Provide a 90% confidence interval for each of the following quantities:

Question	Interval	Actual	Captured?
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			

1. The height (in feet) of the Statue of Liberty (including the pedestal). *305 feet*

2. The land area of the country of Singapore (in square miles) *276 square miles*

3. The percentage of US Presidents who were lawyers. *57*

4. The length (in miles) of the Great Wall of China. *5,500 miles*

5. The population of Baltimore. *621,342*

6. The average flow rate (in cubic meters per second) of water over Niagara Falls. *2,400*

7. The length (in miles) of the Nile River. *4,258 miles*

8. The average number of times that lightning strikes the Earth in a year. *1.4 billion*

9. The average length of circulation (in years) of a $1 bill. *5.9 years*

10. The number of floors in the tallest building in Vermont. *11*

11. The number of words in Webster's English Dictionary. *470,000*

12. The number of undergraduate students enrolled at Smith in Fall 2013. *2606*

13. The number of pounds of cheese consumed per person each year in Greece. *68*

14. The number of *Thriller* albums sold worldwide. *57 million*

15. The number of viewers of *American Idol* finale in 2011. *29 million*

16. The number of plays written by Shakespeare. *40*

17. The average weight of a cow in pounds.*1350*

18. The height of the General Sherman sequoia tree. *275*

19. The year the gasoline combustion engine was invented. *1859*

20. The number of states in India. *29*

21. The record low temperature recorded in the state of Hawaii. *15*