Dear Investigator __________________,

(name)

We are planning a Numbers Quiz Show. We hear you know a lot about numbers and we’d like you to help us write some of the questions for the Quiz Show. Here’s what we want you to do:

1. Choose to write your questions about the Washington Monument, Mount Rushmore, or another monument of your choice.

2. Look at the facts for the monument you chose.

3. Write 4 questions for that monument. Here is an example of the format we would like you to use for a question about the Statue of Liberty.
   
   I have 3 digits.
   I have a 4 in my ones place.
   The digit in my tens place is 1 more than the digit in my ones place.
   The digit in my hundreds place is 2 less than the digit in my tens place.
   I tell the number of steps inside the Statue of Liberty.
   Who am I?
   answer: 354

Be sure to give enough clues so there is only one right answer and be sure to give the answer.

Thank you for your help.

Sincerely,

Mio Okubo
Be an Investigator
Student Report

Dear Ms. Okubo,

Here are some questions about __________________ for your Numbers Quiz Show.

Question 1:

Question 2:

Question 3:

Question 4:

Yours truly,
Investigator ________________________________
Facts About Mount Rushmore

- Each face on Mount Rushmore is about 60 feet from chin to forehead.
- If the whole body of each man were there, each man would be 465 feet tall.
- Mount Rushmore is 5,725 feet above sea level.
- There are 2,000 seats in the Mount Rushmore amphitheater.
- It cost about $989,992 to create Mount Rushmore.
- The number of people who visited Mount Rushmore in 2002 was 2,159,189.

Facts About the Washington Monument

- There are 896 steps in the stairwell.
- Total height of monument: about 555 feet
- Height from lobby to observation level: 500 feet
- Total weight of the monument: 90,854 tons
- Total number of blocks in monument: 36,491
- Area of foundation: 16,002 square feet
- Number of memorial stones in stairwell: 198
- Weight of foundation: 36,912 tons
- Thickness of monument walls at base: 15 feet
- Thickness of monument walls at observation level: 18 inches