

Answers

A1: 4.2441 light years away [[Proxima Centauri](#)]

A2: \$13,637,000,000 [[IMF Statistic](#)]

A3: 107 inches [[Robert Wadlow, the Giant of Illinois](#)]

A4: 10,984 meters [[Challenger Deep measurement](#)]

A5: 237,674.5 miles away [[NASA number](#)]

A6: 145,872,256 people [[Worldometers number](#)]

A7: 615 seats [[Layout: Two Class, Flat Bed Business \(Rows 6-23\), Standard Economy \(Rows 24-88\)](#)]

A8: 1,517 people [[Titanic stat](#)]

A9: \$351.5 billion [... [market cap was...](#)]

A10: 1:14.260 min:sec [[Max Verstappen, 2018 Monaco Grand Prix](#)]

A11: 894 goals [[The Great One's NHL stats](#)]

A12: \$19,653,000,000 [[2019 Budget overview](#)]

A13: 550,000,000 Big Macs [[McDonald's suggests...](#)]

A14: 369,548 students 2018/2019 academic year [[students from China](#)]

A15: 811,400,000 passengers [[US Bureau of Transport Statistics](#)]

A16: 1,410,518,000,000 pounds (short tons converted to pounds) [[US Coal numbers](#)]

A17: 205 breeds and varieties [[Westminster Kennel Club](#)]

A18: 3,500,000,000 searches per day [[Google Search stats](#)]

A19: 226,679,700 pounds (full displacement, from long tons to pounds) [[Navy wayback](#)]

A20: 942 times/instances [[King James Bible online](#)]

Interpreting your results

If you did the exercise correctly, you will have correctly captured the answer in your ranges exactly 19 out of 20 times. No more, no less.

If you got 10 correct (that is, for 10 questions your range include the correct answer), it means you actually produced a 50% confidence interval. In other words, you did not use a large enough range to provide 95% confidence.

If you got 12 correct, it means you produced a 60% confidence interval, again, too small a range to provide 95% confidence.

And so on.

And in the unlikely event that you got all 20 correct (that is, for every question your range included the correct answer), it means you produced a 100% confidence interval. Translated another way, it means you created too large a confidence interval.