

## Virtual Earthquake Lab Answer Key

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### Virtual Earthquake Lab Answer Key

Determining The Earthquake Epicenter You must choose an earthquake before continuing, please return to the previous page and choose an earthquake. You can return to the previous page by clicking [HERE](#) .

### Determining The Earthquake Epicenter

Earthquake (virtual earthquake) STUDY. Flashcards. Learn. Write. Spell. Test. PLAY. Match. Gravity. Created by. zoe\_k-159. Terms in this set (15) Seismograph. instruments that record seismic waves. Seismogram. the record the seismograph made. Focus. where the main rupture occurs. Epicenter. the point on Earth's surface directly

### Earthquake (virtual earthquake) Flashcards | Quizlet

Virtual Earthquake Lab Name \_\_\_\_ Objective: In this lab, you will learn how to determine the location and magnitude of an earthquake. Go to the following web site and do the exercise on virtual earthquake: ... DO NOT CLICK ON EARTHQUAKE! To begin, click on Execute Virtual Earthquake. Using this web page, answer the questions below.

### Virtual Earthquake Lab - Flagstaff Unified School District

What is the Richter magnitude of an earthquake that we can feel? What is the Richter magnitude of the strongest earthquakes? What 2 pieces of information do you need to figure the Richter magnitude of an earthquake? Click on Go to Next Page . and read the information. How much stronger is a magnitude 5 earthquake than a magnitude 3 earthquake?

### Virtual Earthquake Lab - owen.k12.ky.us

Welcome to Virtual Earthquake. Virtual Earthquake is an interactive Web-based activity designed to introduce you to the concepts of how an earthquake EPICENTER is located and how the RICHTER MAGNITUDE of an earthquake is determined. The Virtual Earthquake program is running on a Web Server at California State University at Los Angeles. You can interact with Virtual Earthquake using either a ...

### Geology Labs Online - Virtual Earthquake

Compare the earthquake and volcano locations on the two maps and answer the following questions. a. Name three plates where the earthquakes and volcanos tend to be clustered. b. Explain why you think the earthquakes and volcanos happen in the same areas. c. Why do earthquakes and volcanos tend to form at plate boundaries? d.

### Name: Volcano and Earthquake Simulation Lab Instructions ...

Earthquakes Living Lab: Finding Epicenters and Measuring Magnitudes Activity—Worksheet Example Answers 5 This is an opinion-based question, but expect students to bring in what they know about triangulation/distance calculation, seismograms/nomograms and/or the magnitude scale.

### Example Answers - TeachEngineering

Earthquakes and Volcanoes 7 Name Date Class Lab Preview Directions: Answer these questions before you begin the Lab. 1. What about this lab makes wearing goggles a good idea? 2. Predict which type of wave will show the most motion in the spring. Explain. If you and one of your friends hold a long piece of rope between you and

### Earthquakes and Volcanoes - Science Class 3000

I created this video with the YouTube Video Editor (<http://www.youtube.com/editor>)

### Online Geology Lab-Virtual Earthquakes - YouTube

Pre-lab Questions - Complete these questions before coming to lab. Briefly define the following key words. 1. Earthquake Break or rupture of rock, emanating from a focus, sending seismic waves through Earth materials 2. Primary Wave Compressional wave from earthquake, moving fastest, and through all types of Earth materials.

### EARTHQUAKES: Epicenter Determination, Seismic Waves, and ...

Students learn how engineers characterize earthquakes through seismic data. Then, acting as engineers, they use real-world seismograph data and a tutorial/simulation accessed through the Earthquakes Living Lab to locate earthquake epicenters via triangulation and determine earthquake magnitudes. Student pairs examine seismic waves, S waves and P waves recorded on seismograms, measuring the key ...

### Earthquakes Living Lab: Finding Epicenters & Measuring ...

The UPSeis program is divided into two parts: this web site and a school program. In the UPSeis web site, we'll be talking mostly about the science of seismology and earthquakes: where they happen, why they happen, and what kinds of problems they cause. We'll tell you things you may already know and some stuff you may have never thought about.

### Seismic Education Site: UPSeis

Table 1 & Los Angeles County Map. (Write on this & attach it to your lab write-up!) Compass Colored Pens Procedure: 1. Start by locating the epicenter for the October 9th Earthquake. Name: 2. Place the compass at one recording station. (Van Nuys, Westwood, or Simi Valley). Notice that the map key shows us that 1 cm = 1 mile (mi.) 3.

### Locating the Epicenter of an Earthquake - Studylib

[www.glencoe.com](http://www.glencoe.com)

### www.glencoe.com

Top Answer. Wiki User Answered . 2011-11-22 01:37:06 2011-11-22 01:37:06. This only works if you choose the city San Francisco area. ... Magnitude of an earthquake at Virtual Earthquake? Asked By ...

### Magnitude of an earthquake at Virtual Earthquake? - Answers

Start studying Glencoe Earth Science, Chapter 11-2 Features of Earthquakes. Learn vocabulary, terms, and more with flashcards, games, and other study tools.

### Glencoe Earth Science, Chapter 11-2 Features of Earthquakes

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### **Virtual Earthquake Lab Answer Key - modapktown.com**

ANSWER SHEET: EARTH SCIENCE REGENTS - EVIDENCE FOR PANGAEA. Shadow Zone Identify 3 things that happen to the P-wave as it passes through the earth: requires the use of the Seismic Eruption software. Subduction Boundary Lab In this lab activity, you will plot and compare actual earthquake foci data from two areas where subduction is currently ...

### **24 Lab's in Earthquakes, Volcanoes and Plate Tectonics**

This engaging virtual lab helps students understand how the epicenter of an earthquake is determined, reading and interpreting a variety of graphs, measuring distance, drawing conclusions and making inferences. This activity uses a public online virtual lab from Glencoe, but I have developed specif...

### **Determining the Epicenter of an Earthquake Virtual Lab by ...**

SpaceX's 1st astronaut mission! Crew Dragon #DM-2 launch from historic NASA pad @Saturday 3:22pm ET SPACE (Official) 7,317 watching Live now

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