Review Activity Reaction Rate Answers

Reaction Rates by Astronyxis Teaching Resources Tes. Chemistry Unit 4 Chemical Reactions Test Review. Investigating Chemical Reactions Factors Which Influence. Rate of Reaction Worksheet Science HQ. VIIJ Beyond the Classroom. Chem 116 POGIL Worksheet Week 6 Kinetics Part 2 Why. Chem 124 Homework Wofford College. Review Activity Reaction Rate Answers pdfsdocuments2 com. Unit 5 Chemical Kinetics and Equillibrium Notes answers. Chapter 17 Review Activity Reaction Rate Prentice Hall Inc. Review Activity Reaction Rate Answers risewell solutions. Chemical Reactions Review teachnlearnchem com. BRILLIANT COAD3 PDF http brilliant coad3 org. Activity 6 Test Ability of Mushroom Extracts to Increase. Worksheet 1 Approaching Equilibrium iannonechem com. SparkNotes Review of Reaction Kinetics Review Test. review activity reaction rate answers ebooks preview. Chemistry 12 Worksheet 1 1 Measuring Reaction Rates. Exercise 6 Enzyme Activity Lake Sumter State College. Reactions and Rates 4 lessons Inquiry Based PhET. Reaction Rates PhET Contribution. Reaction Rates Activity Yenka com. The Rates of Chemical Reactions. Chapter 17 Review Activity Reaction Rate Prentice Hall Inc. The Rates of Chemical Reactions. Kinetics Multiple Choice Review Questions GlenGainer Com. SAM Teachers Guide Chemical Reactions and Stoichiometry. Reaction Order and Rate Law Expression Worksheet. Rate of Reaction Worksheet Science HQ. Chem 10 Types of Reactions Review Santa Monica College. Worksheet Reaction Rates Name. Chemistry 12 Worksheet 1 1 Measuring Reaction Rates. 4 rates of reaction review with answers Reaction Rate. Catalyst Lesson Plans amp Worksheets Lesson Planet. Review Activity Reaction Rate Answers pdfsdocuments2 com. Name per Worksheet Reaction Rates. Unit 11 Reaction Rate Quiz Thurston High School, review activity reaction rate answers ebooks preview. 12biology files wordpress com. Chem 10 Types of Reactions Review Santa Monica College. Computer simulation rates of reaction activity by. Rates of Reaction Questions by funforester Teaching. Worksheet 1 1 Measuring Reaction Rates. Review Activity Categories Of Chemical Reactions Answers. Catalyst Lesson Plans amp Worksheets Lesson Planet. Reaction Rate Review Answers kvaser de. Review Activity Reaction Rate Answers drink savanna de, CHAPTER 11 RATE OF REACTION, Chemical Reaction Rates Inquiry on Affecting Factors. Review Activity Reaction Rate Answers risewell solutions. SAM Teachers Guide Chemical Reactions and Stoichiometry. 4 rates of reaction review with answers Reaction Rate. BIOLOGY 12 ENZYMES amp METABOLISM. Chemical Reactions Review teachnlearnchem com. Review Activity Reaction Rate Answers drink savanna de. Chem 116 POGIL Worksheet Week 6 Kinetics Part 2 Why. Computer simulation rates of reaction activity by. Reaction Order and Rate Law Expression Worksheet. Chemical Reaction Rates Inquiry on Affecting Factors. Worksheet 1 Approaching Equilibrium iannonechem com. Reaction Rates PhET Contribution. Chem 124 Homework Wofford College. BRILLIANT COAD3 PDF http brilliant coad3 org. RATE OF REACTION ACTIVITY California State University. Worksheet Reaction Rates Name. Thread of Life Storylines and Activity Answers Reaction. CH302 Worksheet 15 on Kinetics Answer Key gchem. SparkNotes Review of Reaction Kinetics Review Test. Review Activity Categories Of Chemical Reactions Answers. Worksheet 2 ? Chapter 14 ? Chemical Kinetics. Answers to Unit 4 Review Reaction Rates Answers to. Chapter 16 Reaction Rates. Unit 6 Rates amp Equilibrium AHS Chemistry Resource Site. Chapter 16 Reaction Rates. CHAPTER 11 RATE OF REACTION. CH302 Worksheet 15 on Kinetics Answer Key gchem. Reaction Rates Activity Yenka com. Unit 11 Reaction Rate Quiz Thurston High School. Worksheet Enzymes Review. Reactions and Rates 4 lessons Inquiry Based PhET. Worksheet 1 1 Measuring Reaction Rates. Chemical Kinetics Review Sheet Dameln Chemsite. RATE OF REACTION ACTIVITY California State University. 12biology files wordpress com

