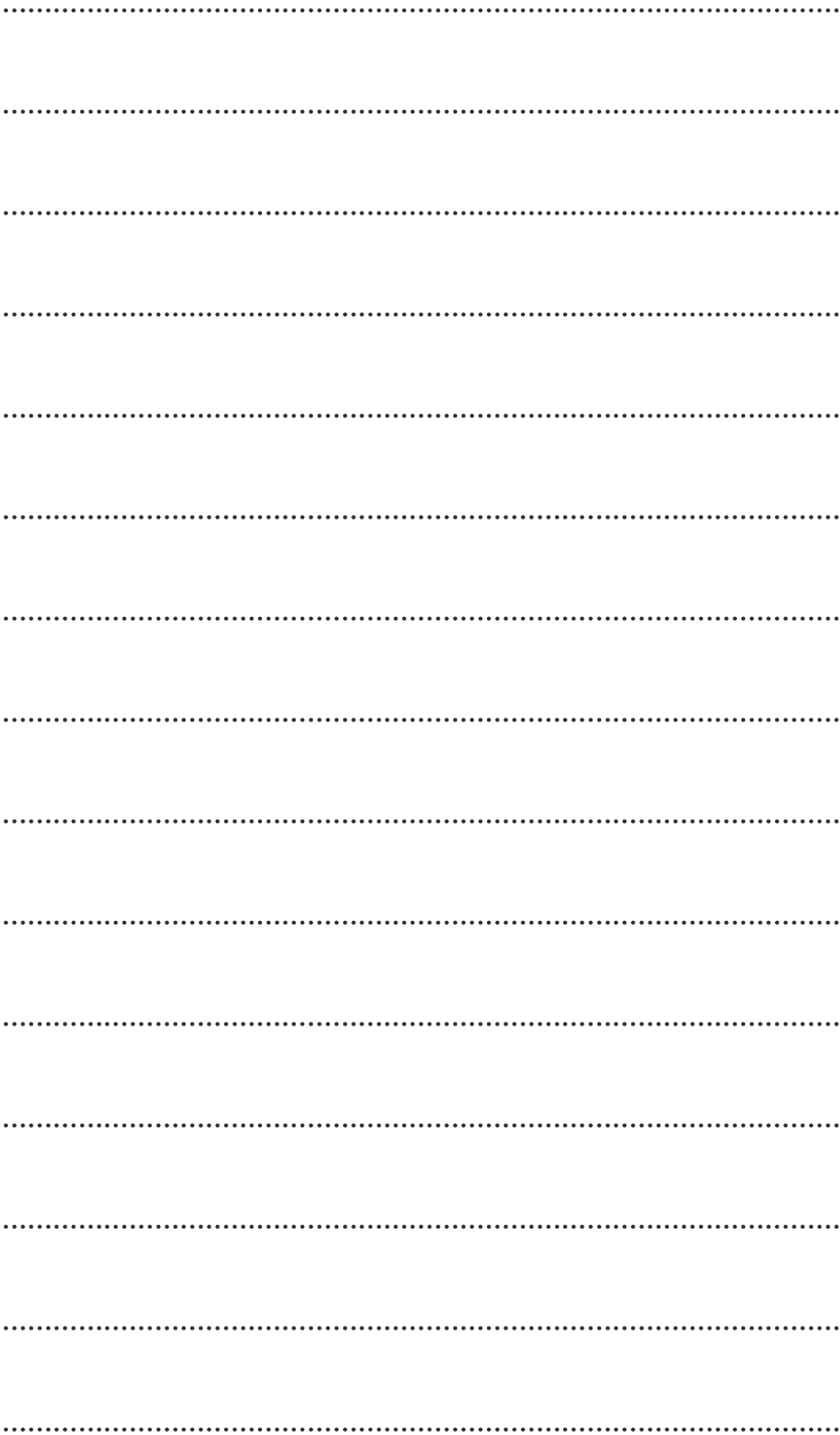
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