

# Estimation Test

How good are you at estimating? This test is designed to find out. Your task is to answer each of the ten questions below by giving a range in which you are 90% certain that the exact answer lies within the range you set. If you do this correctly, you should miss one of the ten questions below.

1. How much does the Statue of Liberty (without the base) weigh? Include the entire statue that is above the base.

ANSWER: I'm 90% certain the answer is between \_\_\_\_\_ and \_\_\_\_\_ tons.

2. How many books are in the King James Bible?

ANSWER: I'm 90% certain the answer is between \_\_\_\_\_ and \_\_\_\_\_ books.

3. How much does an empty Boeing 747 airplane weigh?

ANSWER: I'm 90% certain the answer is between \_\_\_\_\_ and \_\_\_\_\_ pounds.

4. How many square miles are in the Sahara Desert?

ANSWER: I'm 90% certain the answer is between \_\_\_\_\_ and \_\_\_\_\_ square miles.

5. How many students were enrolled in Texas public schools in the 2007-2008 school year?

ANSWER: I'm 90% certain the answer is between \_\_\_\_\_ and \_\_\_\_\_ students.

6. How much money is paid to the winner of a Pulitzer Prize in 2008?

ANSWER: I'm 90% certain the answer is between \$ \_\_\_\_\_ and \$ \_\_\_\_\_.

7. How many hairs on the average blonde woman's head?

ANSWER: I'm 90% certain the answer is between \_\_\_\_\_ and \_\_\_\_\_ hairs.

8. How many issues are listed on the NYSE Euronext Exchange as of 12/31/2008?

ANSWER: I'm 90% certain the answer is between \_\_\_\_\_ and \_\_\_\_\_ issues.

9. What was the population of Egypt in 2007?

ANSWER: I'm 90% certain the answer is between \_\_\_\_\_ and \_\_\_\_\_ people.

10. How many miles between the Earth and the Moon?

ANSWER: I'm 90% certain the answer is between \_\_\_\_\_ and \_\_\_\_\_ miles.

# Estimation Test Answers

1. How much does the Statue of Liberty (without the base) weigh? Include all of the statue that is above the base.

ANSWER: **225 tons**

2. How many books are in the King James Bible?

ANSWER: **66 books**

3. How much does an empty Boeing 747 airplane weigh?

ANSWER: **395,000 pounds**

4. How many square miles are in the Sahara Desert?

ANSWER: **3,500,000 sq miles**

5. How many students were enrolled in Texas public schools in the 2007-2008 school year?

ANSWER: **4,651,516 students**

6. How much was the cash award paid to a winner of a Pulitzer Prize in 2008?

ANSWER: **\$10,000**

7. How many hairs on the average blonde woman's head?

ANSWER: **110,000 hairs**

8. How many issues are listed on the NYSE Euronext Exchange as of 12/31/2008?

ANSWER: **8,510**

9. What was the population of Egypt in July of 2007?

ANSWER: **80,335,036**

10. On average, how many miles are between the Earth and the Moon?

ANSWER: **238,857 miles**