

## Activity Series Lab Microscale Answers

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### Activity Series Lab Microscale Answers

Introduction The purpose of the lab was to find which metal is the most reactive and which metal is the least reactive. It was known before the experiment that the metals used in the experiment are placed in the activity series from most active to least active as follows: magnesium, aluminum, zinc, and copper. The hypotheses formed were that zinc nitrate would react with aluminum and magnesium ...

### Activity Series Lab Answers | SchoolWorkHelper

ACTIVITY SERIES LAB (MICROSCALE) Purpose: to study the chemical activity of common metals Safety Precautions Wear goggles at all times. Review precautions for handling acids. Since silver nitrate may stain skin and clothing, avoid contact. Procedure (Part I): 1. Sketch out a matrix to record your data. Along the top of the matrix, you should list

### ACTIVITY SERIES LAB - Auburn School District

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1. Oxidation is the process of losing electrons. 2. Reduction is the process of gaining electrons. 3. A good oxidizing agent is easily reduced because it can easily gain electrons from the reducing agent. 4. a) No, the less reactive metal, Pt, should stay solid, but it is

### An Activity Series Lab by av s - Prezi

the more reactive nonmetals will displace ions of the less reactive halides from solution. In an activity series of nonmetals, the most reactive halogen is the one most easily reduced. The first part of this experiment derives an activity series for metals and uses a microscale technique. The second part derives an activity series for halogens.

### AP Chemistry Lab 3 1 Activity Series of Metals and Nonmetals

Kaitlyn Kerkhoff Chem 161L Sec 10 March 19, 2012 Activity Series Lab Purpose: The purpose of this lab is to determine and observe the reactivity of metals with certain acids and solutions and from their derive the net ionic equations. From here we can determine which metal is the highest and lowest reactivity. Materials: • 7 test tubes • HCl solution • Pieces of Ca, Cu, Fe, Mg, Sn and Zn ...

### Activity Series Lab - Kaitlyn Kerkhoff Chem 161L Sec 10 ...

This particular lab report demonstrates my ability to perform qualitative analysis, and to think critically about the data to form a logical conclusion. The Activity Series. October 14, 2014 . Purpose. The purpose of this lab was to test the reactivity of certain metals, then create an activity series demonstrating the metals' tendencies to ...

### Chemistry Lab Report (The Activity Series) - Sarah Jackson

Grade 11 Chemistry Activity Series of Metals Lab Problem: What is the order of reactivity of the metals copper, iron, magnesium, and zinc in single displacement reactions? Materials: Wellplate/Spotplate Small pieces of magnesium, iron, zinc and copper metal Dilute solutions of hydrochloric acid, copper (II) sulfate, zinc chloride, magnesium chloride, iron (III) sulfate Wash bottle with ...

### Activity Series Lab (akey) - Grade 11 Chemistry Activity ...

The Activity Series of Metals Page 8 of 13 You should prepare in advance (prior to coming to lab) to answer questions based on this lab. You will be quizzed on concepts taken from this lab similar to those listed below. Further reference materials may be found in your textbook.

### Lecture Notes 7 + Experiment 7 : ACTIVITY SERIES OF METALS ...

Question: EXPERIMENT 6: RELATIVE REACTIVITIES OF METALS AND THE ACTIVITY SERIES Name: Instructor: Post-Lab Instructor When You Have Completed The Report.) PART A & B: REACTION WITH WATER Date: Section/Group: Report (Use The In-lab Observations To Complete The Laboratory Report. Turn In To Your AIs That Reacted With Water In Order Of Decreasing Reactivity (most ...

### Solved: EXPERIMENT 6: RELATIVE REACTIVITIES OF METALS AND ...

Play this game to review Chemical Reactions. Based on the activity series, will this reaction occur? Ni (s) + H 2 O (l) →

### Activity Series | Chemical Reactions Quiz - Quizizz

Here is a lab for middle school on Series and Parallel Circuits. The materials needed are as follows:Materials: 2 light bulbs attached to holdersC-batteryD-battery4-5 wiresStudents will also be required to draw pictures of their circuits and answer questions pertaining to them.

### Series And Parallel Circuits Lab Worksheets & Teaching ...

Virtual Lab: Activity Series Purpose: To observe the visual changes that occur during single replacement reactions and identify if an element is more or less reactive than others. Pre-Lab: Write and balance the following equation: Zinc metal reacts with lead (II) nitrate to form zinc nitrate and metallic lead.

### Virtual Lab: Activity Series - Mr. Rong's Chemistry

When the student activity sheet /tutorial is used with computer simulation and the computer animations representing reactions at the particle level (atom level), and when students have the opportunity to do an activity series of metal experiment in the laboratory it is an effective way of exposing students to all three levels of representation in Alex Johnstone's triangle: microscopic ...

### Activity Series of Metals Computer Simulation | Chemdemos

Activity Series: Single Displacement Reactions Prelab: Complete the prelab given in your lab manual for this experiment (page 64-65). Report: You will turn in the data sheets given below. Carefully read the instructions given in each section. Postlab: You will complete the postlab assignment provided in your lab manual (page 66).

### Solved: Activity Series: Single Displacement Reactions Pre ...

Developing the Activity Series. Overview: The students will develop their own activity series of metals based on lab results. Qualitative observations will be used. Tie-ins include single-replacement reactions (SRR), oxidation-reduction, practical applications such as galvanization, and predicting reactions. Students work in

### Developing the Activity Series - ASM International

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