

# Collectors – Letter

Dear Investigator,

Please help me. My job is to arrange a convention for different collectors clubs. At the convention, the collectors clubs sell what they collect. For example, the marble collectors sell marbles. The presidents of the clubs have asked me to give them a way to quickly get an estimate of the number of items they have sold during a convention. They sometimes lose track of this because everything happens so quickly.

I have been thinking about how to do this and here is my idea. If each club president gives me the average price of the items their club has for sale, I could give them an equation where they can put in the amount of money collected and get an estimate of the number of items sold.

I would like you to write an equation that each of the clubs can use. I would like you to also give an example of how each one of the clubs can use the equation with a given amount of money collected and the average price per item.

Thank you so much for helping me with this. I know the clubs will be very happy to have an equation they can use.

Sincerely,

Paul Scerri  
President  
Collectors Conventions, Inc.