

The Challenge

Overview

At the conclusion of each of the four conference sessions, the presenter will provide a clue to the audience. Collect all four clues, answer the problem statement below using Mathcad and upload your worksheet by replying to the “PlanetPTC Virtual – Mathcad Challenge” thread on [PlanetPTC Community - Mathcad website](#).

Prize

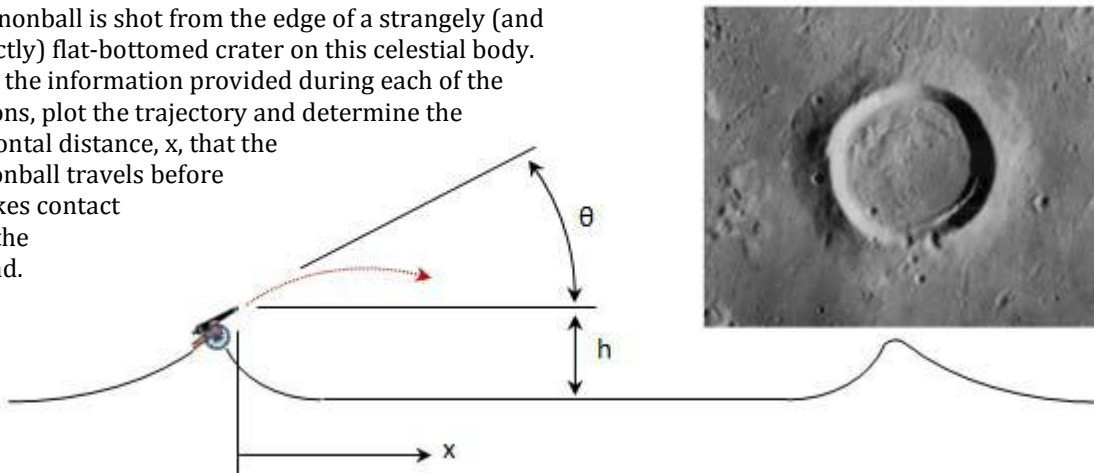
The first correct solution* will win a **\$500 AMEX gift certificate!**

Solution

*The winner will be chosen based on time of response, accuracy of solution, and best use of Mathcad to derive the answer. The **deadline for submission is Monday, Sept 13 at 11:59PM EST**. All members must have a completed PlanetPTC Community profile to be eligible to win. Completed profile is defined as Expertise, Fun Fact, Personal Interests, Tags and a selected Avatar

The Challenge Problem Statement

A cannonball is shot from the edge of a strangely (and perfectly) flat-bottomed crater on this celestial body. Using the information provided during each of the sessions, plot the trajectory and determine the horizontal distance, x , that the cannonball travels before it makes contact with the ground.



*This is not drawn to scale.

Submission

Upload your worksheet by replying to the thread on the “PlanetPTC Virtual – Mathcad Challenge” thread on [PlanetPTC Community - Mathcad website](#).