

Name _____ Date _____

Description of Investigation and Student Report
Be an InvestigatorDear Investigator _____,
(name)

We are going to have two orchestras perform on Saturday, March 15. We need to rent instruments for the people who will be playing the violin, viola, cello, and bass. We also need to rent chairs for the members of the orchestra and members of the audience.

I would like you to help me decide how many of each item to order for that day. The orchestras are not playing at the same time. That means that for each item we only need to order the greatest number needed of that item in either the morning or the afternoon.

I hear you know a lot about comparing numbers, so I would like you to help me out with this.

Here is the information you will need to assist me placing a rental order for the instruments.

- Violin: 29 are needed in the morning and 31 are needed in the afternoon.
- Viola: 10 are needed in the morning and 9 are needed in the afternoon.
- Cello: 10 are needed in the morning and 12 are needed in the afternoon.
- Bass: 8 are needed in the morning and 9 are needed in the afternoon.

Here is the information you will need to assist me in placing a rental order for chairs.

- For the morning performance 116 chairs are needed for the orchestra and 379 chairs are needed for the audience.
- For the afternoon performance 109 chairs are needed for the orchestra and 397 chairs are needed for the audience.

Thank you in advance for your help.

Sincerely,

Victor Van Horten
Music Director

Name _____ Date _____

Be an Investigator
Student Report

Dear Mr. Van Horten,

Here is what you will need to order for the concert:

Item	Number Needed
Violin	
Viola	
Cello	
Bass	
Chairs	

This is how I decided what to order:

Yours truly,

Investigator _____
(your name)