

Name: _____ Student ID Number: _____ Grade: _____

Teacher: _____ School: _____ Date: _____

Use pictures, words and equations to show your work. Mark (X) off each one as you use it.

 PICTURES  WORDS  NUMBERS

Skip the Movie?

I told my friend John that I wanted to see a movie, *Trouble in the Treetops*. He told me to save my money and not attend the movie because it was not exciting.

I asked John to prove this to me.

He said that 80 people went to the first show. They must have told others it was not worth going to see, because only 72 people went to the second show. Word must have continued to spread for only 64 people went to the third show, and only 56 people went to the fourth show.

John was at the tenth show. He told me to determine how many people went to that tenth show, if the same pattern continued. He said then I would understand why I shouldn't spend my money to see *Trouble in the Treetops*.

How many people went to the 10th show?

Do you think I should go see the movie? Why or why not?