Exercise 11 Blood Analysis Activity Blood Typing

review sheet exercise 11 blood analysis name lab date time hematocrit determination the following questions refer to activity 1 hematocrit determination 1 list the following values from chart 1 hematocrit value for healthy male living at sea level in boston 48 hematocrit value for healthy female living at sea level in boston 44 2, exercise 11 blood analysis activity 2 erythrocyte sedimentation rate lab report pre lab quiz results you scored 33 by answering 1 out of 3 questions correctly 1 the erythrocyte sedimentation rate esr your answer a measures the settling of red blood cells rbcs in a sample of whole blood during one minute, progressive resistance exercise and resting blood pressure a meta analysis of randomized controlled trials hypertension 35 838 843 introduction high blood pressure or hypertension is a major health problem affecting 43 million americans which is approximately 24 of the national population kelley amp kelly 2000, the topic of blood types is often taught in school science lessons but experimenting with real blood may not be possible for many good reasonsbecause of the concerns of parents the need for comprehensive risk assessments to prevent infection or the transmission of blood borne disease or the reluctance of students to use their own blood, exercise 11 blood analysis activity 4 blood typing lab report pre lab quiz results you scored 25 by answering 1 out of 4 questions correctly 1 red blood cell membranes have your answer d all of the above correct answer c agglutinogens that specify that individual s blood type, blood typing is used to identify determined by presence or absence of two antigens type a and type b physioex 9 0 exercise 11 blood analysis 75 terms rn physioex 9 0 exercise 11 blood analysis lab 106 terms chapter 17 other sets by this creator 24 terms clinical terms 9 terms operative suffix, for this lab activity you should refer to exercise 11 in your physioex manual pp 146 157 be sure to read the pre lab introduction before carrying out the activities 1 5 part 1 from the main menu select exercise 11 blood analysis from the pull down menu click the go button after making this selection, the how what and why of exercise and type 2 diabetes 4 diet is a crucial aspect of the overall management of diabetes as well as exercise and physical activity type 1 versus type 2 physical activity may also decrease blood pressure and lower stress levels, although the abo blood group name consists of three letters abo blood typing designates the presence or absence of
just two antigens a and b both are glycoproteins people whose erythrocytes have a antigens on their erythrocyte membrane surfaces are designated blood type a and those whose erythrocytes have b antigens are blood type b, activity 4 blood typing 1 how did the appearance of the a b and rh samples for the patient with ab blood type compare with your prediction related topics physioex 9 0 exercise 11 blood analysis activity 1 questions solved physioex exercise 11 blood analysis activity 3 physioex exercise 11 blood analysis activity 4 physioex exercise, exercise training for blood pressure a systematic review and metaanalysis veronique a cornelissen and phd neil a smart phd1faculty of kinesiology and rehabilitation sciences ku leuven leuven belgium2school of science and technology university of new england armidale new south wales 2351 australia, physioex chapter 11 exercise 3 pex 11 03 ramonistry 25 in physioex 2 years ago solved by ramonistry exercise 11 blood analysis activity 3 hemoglobin determination lab report pre lab quiz results you scored 100 by answering 3 out of 3 questions correctly, notes powerpoints the azaria chamberlain case study blood typing notes interpreting blood spatter notes blood spatter notes assignments activities amp worksheets blood spatter scenario worksheets 7bloodbasicsquiz blood basics assignment blood spatter reading questions blood spatter reading blood structure coloring pages introduction to blood crossword introduction to blood wordsearch chapter, blood group blood group classification of blood based on inherited differences in antigens on the surfaces of the red blood cells the most well known classification the abo blood group system was developed by austrian born american biologist karl landsteiner in 1901 learn more about blood groups in this article, blood type teacher resources find blood type lesson plans and worksheets the cross curricular unit covers 11 different types of forensic science and includes 17 activities scholars perform blood type analysis blood spatter analysis height get free access see review, from tutorial 1 you know that the blood type notation indicates what antigens there are on the surface of the red blood cells so to determine blood type you need to find out which antigens are present you can work that out by mixing the patients blood with three different reagents containing either of the three antibodies a b or rh, study exercise 29b blood analysis computer simulation flashcards taken from the book human anatomy amp physiology laboratory manual, blood typing is done prior to a blood transfusion or when classifying a persons blood for donation blood typing is a fast and easy way to ensure that you receive the right kind of blood during, practice lab practical on blood in the above picture identify the white blood cell
