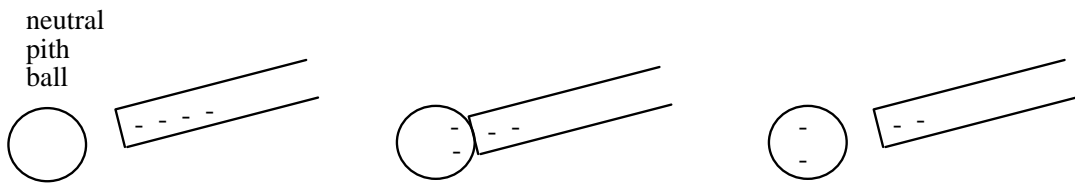


The left side of the pith ball becomes negatively charged and the right side becomes positively charged.



The neutral pith ball is charged negatively by conduction when the rubber rod touches the pith ball.

Figure A

Criteria	1 lowest	2	3	4	5 highest	not applicable
The demonstration deals with electrostatic forces or an important principle of electrostatics.						
The demonstration was entertaining and informative.						
Students clearly explained why the demonstration worked.						
Students' public speaking skills were excellent. Presenters used good grammar.						
This group was courteous and attentive while other groups performed their demonstrations.						
The written description of the demonstration was clear, complete and well written.						
Prudent safety procedures were followed by the presenters.						

Figure B

Criteria	1 lowest	2	3	4	5 highest	not applicable
The solution is complete. Gravitational force, electrical force and ratio of the forces are computed.						
The solution is clear and well organized.						
All calculations are correct.						
Work is well labeled, units are included for all results and the results are reported to the correct number of significant digits.						