

Do you understand what a “95% confidence interval” means?

For each of the following 20 questions, provide a range that you are 95% confident includes the correct answer.

Q1: Distance from earth to nearest star (excluding sun), in light-years

95% confidence interval: [_____ , _____]

Q2: GDP of Mongolia, in USD

95% confidence interval: [_____ , _____]

Q3: Height of tallest man in recorded history, in inches

95% confidence interval: [_____ , _____]

Q4: Depth of deepest part of Pacific Ocean, in meters

95% confidence interval: [_____ , _____]

Q5: Average distance from earth to moon, in miles

95% confidence interval: [_____ , _____]

Q6: Population of Russia in 2019

95% confidence interval: [_____ , _____]

Q7: Maximum number of passengers carried on Emirates A380 aircraft (two-class layout)

95% confidence interval: [_____ , _____]

Q8: Number of passengers who died on the Titanic

95% confidence interval: [_____ , _____]

Q9: Market capitalization of Apple on the day Steve Jobs died, in USD

95% confidence interval: [_____ , _____]

Q10: Fastest lap time in an F1 car around the Monaco circuit, in min:sec

95% confidence interval: [_____ , _____]

Q11: Number of regular season goals scored by Wayne Gretzky in his NHL career
95% confidence interval: [_____ , _____]

Q12: NASAs budget for the year 2019, in USD
95% confidence interval: [_____ , _____]

Q13: Number of Big Macs sold globally in a year (on average) by McDonalds
95% confidence interval: [_____ , _____]

Q14: Number of students from China attending U.S. colleges in the 2018-2019 academic year
95% confidence interval: [_____ , _____]

Q15: Total number of passengers flying domestically on U.S. airlines in 2019
95% confidence interval: [_____ , _____]

Q16: Amount of coal produced by U.S. mines in 2019, in pounds
95% confidence interval: [_____ , _____]

Q17: Breeds eligible to compete at the 144th Westminster Kennel Dog Show
95% confidence interval: [_____ , _____]

Q18: Number of total worldwide searches processed by Google each day
95% confidence interval: [_____ , _____]

Q19: Full weight (including planes, ammunition, people) of a Nimitz-class aircraft carrier, in pounds
95% confidence interval: [_____ , _____]

Q20: Number of times that the name "Jesus" appears in the King James bible
95% confidence interval: [_____ , _____]