what is its primary function this blood cell makes up what of circulating wbcs you are given a blood type testing sample it shows agglutination in the a and b wells identify the blood type, blood analysis can determine how functions of the body are working and if they are working properly the purpose of this lab is to understand how various ailments locations and blood types can affect blood analysis hypothesis hypothesis activity 1 in higher demographic elevation hematocrit levels would be higher, exercise 11 blood analysis activity 4 blood typing lab report pre lab quiz results you scored 100 by answering 4 out of 4 questions correctly red blood cell membranes have you correctly answered c agglutinogens that specify that individual s blood type abo and rh antigens you correctly answered d all of these answers are correct, exercise 11 blood analysis activity 3 hemoglobin determination lab report pre lab quiz results you scored 100 by answering 3 out of 3 questions correctly 1 a protein found in red blood cells is necessary for the transport of oxygen from the lungs to the cells of the, the blood type test is used to determine which antigenic molecules are present on rbcs review the procedures of the test in this interactive tutorial how blood type is determined last update nov 18th 2017 how blood type is determined jump to the quiz at the end of the tutorial, 220 blood and blood spatter activity 8 2 blood typing objectives by the end of this activity you will be able to 1 perform a simulated blood test 2 describe the procedure for testing blood 3 analyze different blood tests to determine the blood type of a suspect 4 describe how blood test results are used to determine if an individual, methods and results randomized controlled trials lasting 4 weeks investigating the effects of exercise on bp in healthy adults age 18 years and published in a peer reviewed journal up to february 2012 were included random effects models were used for analyses with data reported as weighted means and 95 confidence interval, exercise 11 blood analysis activity 4 blood typing lab report pre lab quiz results you scored 100 by answering 4 out of 4 questions correctly 1 red blood cell membranes have you correctly answered c agglutinogens that specify that individual s blood type 2 abo and rh antigens you correctly answered d all of these answers are correct 3, simulated blood typing whodunit lab activity student study guide background aboirh blood system around 1900 karl landsteiner discovered that there are at least four different kinds of human blood determined by the presence or absence of specific agglutinogens antigens on the surface of red blood cells erythrocytes, people can have one of four types of blood a b ab or o a blood type is based on the presence or absence of two proteins a b on the surface of the red blood cells, blood typing basics we will be
determining blood types using anti A serums anti B serums and anti Rh serums use the chart to help you determine the
blood type of each sample and its Rh factor or agglutinins antibodies crime summary a small puddle of blood and a
weapon was found near a garbage can 11 14 2008 8 49 34 pm, wards whodunit simulated ABO blood typing note ward s
has developed an alternative blood typing activity that does not use real blood students will follow a similar procedure
used to type actual human blood and obtain results that closely approximate those obtained by real blood typing, the
blood typing game 2012 winner of the best game category by Swedish learning awards the winner has created a
minimalistic but at the same time captivating graphic design which grabs the user s curiosity the playful teaching method
in this well thought out production creates a desire to learn how one determines blood types their differences and which
ones are compatible for blood, blood typing experiment carolina education consultancy 11 signs of health problems
hidden on your face duration blood types the easy way to remember about 11mins, paul andersen explains the importance
of blood types in blood transfusions he starts with a brief discussion of blood antigens and antibodies he describes how
the ABO differs from the Rh blood, exercise 11 learn about blood learn about blood analysis by completing the following
lab simulation download and open the lab instruction worksheet pdf format for this experiment watch the blood typing
