Name:

Addison Murray

Date:

Nov 3

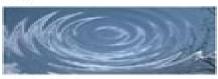
Student Exploration: Ripple Tank

Directions: Follow the instructions to go through the simulation. Respond to the questions and prompts in the orange boxes.

Vocabulary: constructive interference, crest, destructive interference, diffraction, Huygens' Principle, interference, law of superposition, node, refraction, trough, wave, wavelength

Prior Knowledge Questions (Do these BEFORE using the Gizmo.)

- The image below shows small ripples, or waves, moving through water in a pond. Highlight the
 description below that you think describes the motion of a wave most accurately.
 - A. Each wave consists of a set of water molecules moving outward from the center.
 - B. When a wave passes, water molecules move up and down before returning to near their original position.



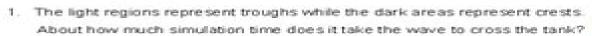


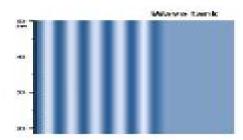
Either hand draw or click here to EDIT to use the drawing tool. Waves have crests (high points) and troughs (low points). The wavelength of a wave is the distance between adjacent crests (or troughs). Label the crests, the trough, and the wavelength on the image at left.

Gizmo Warm-up

A ripple tank, such as the one shown in the Ripple Tank Gizmo, is a shallow pan of water with a vibrating motor that produces waves. The tank is lit from above so that the wave crests and troughs are visible. Ripple tanks are particularly useful because many properties of water waves are shared by other kinds of waves that are harder to see.

Check that **Open tank** is selected and the **Wavelength** is 4.0 cm. Click **Play** () and observe. Click **Pause** () when the first wave reaches the right edge of the tank.





about 2 s

 Click Reset (2). Set the Wavelength to 16.0 cm, and click Play. Click Pause when the waves reach the edge. How did increasing the wavelength affect the shape and speed of the waves?

The waves were wider and moved faster. Took 1.0 s

Ripple Tank Gizmo Answers

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Ripple Tank Gizmo Answers:

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plate I drilled and bolted at a 90 degree angle to the old post ... Broken Battery Post - Valkyrie Riders Cruiser Club Feb 27, 2011 — You could use that battery for something in your shop, just use an alligator clip on the one post. DO clean the green crap off of it if ya do. I ... Battery post repair part III Jul 21, 2018 — Melted the lead w/ the iron into the cage. Removed bolt, re-tapped the threads. Filed to shape and smoothed with hand filing tools while ... A battery w/a broken terminal Nov 17, 2009 — I just tried to remove my battery, but the bolt on the terminal was stuck. With all the wrenching that followed, I wound up breaking off the ... This battery Terminal broke on my motorcycle, whats the ... At the best I'd suggest making a temporary replacement to get it to someone in a shop who can take a look, if only to confirm it's OK. Battery terminal broke Jul 26, 2022 — If the seller replaces the battery the OP is REALLY lucky. Always a good idea to dry fit battery terminal bolts to be sure they are correct. Argus Enterprise Case Study Manual Title, Argus Enterprise Case Study Manual. Contributor, Argus Software. Publisher, Argus Software, 2015. Length, 99 pages. A Detailed Guide to Earning ARGUS Enterprise ... Here are a few resources that I select for you if you are eager to go one step beyond. ARGUS Enterprise: Case Study Manual (eBook). This manual ... To order the Argus Case Study Manual View Notes - To order the Argus Case Study Manual from CS 58 at Baruch College, CUNY. To order the Argus Case Study Manual: You will need to click onto this ... Argus Developer in Practice: Real Estate... by Havard, Tim ... This book is a practical guide to using Argus Developer, the world's most widely used real estate development feasibility modeling software. ARGUS Enterprise - Certification Training Manual ARGUS Enterprise - Certification Training Manual - Version 11.8. Argus Enterprise - Certification Training Manual - Version 11.8 by ... study guides, annotations, ... Looking for ARGUS Enterprise Certification Training ... Looking for ARGUS Enterprise Certification Training Manual / Case Studies ... case studies with answers to study and get better. Anything would ... User Manual - ARGUS EstateMaster CC 7.0 This operations manual is a guide for using the ARGUS EstateMaster CC. (Corporate Consolidation) software developed in Microsoft SQL and .NET. ARGUS Enterprise Case Study Manual May 8, 2019 — Has anyone ever purchased the ARGUS Enterprise Case Study Manual from their website? Is it helpful and worth purchasing if so? Need to bang out Argus, how long will the certification take My recommendation is to go through the certification book from page 0 to the end. Don't take the case study until you can go through them 100% without a mistake ... LEYLAND Service Manuals & Wiring Diagrams PDF LEYLAND Service Manuals & Wiring Diagrams PDF. Download. Leyland Titan Repair Manual. Leyland Titan Repair Manual. Leyland Titan Repair ... Leyland Bus Engine Repair Manual Full PDF Sep 27, 2022 — Leyland Bus Engine Repair Manual leyland-bus-engine-repair-manual. 7 ... Leyland Bus Engine Repair Manual leyland-bus-engine-repair-manual. 8. Leyland Titan Repair Manual.pdf Leyland Truck and Bus LEYPARTS. Manufactured exactly to original ... Check engine coolant level by depressing, dependent upon vehicle specification, either. LEYLAND Workshop Service Manuals | PDF Downloads Leyland, Marina 1500, Marina 1750, P76, V8, BLMC, Factory Workshop Manuals, High Quality PDF, Immediate Download, bookmarked. Restore your Leyland now! Leyland Bus Engine Repair

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