Reaction Rates by Astronyxis Teaching Resources Tes April 24th, 2018 - A set of resources exploring the effects of different factors on rates of reaction reaction rates and predicting how rate graphs first activity in'

'Chemistry Unit 4 Chemical Reactions Test Review

April 25th, 2018 - Chemistry Unit 4 Chemical Reactions Test Review vocabulary activity series of metals activity series of nonmetals balanced equation catalyst"**Investigating Chemical Reactions Factors Which Influence**

May 28th, 2013 - This activity is an inquiry based lab where students investigate and discover how surface area concentration and temperature affect the rate of a chemical reaction'

'Rate of Reaction Worksheet Science HQ

April 23rd, 2018 - Rate of Reaction Worksheet The rate of reaction is used to describe the speed of you can find some questions related to ?Rate of reaction? and their answers'

'VllJ Beyond the Classroom

April 10th, 2018 - reaction or degree of enzyme activity is plotted against Answer the questions relating to each graph Enzyme Review Sheet BWG docx 11128 11'

'Chem 116 POGIL Worksheet Week 6 Kinetics Part 2 Why

April 21st, 2018 - Chem 116 POGIL Worksheet Week 6 Kinetics Part 2 Why A different form of the rate law for a reaction allows us to calculate amounts as a function of Review"Chem 124 Homework Wofford College

April 23rd, 2018 - Chem 124 ChemActivity Homework Reaction Rate and Temperature ChemActivity 62 CTQ Exam 5 Review Th Dec 1 Exam'

'Review Activity Reaction Rate Answers pdfsdocuments2 com

March 21st, 2018 - Review Activity Reaction Rate Answers pdf Free Download Here CHAPTER 17 REVIEW Reaction Energy and Reaction Kinetics http go hrw com resources go sc mc HC2SR17M PDF' '**Unit 5 Chemical Kinetics and Equillibrium Notes answers**

April 16th, 2018 - Unit 5 Chemical Kinetics and Equilibrium Honour Chemistry the Forward Reaction Rate Reverse Reaction Rate the activity of a substance is the ratio of "Chapter 17 Review Activity"

Reaction Rate Prentice Hall Inc

April 28th, 2018 - Chapter 17 Review Activity Reaction Rate Prentice Hall Inc MAPPING LAB ANSWER KEY EXCEL LESSON 8 REVIEW QUESTIONS ANSWERS EXPONENTIAL"**Review** Activity Reaction Rate Answers risewell solutions

April 10th, 2018 - Browse and Read Review Activity Reaction Rate Answers Review Activity Reaction Rate Answers Inevitably reading is one of the requirements to be undergone'

'Chemical Reactions Review teachnlearnchem com

April 7th, 2018 - Chemical Reactions Review ANSWER KEY 1 synthesis 2Sb 3I 2 2SbI 3 2 single replacement 2Li 2H 2 O 2LiOH H 2 3 decomposition 2AlCl 3 2Al 3Cl'

'BRILLIANT COAD3 PDF http brilliant coad3 org

April 7th, 2018 - epub download review activity reaction rate answers List of Other eBook Home You Are The Placebo Meditation 1 Changing Two Beliefs And Perceptions"Activity 6 Test Ability of Mushroom Extracts to Increase

April 24th, 2018 - Activity 6 Test Ability of Mushroom Extracts to Increase Reaction Rate Cellobiase that breaks down the 1 4 b glucoside linkages in cellobiose is produced by"*Worksheet 1 Approaching*

Equilibrium iannonechem com

April 22nd, 2018 - Answer all of the questions Do not The reverse reaction rate increases as equilibrium is approached because as As a reaction is approaching equilibrium'

'SparkNotes Review of Reaction Kinetics Review Test

April 25th, 2018 - Review of Reaction Kinetics quiz that tests what you know Review Test Review Test The rate of a reaction measured at a time as close to zero as possible'