video to understand the importance of matching blood types for blood transfusions, students make a proportional model
of blood out of red gelatin a plastic bag and rice they learn about the different components that make up blood and
investigate what happens when the arteries and veins experience buildup from cholesterol they will then work in pairs to
brainstorm ways to clean our clogged arteries, name ashley wible exercise 11 blood analysis activity 2 erythrocyte
sedimentation rate lab report pre lab quiz results you scored 33 by answering 1 out of 3 questions correctly 1 the
erythrocyte sedimentation rate esr your answer a measures the settling of red blood cells rbcs in a sample of whole blood
during one minute, physioex 9 0 laboratory simulations in physiology is an easy to use laboratory simulation software and
lab manual that consists of 12 exercises containing 66 physiology lab activities that can be used to supplement or
substitute wet labs physioex allows you to repeat labs as often as you like perform experiments without harming live
animals and conduct experiments that are difficult to, blood typing lab activity a small pool of blood and a weapon was
found near a garbage dumpster after examining the area the csi on the scene discovered a body in the garbage dumpster
and identified him as earnest one a wound to his chest that will be analyzed by the the csi tested blood samples from the blood pool crime scene, blood analysis exercise name lab time date 11 143 160 phyex8 hp ch11 1 11 08 8 03 am page 157 13 how can the esr be useful in the evaluation of a patient complaining of chest pains blood type o is considered to be the universal donor type however if type o blood is transfused into a person with blood, blood safety blood can carry diseases and health care professionals must be careful when working with blood a bloodborne pathogen is any disease causing agent that is present in the blood and can be transferred from one person to another examples of blood borne pathogens testing your blood a test kit can be used to test your blood type, name lab time date review sheet blood 29exercisea review sheet 29a 245 composition of blood 1 what is the blood volume of an average size adult male liters an average adult female liters 2 what determines whether blood is bright red or a dull brick red 3 use the key to identify the cell type s or blood elements that fit the, ensure compatibility between the blood type of a person who requires a transfusion of blood or blood components and the abo and rh type of the unit of blood that will be transfused blood typing is performed in conjunction with other tests such as an rbc antibody screen and a crossmatch to determine what type of blood or blood components the, the challenges related to blood glucose management vary with diabetes type activity type and presence of diabetes related complications 5 6 physical activity and exercise recommendations therefore should be tailored to meet the specific needs of each individual physical activity recommendations and precautions may vary by diabetes type, cornelissen va smart na exercise training for blood pressure a systematic review and meta analysis j am heart assoc 2013 2 e004473 this systematic review and meta analysis provides the most up to date information on the effects of exercise training on blood pressure among published randomized controlled trials, study exercise 29a blood flashcards taken from the book human anatomy amp physiology laboratory manual sign in sign in exercise 29a pg 437 441 im making these notecards to help so if you use them please sign up and help add more notecards type o blood because they can usually give blood to the other abo blood types without, exercise 11 blood analysis activity 4 blood typing lab report pre lab quiz results you scored 100 by answering 4 out of 4 questions correctly 1 red blood cell membranes have you correctly answered c agglutinogens that specify that individual s blood type 2 abo and rh antigens you correctly answered d all of these answers are correct, people can receive transfusions of only certain blood types depending on the type of blood they
have if incompatible blood types are mixed erythrocyte destruction agglutination and other problems can occur by using the abo rh blood typing one can find their blood type and compatablity additionally the abo blood groups and other inherited, search strategy a database of randomized controlled trials on the effect of exercise training on bp was started in 1985 12 and updated in 1994 13 1999 14 2003 9 10 and again for the current metaanalysis potential new studies were identified by a systematic review librarian, start studying physioex 9 0 exercise 11 blood analysis learn vocabulary terms and more with flashcards games and other study tools
Essay on Physioex Review Sheet Exercise 11 894 Words
April 14th, 2019

