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# Hunter's First Estimathon<sup>®</sup> / Problems

Estimate each of the following.

1. If an Olympic sized swimming pool was filled entirely with whole milk, how many calories would the pool contain?
2. How many words are contained in J.D. Salinger's book "The Catcher in the Rye"?
3. From April 2018 to March 2019, how many people set foot in Antarctica?
4. As of Dec 31st, 2018, how many followers did Lady Gaga have on Instagram?
5. What is the (average) ratio between the number of red blood cells produced in one minute, to the number of blinks in one minute, for an adult male?
6. What is the area, in square feet, of the triangle formed by the 3 McDonald's restaurants located closest to Hunter College High School?
7. In 2020, how many people living in the U.S. had a subscription to Youtube Premium?
8. If the names of all the countries of the world were concatenated to form the name of a single "PANGEAN COUNTRY", how many vowels would this word contain?<sup>1</sup>
9. Determine the quotient: the box office earnings (unadjusted for inflation) for "Frozen", divided by the total number of indoor cinemas in 2013.
10. If you stacked American quarters to the top of the Burj Khalifa, how much money would you have in Euros?<sup>2</sup>
11. As of 2017, how many hospitals were there in American states that touch the Pacific Ocean.
12. How many emails are sent per day from the United States?<sup>3</sup>
13. In 2014, how many museums were located in the United States?

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<sup>1</sup> the letter "y" is not considered a vowel

<sup>2</sup> the appropriate conversion was made using the USD-Euro rate at 11:00am EST, today

<sup>3</sup> any questions that do not specify a certain time frame can be assumed to refer to the current date

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ANSWER KEY:

1. 1.518 billion
2. 73,404
3. 55,489
4. 31.7 million
5. 8.0 million
6. 1,776,156
7. 20.0 million
8. 1,104
9. 240,330
10. 118,523
11. 725
12. 9.7 billion
13. 35,144