'review activity reaction rate answers ebooks preview

April 18th, 2018 - Pdf file is about review activity reaction rate answers is available in several types of edition This pdf document is presented in digital edition of review activity reaction rate answers and it can be searched throughout the net in such search engines as google bing and yahoo"*Chemistry 12 Worksheet 1 1 Measuring Reaction Rates*

April 27th, 2018 - Chemistry 12 Unit 1 Reaction Kinetics Worksheet 1 1 Measuring Reaction Rates Page 6 a Is rate dependent on temperature Explain your answer'

'Exercise 6 Enzyme Activity Lake Sumter State College

April 13th, 2018 - Exercise 6 Enzyme Activity Fig 6 1 Reaction Rate of Catalase as a Function of Substrate Concentration Practice Problems and Review Questions'

'Reactions and Rates 4 lessons Inquiry Based PhET

February 27th, 2008 - Reactions and Rates 4 lessons Answers Included No Le Chatlier chemistry equilibrium phet activity rates reactions Simulation s Reactions amp Rates'

'Reaction Rates PhET Contribution

April 24th, 2018 - Lesson Plan for Reaction Rate Simulation doc 32 kB POGIL Activity Answers

Included No Language'

'Reaction Rates Activity Yenka com

April 20th, 2018 - Reaction Rates Activity About Yenka Yenka products In order to measure the rate of a chemical reaction Answer About 34 cm 3 46 cm 3'

'The Rates of Chemical Reactions

April 21st, 2018 - The objective of this chapter is to obtain an empirical description of the rates of chemical reactions on a macroscopic level and rate of a reaction was performed"Chapter 17 Review Activity Reaction Rate Prentice Hall Inc

April 28th, 2018 - Chapter 17 Review Activity Reaction Rate Prentice Hall Inc MAPPING LAB ANSWER KEY EXCEL LESSON 8 REVIEW QUESTIONS ANSWERS EXPONENTIAL"**The Rates** of Chemical Reactions

April 21st, 2018 - The objective of this chapter is to obtain an empirical description of the rates of chemical reactions on a macroscopic level and rate of a reaction was performed'

'Kinetics Multiple Choice Review Questions GlenGainer Com

April 12th, 2018 - Kinetics Multiple Choice Review The rate of the reaction Use the kinetics data provided in the previous problem to answer this question What is the rate"SAM Teachers Guide Chemical Reactions and Stoichiometry

April 27th, 2018 - SAM Teachers Guide Chemical Reactions and Stoichiometry ? Analyze how concentration and temperature affect reaction rate Activity Answer Guide'

'Reaction Order and Rate Law Expression Worksheet

April 16th, 2018 - Name Reaction Order and Rate Law Expression Worksheet 1 Given the following equations and experimental data write the correct rate law equation"Rate of Reaction Worksheet Science HQ

April 23rd, 2018 - Rate of Reaction Worksheet The rate of reaction is used to describe the speed of you can find some questions related to ?Rate of reaction? and their answers'

'Chem 10 Types of Reactions Review Santa Monica College

April 23rd, 2018 - A partial answer key is provided at the end of of the reactions on CHP 3 Equations Review Worksheet could be Chem 10 Types of Reactions Review doc'

'Worksheet Reaction Rates Name

April 24th, 2018 - Worksheet Reaction Rates Name CHEMISTRY A Study of Matter © 2004 GPB 12 3 1 A What are the FIVE major factors that affect reaction rate 5'

'Chemistry 12 Worksheet 1 1 Measuring Reaction Rates

April 23rd, 2018 - Chemistry 12 Unit 1 Reaction Kinetics Worksheet 1 1 Measuring Reaction Rates Page 6 a Is rate dependent on temperature Explain your answer'

'4 rates of reaction review with answers Reaction Rate

May 1st, 2010 - Rates of Reaction ReviewMatching Match each item with the correct statement below A activated complex"**Catalyst Lesson Plans amp Worksheets Lesson Planet** April 22nd, 2018 - Catalyst lesson plans and In this equilibrium instructional activity students answer eleven pupils review activation energy rate of reaction"**Review Activity Reaction Rate Answers pdfsdocuments2 com** March 21st, 2018 - Review Activity Reaction Rate Answers pdf Free Download Here CHAPTER 17 REVIEW Reaction Energy and Reaction Kinetics http go hrw com resources go sc mc HC2SR17M PDF'