Review Sheet Exercise 11 Blood Analysis
NAME LAB DATE TIME

Hematocrit Determination
The following questions refer to Activity 1 Hematocrit Determination
1. List the following values from Chart 1 Hematocrit value for healthy male living at sea level in Boston: 48
2. Hematocrit value for healthy female living at sea level in Boston: 44

physioex 11 2 Essay 601 Words Bartleby
November 9th, 2014

Exercise 11 Blood Analysis
Activity 2 Erythrocyte Sedimentation Rate
Lab Report
Pre lab Quiz
Results
You scored 33 by answering 1 out of 3 questions correctly.

The erythrocyte sedimentation rate (ESR) measures the settling of red blood cells (RBCs) in a sample of whole blood during one minute.

Exercise and Resting Blood Pressure
University of New Mexico
April 20th, 2019

Progressive resistance exercise and resting blood pressure: A meta analysis of randomized controlled trials.

Hypertension 35 838 843

Introduction:
High blood pressure or hypertension is a major health problem affecting 43 million Americans, which is approximately 24% of the national population. (Kelley & Kelly, 2000)

Investigating blood types
www.scienceinschool.org
April 20th, 2019

The topic of blood types is often taught in school science lessons, but experimenting with real blood may not be possible for many good reasons—because of the concerns of parents, the need for comprehensive risk assessments to prevent infection or the transmission of blood-borne diseases, or the reluctance of students to use their own blood.

PEX 11 04 Exercise 11 Blood Analysis Activity 4 Blood
April 11th, 2019

Exercise 11 Blood Analysis Activity 4 Blood Typing
Lab Report
Pre lab Quiz
Results
You scored 25 by answering 1 out of 4 questions correctly.

1. Red blood cell membranes have... all of the above. Correct answer: c. Agglutinogens that specify that individual's blood type.

Exercise 11 blood analysis Flashcards Quizlet
November 27th, 2018

Blood typing is used to identify determined by presence or absence of two antigens: type A and type B. PhysioEx 9.0 Exercise 11 blood analysis 75 terms
RN PhysioEx 9.0 Exercise 11 blood analysis IAB 106 terms

Chapter 17 OTHER SETS BY THIS CREATOR
24 terms CLinical Terms
9 terms Operative suffix

Blood Analysis
April 20th, 2019

For this lab activity, you should refer to Exercise 11 in your PhysioEx manual pp 146-157. Be sure to read the pre lab introduction before carrying out the activities. Part 1 From the Main Menu select Exercise 11 Blood Analysis from the pull down menu; click the Go button after making this selection.

The how what and why of exercise and type 2 diabetes
June 14th, 2017

The how what and why of exercise and type 2 diabetes. 4. Diet is a crucial aspect of the overall management of diabetes as well as exercise and physical activity. Type 1 versus Type 2. Physical activity may also decrease blood pressure and lower stress levels.

18 6 Blood Typing – Anatomy and Physiology
opentextbc.ca
April 18th, 2019

Although the ABO blood group name consists of three letters: ABO. Blood typing designates the presence or absence of just two antigens: A and B. Both are glycoproteins. People whose erythrocytes have A antigens on their erythrocyte membrane surfaces are designated blood type A and those whose erythrocytes have B antigens are blood type B.

PhysioEx Exercise 11 blood analysis activity 4
April 20th, 2019

Activity 4 Blood Typing
1. How did the appearance of the A, B, and Rh samples for the patient with AB blood type compare with your prediction?

Related Topics
PhysioEx 9.0 Exercise 11 Blood Analysis Activity 1 Questions
Solved PhysioEx Exercise 11 blood analysis activity 3
PhysioEx Exercise 11 blood analysis activity 4

Exercise Training for Blood Pressure: A Systematic Review
How Blood Type is Determined GetBodySmart
April 20th, 2019 - The blood type test is used to determine which antigenic molecules are present on RBCs. Review the procedures of the test in this interactive tutorial How Blood Type is Determined. Last update Nov 18th 2017 How Blood Type is Determined Jump to the quiz at the end of the tutorial

ACTIVITY 8 1 A PRESUMPTIVE TEST FOR BLOOD
April 10th, 2019 - 220 Blood and Blood Spatter ACTIVITY 8 2 BLOOD TYPING Objectives By the end of this activity you will be able to 1 Perform a simulated blood test 2 Describe the procedure for testing blood 3 Analyze different blood tests to determine the blood type of a suspect 4 Describe how blood test results are used to determine if an individual