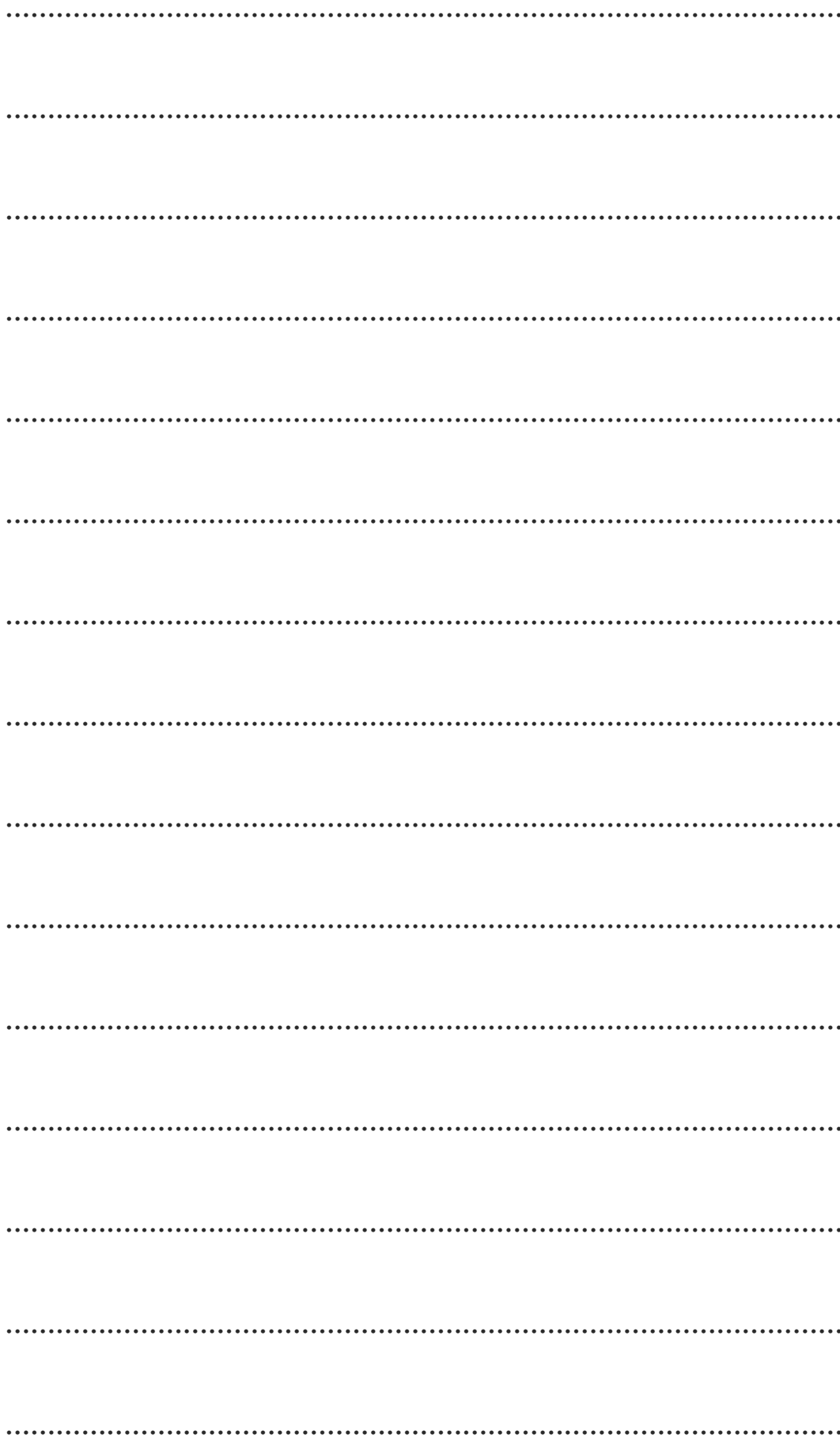
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