'Name per Worksheet Reaction Rates

April 20th, 2018 - Name per Worksheet Reaction Rates 1 3 What role does the reactivity of the reactants play in determining the rate of a chemical reaction'

'Unit 11 Reaction Rate Quiz Thurston High School

April 22nd, 2018 - Unit 11 Reaction Rate Quiz Multiple Choice Choose the best answer The rate of a reaction depends upon the concentration of the reactants'

'review activity reaction rate answers ebooks preview

April 18th, 2018 - Pdf file is about review activity reaction rate answers is available in several types of edition This pdf document is presented in digital edition of review activity reaction rate answers and it can be searched throughout the net in such search engines as google bing and yahoo'

'12biology files wordpress com

April 24th, 2018 - next activity ad ungus Enzyme Review Sheet BWG docx 11 28 11 the rate of reaction or degree of enzyme activity is Answer the questions relating to each" Chem 10 Types of Reactions Review Santa Monica College

April 27th, 2018 - A partial answer key is provided at the end of of the reactions on CHP 3 Equations Review Worksheet could be Chem 10 Types of Reactions Review doc' 'Computer simulation rates of reaction activity by

April 27th, 2018 - Computer simulation rates of reaction activity Computer simulation rates of reaction activity Reactivity series worksheet with answer key'

'Rates of Reaction Questions by funforester Teaching

April 24th, 2018 - Question sheet all about rates of reaction and the factors that can affect them also includes a model answer sheet for marking work or using as the answers'

'Worksheet 1 1 Measuring Reaction Rates

April 22nd, 2018 - All answers MUST be rounded to the correct number of Sig Figures 1 A chemist wishes to determine the rate of reaction of zinc with hydrochloric acid The' 'Review Activity Categories Of Chemical Reactions Answers

April 28th, 2018 - Review Activity Categories Of Chemical Reactions Answers Review Activity Categories Of Chemical Reactions Answers Title Ebooks Review Activity Categories Of"**Catalyst Lesson Plans amp Worksheets Lesson Planet**

April 22nd, 2018 - Catalyst lesson plans and In this equilibrium instructional activity students answer eleven pupils review activation energy rate of reaction'

'Reaction Rate Review Answers kvaser de

April 29th, 2018 - Reaction Rate Review Answers Reaction Rate Review Answers Title Ebooks ACTIVITY 40 CHAPTER 5 SECTION 2 GOVERNMENT GUIDED READING ANSWERS TOURISM GRADE"**Review Activity Reaction Rate Answers drink savanna de** April 27th, 2018 - Review Activity Reaction Rate Answers Review Activity Reaction Rate Answers Title Ebooks Review Activity Reaction Rate Answers Category Kindle and eBooks PDF'

'CHAPTER 11 RATE OF REACTION

April 19th, 2018 - AP CHEMISTRY CHAPTER REVIEW CHAPTER 11 RATE OF REACTION You should understand the definition of reaction rate for AP Chemistry students to answer is the' 'Chemical Reaction Rates Inquiry on Affecting Factors

April 28th, 2018 - Chemical Reaction Rates Inquiry on Affecting Factors The rate of reaction is determined by the activation energy Student Center Activity'

'Review Activity Reaction Rate Answers risewell solutions

April 10th, 2018 - Browse and Read Review Activity Reaction Rate Answers Review Activity Reaction Rate Answers Inevitably reading is one of the requirements to be undergone"*SAM Teachers Guide Chemical Reactions and Stoichiometry*

April 27th, 2018 - SAM Teachers Guide Chemical Reactions and Stoichiometry ? Analyze how concentration and temperature affect reaction rate Activity Answer Guide'

'4 rates of reaction review with answers Reaction Rate

May 1st, 2010 - Rates of Reaction ReviewMatching Match each item with the correct statement below A activated complex" *BIOLOGY 12 ENZYMES amp METABOLISM*

April 23rd, 2018 - chemical reaction to occur Part B Short Answers Review Key doc Page 2 of 3 13 Lowering temperature lowers the rate of activity'

'Chemical Reactions Review teachnlearnchem com

April 7th, 2018 - Chemical Reactions Review ANSWER KEY 1 synthesis 2Sb 3I 2 2SbI 3 2 single replacement 2Li 2H 2 O 2LiOH H 2 3 decomposition 2AlCl 3 2Al 3Cl'

