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And Ramp Lab
Answers

Ball And Ramp Lab Answers

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Ball on a Tilted Ramp
In this lab we will study the motion of a ball that starts from rest and travels down a tilted ramp of PVC pipe. We will use stopwatches to determine the time it takes for the ball, starting from rest, to travel certain predetermined distances. This is a reenactment of a

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1.5.ball on ramp - Calvin College

The first drop travelled 35.5 cm. It made no sound. The carbon paper left a mark as the ball hit it. The second drop made a slight thud. It traveled 50. cm. the third drop traveled 68 cm and took two tries. The fourth drop traveled 89 cm. My hypothesis was starting to be correct. I think momentum

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makes the ball go further.

Ball And Ramp Experiment - Wappingers Central School ...

Dynamics: Ball and Ramp Lab Make up Problems 1. PROBLEM STATEMENT: The goal of the lab was to become familiar with some of the basic equations of motion that you will study in Dynamics class.

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Dynamics: Ball And Ramp Lab Make Up Problems 1. PR ...

Conclusion: In this lab we measured the acceleration of a rolling ball down a ramp at a specific height. Our variables in which we used to determine speed was a little metal ball, and a metal black ramp we placed the ball on to measure its speed. We marked this ramp at each

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distance in which we were starting the ball from.

Lab 4 - Physics 101

Cite evidence to defend your answer. The ball travels faster down the ramp as the distance of travel is decreased and slower down the ramp as the distance of travel is increased. ... In this lab small iron ball was rolled down from a track three times, and

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everytime the distance was decreasing, The first experiment was a track at 10 degrees ...

LAB 4 - PHYSICS

Lab 6 GALILEO'S KINEMATICS ... The height from which the ball is released on the ramp. 4. The time required for the ball to roll a certain distance down the ramp. ... Briefly justify your answer. QUESTIONS FOR HYPOTHESIS B

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Using your data from part B calculate d/t^2 and h/L . Then plot a graph of d/t^2 vs. h/L with h/L on the horizontal axis.

Sci122 Lab - Kinematics

If the size and weight of the ball affects the time it takes to reach the bottom of the ramp, then increasing the size and weight will increase the average speed. Lab Questions

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Answer the following questions to help you understand your toy speed experiment.

Science Speed Lab.pdf - Lab Handout Speed Lab '2016 ...

Energy in Collisions:
Rolling Ramp and
Review (for High
School) In this hands-
on activity—rolling a
ball down an incline
and having it collide
into a cup—the

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concepts of mechanical energy, work and power, momentum, and friction are all demonstrated.

Energy in Collisions: Rolling Ramp and Review - Activity ...

Physics 31210 Lab 2

Study I: Range and Initial Velocity of the ball. You are going to launch the marble from the same height 10 times and measure its horizontal range. Using

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the kinematic equations, you can calculate the marble's initial velocity as it leaves the table. 1.

Physics 31210 Lab 2 - University of Notre Dame

In physics, my class did a 2D collision lab, in which a large ball rolled down a ramp, and hit a small ball at the end of the ramp. We made it so that the center of the balls were

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level with each other when both were at the bottom of the ramp.

2D COLLISION LAB- why did we put the centers of the balls

...

I am in AP Physics 1 and we did a lab where we compared a disc rolling down a ramp to a hoop rolling down a ramp. I have completed the lab, but my teacher wants us to come up with 5

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sources of erro...

homework and exercises - Sources of Error for Lab ...

View Lab Report - Ball
and Ramp Lab Report -
Pedro Lopez.pdf from
SCIENCE 28 at
Riverdale High School.
Pedro Lopez Physics P
11/17/2016
INTRODUCTION Ball
and Ramp Lab Report
What question were
you

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Ball and Ramp Lab Report - Pedro Lopez.pdf - Pedro Lopez ...

Record your answers directly on the printed or sketched graphs. a.

Identify the region when the cart was being pushed by your hand: ... Use the

Motion Detector to measure the actual free fall of a ball.

Compare the results of your extrapolation with the measurement for

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free fall. 2. ... Microsoft
Word - Cart on a Ramp
Lab.doc

Cart on a Ramp Lab - Mr. Graham's AP Physics 1 & AP Physics C

An introductory lab,
like this, reduces
anxiety later on. The
students must be
shown how to set-up
the equipment. The
stand supports the
ramp and the ramp
holds the car and the

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timers with photogates. At the end of the ramp is a wooden foot that elevates the ramp above the ground.

Eighth grade Lesson Car and Ramp - Student Practice

Explore forces, energy and work as you push household objects up and down a ramp.

Lower and raise the ramp to see how the angle of inclination

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affects the parallel forces acting on the file cabinet. Graphs show forces, energy and work. Sample Learning Goals Explain the motion of an object on an incline plane by drawing free body diagrams.

The Ramp - Force | Energy | Work - PhET Interactive ...

(PDF) Kinematic Experiment Lab Report
How can the height ...

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When a ball rolls down a ramp with a small incline, it ... acceleration of an object rolling down the ramp? Pre-Lab Discussion Read the entire investigation. Then, work with a partner to answer the ... predict how the ball will accelerate as it rolls down the ramp. Explain your answer. 3. Controlling Variables Identify the manipulated ...

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Chapter 12 Forces and Motion Investigation 12B Testing ...

Ramp: Forces and
Motion 2/22/2012 F

Normal * F Push F

Gravity Name: _____

Period: _____ Ramp: & Forces & Motion &

Learning Objectives: 1.

Describe how the
forces on an object
change when the
object is on an inclined
plane 2. Comment [1]:

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Relate energy, force,
and motion with
objects moving on a
ramp 3.

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