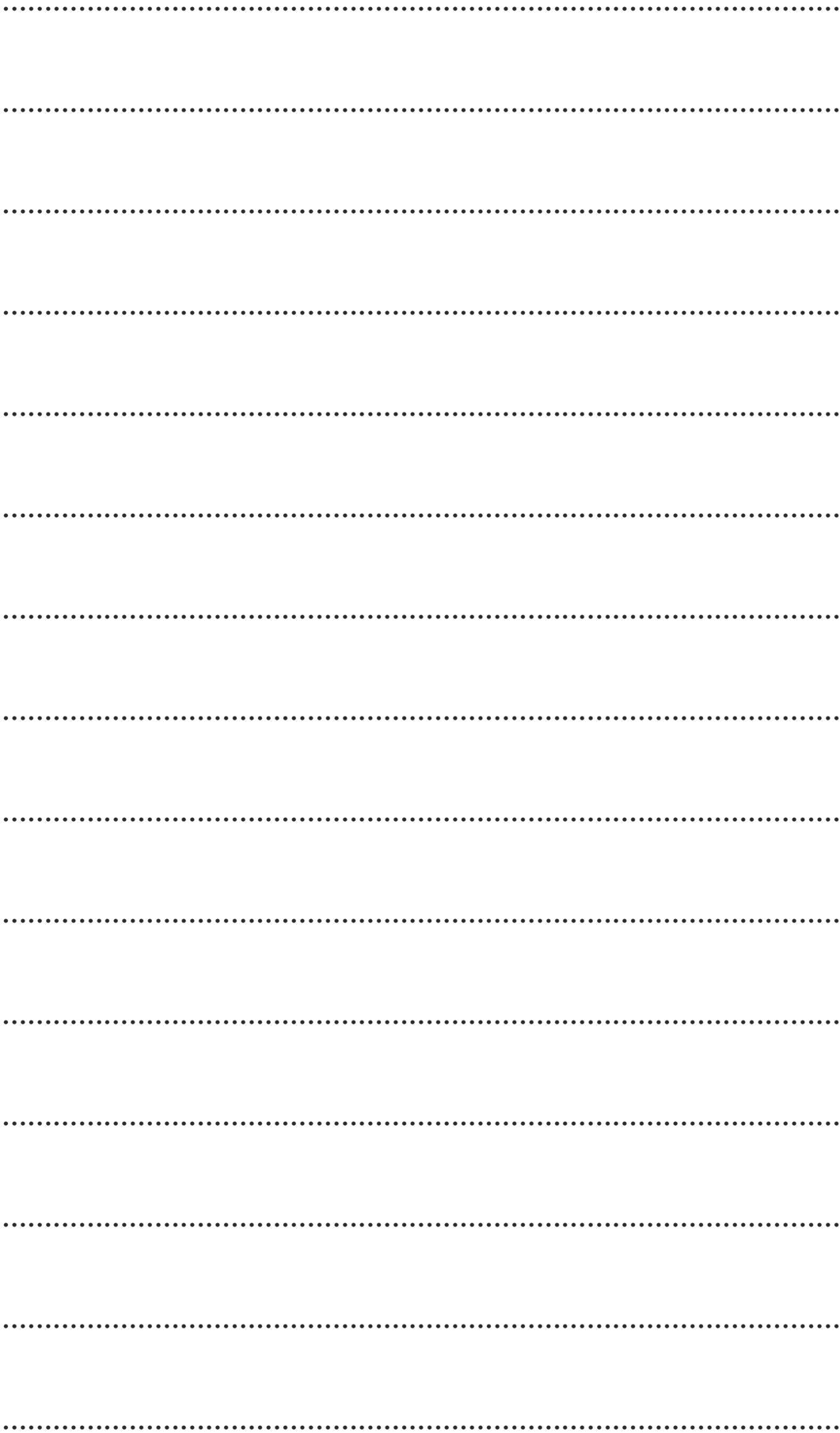
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