'Review Activity Reaction Rate Answers drink savanna de

April 27th, 2018 - Review Activity Reaction Rate Answers Review Activity Reaction Rate Answers Title Ebooks Review Activity Reaction Rate Answers Category Kindle and eBooks PDF'

'Chem 116 POGIL Worksheet Week 6 Kinetics Part 2 Why

April 21st, 2018 - Chem 116 POGIL Worksheet Week 6 Kinetics Part 2 Why A different form of the rate law for a reaction allows us to calculate amounts as a function of Review"*Computer simulation rates of reaction activity by*

April 24th, 2018 - Students use the Phet simulation to answer the questions on the Computer simulation rates of reaction Computer simulation rates of reaction activity'

'Reaction Order and Rate Law Expression Worksheet

April 16th, 2018 - Name Reaction Order and Rate Law Expression Worksheet 1 Given the following equations and experimental data write the correct rate law equation'

Chemical Reaction Rates Inquiry on Affecting Factors

April 24th, 2018 - Chemical Reaction Rates Inquiry on Affecting Factors The rate of reaction is determined by the activation energy Student Center Activity'

'Worksheet 1 Approaching Equilibrium iannonechem com

April 26th, 2018 - Answer all of the questions Do not The reverse reaction rate increases as equilibrium is approached because as As a reaction is approaching equilibrium"*Reaction Rates PhET Contribution April 24th, 2018 - Lesson Plan for Reaction Rate Simulation doc 32 kB POGIL Activity Answers Included No Language*'

'Chem 124 Homework Wofford College

April 23rd, 2018 - Chem 124 ChemActivity Homework Reaction Rate and Temperature ChemActivity 62 CTQ Exam 5 Review Th Dec 1 Exam'

'BRILLIANT COAD3 PDF http brilliant coad3 org

April 7th, 2018 - epub download review activity reaction rate answers List of Other eBook Home You Are The Placebo Meditation 1 Changing Two Beliefs And Perceptions'

'RATE OF REACTION ACTIVITY California State University

March 16th, 2018 - RATE OF REACTION ACTIVITY What is a catalyst and how does it affect the rate of reaction Conclusion Review your data and write a conclusion statement in your'

'Worksheet Reaction Rates Name

April 24th, 2018 - Worksheet Reaction Rates Name CHEMISTRY A Study of Matter © 2004 GPB 12 3 1 A What are the FIVE major factors that affect reaction rate 5' 'Thread of Life Storylines and Activity Answers Reaction April 24th, 2018 - This indicates that the rate of reaction is the same at different iodine concentrations 1 mol dm Documents Similar To Thread of Life Storylines and Activity Answers' 'CH302 Worksheet 15 on Kinetics Answer Key gchem April 23rd, 2018 - CH302 Worksheet 15 on Kinetics Answer Key 1 What factors determine the rate of a reaction How does each of them affect the rate Answer Rate xAe Ea RT'

'SparkNotes Review of Reaction Kinetics Review Test April 25th, 2018 - Review of Reaction Kinetics quiz that tests what you know Review Test Review Test The rate of a reaction measured at a time as close to zero as possible"Review Activity Categories Of Chemical Reactions Answers April 30th, 2018 - Register Free To Download Files File Name Review Activity Categories Of

Chemical Reactions Answers PDF REVIEW ACTIVITY CATEGORIES OF CHEMICAL REACTIONS"Worksheet 2 ? Chapter 14 ? Chemical Kinetics

April 28th, 2018 - Worksheet 2 ? Chapter 14 ? Chemical Kinetics 1 The rate equation for a chemical reaction is determined by A theoretical calculations'

'Answers to Unit 4 Review Reaction Rates Answers to

April 22nd, 2018 - Answers to Unit 4 Review Reaction Rates Answers to Multiple Choice Answers to Review What happens to the rate of the reaction as the reaction proceeds'

'Chapter 16 Reaction Rates April 21st, 2018 - 560 Chapter 16 ? Reaction Rates Review Vocabulary energy 3 Evaluate the Answer The average reaction rate of 0 0300 moles C 4H'

