

VIRTUAL MARBLE ROLL DAY: Data Recording Sheet

Review all of your test data and decide on the ramp design you'll use on Virtual Marble Roll Day. Record the data for this ramp design below. Share your design with the class. Then make predictions and roll marbles!

First name: _____

Ramp Hardness (circle one): hard medium soft

Ramp Texture (circle one): rough intermediate smooth

Rolling Surface Hardness (circle one): hard medium soft

Rolling Surface Texture (circle one): rough intermediate smooth

Height of the Release Point _____ centimeters (cm)

Predictions

1) Do you predict the distance your marble rolls will be in the top half of all the data for your class, in the middle section, or in the bottom half? Give at least one reason to support your prediction.

Prediction: _____

Explanation:

2) Do you predict the distance your marble rolls will be in the top half of all the data sent to the database by students who have done the Virtual Marble Roll, in the middle section, or in the bottom half? Give at least one reason to support your prediction.

Prediction: _____

Explanation:

Distance My Marble Rolled on Virtual Marble Roll Day!

My virtual marble rolled _____ centimeters (cm).