Exercise training for blood pressure a systematic review
April 4th, 2018 - METHODS AND RESULTS Randomized controlled trials lasting ≥4 weeks investigating the effects of exercise on BP in healthy adults age ≥18 years and published in a peer reviewed journal up to February 2012 were included. Random effects models were used for analyses with data reported as weighted means and 95% confidence interval

Exercise 11 Blood Analysis Activity 4 Blood Typing Lab
April 18th, 2019 - Exercise 11 Blood Analysis Activity 4 Blood Typing Lab Report Pre lab Quiz Results You scored 100 by answering 4 out of 4 questions correctly. 1 Red blood cell membranes have You correctly answered c agglutinogens that specify that individual’s blood type 2 ABO and Rh antigens You correctly answered d All of these answers are correct. 3

Simulated Blood Typing Whodunit Lab Activity Student Study
April 18th, 2019 - Simulated Blood Typing Whodunit Lab Activity Student Study Guide BACKGROUND ABOIRh Blood System Around 1900 Karl Landsteiner discovered that there are at least four different kinds of human blood determined by the presence or absence of specific agglutinogens antigens on the surface of red blood cells erythrocytes

Blood Type Lab mbusd.org
April 17th, 2019 - People can have one of four types of blood A B AB or O. A blood type is based on the presence or absence of two proteins A B on the surface of the red blood cells.

Forensic Science Blood Typing Basics sciencespot.net
April 19th, 2019 - Blood Typing Basics We will be determining blood types using Anti A serums Anti B serums and Anti Rh serums. Use the chart to help you determine the blood type of each sample and its Rh factor or Agglutinins Antibodies Crime Summary A small puddle of blood and a weapon was found near a garbage can 11 14 2008 8 49 34 PM

Ward’s Whodunit Simulated ABO Blood Typing
April 16th, 2019 - Ward’s Whodunit Simulated ABO Blood Typing Note WARD S has developed an alternative blood typing activity that does not use real blood. Students will follow a similar procedure used to type actual human blood and obtain results that closely approximate those obtained by real blood typing.

The Blood Typing Game about blood groups blood typing
April 21st, 2019 - The Blood Typing Game 2012 winner of the Best game category by Swedish Learning Awards. The winner has created a minimalistic but at the same time captivating graphic design which grabs the user’s curiosity. The playful teaching method in this well thought out production creates a desire to learn how one determines blood types their differences and which ones are compatible for blood.

Blood typing experiment
April 7th, 2019 - Blood typing experiment Carolina Education Consultancy 11 Signs of Health Problems Hidden On Your Face Duration Blood Types The Easy Way to Remember about 11mins
Blood Types
April 7th, 2019 - Paul Andersen explains the importance of blood types in blood transfusions. He starts with a brief discussion of blood antigens and antibodies. He describes how the ABO differs from the Rh blood.

11 Blood Analysis
April 18th, 2019 - Exercise 11 Learn about Blood. Learn about Blood Analysis by completing the following lab simulation. Download and open the lab instruction worksheet PDF format for this experiment. Watch the Blood Typing video To understand the importance of matching blood types for blood transfusions.

Blood Cell Basics Activity TeachEngineering
April 16th, 2019 - Students make a proportional model of blood out of red gelatin, a plastic bag, and rice. They learn about the different components that make up blood and investigate what happens when the arteries and veins experience buildup from cholesterol. They will then work in pairs to brainstorm ways to clean our clogged arteries.

Physioex Review Sheet Exercise 11 Essay Bartleby.com
November 12th, 2018 - Name: Ashley Wible. Exercise 11 Blood Analysis Activity 2 Erythrocyte Sedimentation Rate Lab Report. Pre lab Quiz Results. You scored 33 by answering 1 out of 3 questions correctly. 1. The erythrocyte sedimentation rate ESR. Your answer a measures the settling of red blood cells RBCs in a sample of whole blood during one minute.