'Unit 6 Rates amp Equilibrium AHS Chemistry Resource Site
April 16th, 2018 - AHS Chemistry Resource Site Search this site Supplemental Discovery
Education Notes in Equilibrium Reaction Rate Unit A Reaction Rate Test Review WS'
'Chapter 16 Reaction Rates
April 21st, 2018 - 560 Chapter 16 ? Reaction Rates Review Vocabulary energy 3 Evaluate the
Answer The average reaction rate of 0 0300 moles C 4H'
'CHAPTER 11 RATE OF REACTION
April 19th, 2018 - AP CHEMISTRY CHAPTER REVIEW CHAPTER 11 RATE OF REACTION You

should understand the definition of reaction rate for AP Chemistry students to answer is the'

'CH302 Worksheet 15 on Kinetics Answer Key gchem

April 23rd, 2018 - CH302 Worksheet 15 on Kinetics Answer Key 1 What factors determine the rate of a reaction How does each of them affect the rate Answer Rate xAe Ea RT'Reaction Rates Activity Yenka com

April 20th, 2018 - Reaction Rates Activity About Yenka Yenka products In order to measure the rate of a chemical reaction Answer About 34 cm 3 46 cm 3'

'Unit 11 Reaction Rate Quiz Thurston High School

April 22nd, 2018 - Unit 11 Reaction Rate Quiz Multiple Choice Choose the best answer The rate of a reaction depends upon the concentration of the reactants'

'Worksheet Enzymes Review

April 23rd, 2018 - RAYCROFT Worksheet Enzymes Review doc Each and every reaction in a cell activity 8 What happens to the rate of product formation if you"**Reactions and Rates 4 lessons Inquiry Based PhET**

February 27th, 2008 - Reactions and Rates 4 lessons Answers Included No Le Chatlier chemistry equilibrium phet activity rates reactions Simulation s Reactions amp Rates'

Worksheet 1 1 Measuring Reaction Rates

April 22nd, 2018 - All answers MUST be rounded to the correct number of Sig Figures 1 A chemist wishes to determine the rate of reaction of zinc with hydrochloric acid The'

'Chemical Kinetics Review Sheet Dameln Chemsite

April 24th, 2018 - Chemical Kinetics Review Sheet are to answer this question to the fact the the reaction rate from left to right is the same as the rate from right to"**RATE OF REACTION**

ACTIVITY California State University March 16th, 2018 - RATE OF REACTION ACTIVITY What is a catalyst and how does it affect the rate of reaction Conclusion Review your data and write a conclusion statement in your'

'12biology files wordpress com April 24th, 2018 - next activity ad ungus Enzyme Review Sheet BWG docx 11 28 11 the rate of reaction or degree of enzyme activity is Answer the questions relating to each"

Copyright Code : <u>deM67r3OUov8FPu</u>

Meri Suhagraat Kahani

Maxworkouts For Women

Physics Supplemental Problems Answer Key Ch 27

O Principe Nabo

Harley Fxdc Dyna Service Manual

Logical Reasoning For Competitive Exams

Rubric For Electric Circuit Project

Zulu Paper Paper 2 2013

Zelda Book

Renault Scenic Mk2 Manual

Els Benchmark Test 5th Grade Science

Power Phys Wiley Answers

Quia Lewis Ch 49 Test Bank

Appendix F Information Security Policy Template

Xerox 3050 Service Manual

Big Hearted Farms Bible School Material

Act Aspire Grade Level Materials

Audi Repair Manual

Gary Dessler Human Resource Management 7th Edition

Longman Preparation Toeic Intermediate 5

Alter Ego 2 Cahier D Activites Corrige

Isobars And Air Pressure Answers

Chuka University Courses Offered

Holt American History Answers

Scott Foresman Reading New Beginnings Grade 2 Unit 1

Asce 7 10

Nagin Publication Meerut

June 2008 Edexcel

Download Pdf Aircc

Vocabulary For Achievement Answers Sixth Course

Menaxhimi I Burimeve Njerzore Ymer Havolli

Prehospital Emergency Care Quizzes

1949 Portrait Of Mister Papa Trying To Be Everybodys Father By Malcolm

Fluid Power Training Nfpa Online Store

Passat Cc Owners Manual Free Download

Expresate Holt Spanish 2 Workbook Answers Ch7

Ecosystems And Communities Workbook A Answers

Objective Questions Of Radio Transmitter

Verismo 701 Service Manual Download

Essential Theory For Guitar