

Name _____ Date _____

Description of Investigation and Student Report
Be an InvestigatorDear 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

Name _____ Date _____

**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 _____

Name _____ Date _____

Data Sheet**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