PhysioEx TM 9 0 Laboratory Simulations in Physiology
April 20th, 2019 - PhysioEx™ 9 0 Laboratory Simulations in Physiology is an easy-to-use laboratory simulation software and lab manual that consists of 12 exercises containing 66 physiology lab activities that can be used to supplement or substitute wet labs. PhysioEx allows you to repeat labs as often as you like perform experiments without harming live animals and conduct experiments that are difficult to.

Rh B Rh B sciencespot.net
April 19th, 2019 - Blood Typing Lab Activity A small pool of blood and a weapon was found near a garbage dumpster. After examining the area the CSI on the scene discovered a body in the garbage dumpster and identified him as Earnest “One a wound to his chest that will be analyzed by the The CSI tested blood samples from the blood pool crime scene.

11 143 160 PhyEx8 HP Ch11 San Diego Miramar College
March 27th, 2019 - Blood Analysis. EXERCISE NAME LAB TIME DATE 11 143 160 PhyEx8 HP Ch11 1 11 08 8 03. AM Page 157 13. How can the ESR be useful in the evaluation of a patient complaining of chest pains. Blood type O is considered to be the universal donor type However if type O blood is transfused into a person with blood.

BLOOD TYPING The Biology Corner
April 19th, 2019 - Blood Safety. Blood can carry diseases and health care professionals must be careful when working with blood. A bloodborne pathogen is any disease causing agent that is present in the blood and can be transferred from one person to another. Examples of blood borne pathogens. Testing Your Blood. A test kit can be used to test your blood type.

NAME LAB TIME DATE REVIEW SHEET Blood A
April 19th, 2019 - NAME LAB TIME DATE REVIEW SHEET Blood 29exerciseA Review Sheet 29a 245 Composition of Blood 1. What is the blood volume of an average size adult male liters? An average adult female liters 2. What determines whether blood is bright red or a dull brick red 3. Use the key to identify the cell type s or blood elements that fit the.

Blood Typing Lab Tests Online
April 19th, 2019 - Ensure compatibility between the blood type of a person who requires a transfusion of blood or blood components and the ABO and Rh type of the unit of blood that will be transfused. Blood typing is performed in conjunction with other tests such as an RBC antibody screen and a crossmatch to determine what type of blood or blood components the.

Physical Activity Exercise and Diabetes A Position
February 9th, 2016 - The challenges related to blood glucose management vary with diabetes type activity type and presence of diabetes related complications. Physical activity and exercise recommendations therefore should be tailored to meet the specific needs of each individual. Physical activity recommendations and precautions may vary by diabetes type.

**Physical Activity and the Prevention of Hypertension**
June 9th, 2013 - Cornelissen VA Smart NA Exercise training for blood pressure a systematic review and meta analysis J Am Heart Assoc 2013 2 e004473 This systematic review and meta analysis provides the most up to date information on the effects of exercise training on blood pressure among published randomized controlled trials.

**Exercise 29A Blood Flashcards Easy Notecards**
April 19th, 2019 - Study Exercise 29A Blood flashcards taken from the book Human Anatomy amp Physiology Laboratory Manual Sign in Sign in Exercise 29A pg 437 441 Im making these notecards to help so if you use them please sign up and help add more notecards TYPE O BLOOD BECAUSE THEY CAN USUALLY GIVE BLOOD TO THE OTHER ABO BLOOD TYPES WITHOUT.

**PEX 11 04 Exercise 11 Blood Analysis Activity 4 Blood**
April 14th, 2019 - Exercise 11 Blood Analysis Activity 4 Blood Typing Lab Report Pre lab Quiz Results You scored 100 by answering 4 out of 4 questions correctly 1 Red blood cell membranes have You correctly answered c agglutinogens that specify that individual s blood type 2 ABO and Rh antigens You correctly answered d All of these answers are correct.

**ABO Rh Blood Typing Lab Quia**
April 11th, 2019 - People can receive transfusions of only certain blood types depending on the type of blood they have. If incompatible blood types are mixed erythrocyte destruction agglutination and other problems can occur. By using the ABO Rh blood typing one can find their blood type and compatibility. Additionally the ABO blood groups and other inherited.

**Exercise Training for Blood Pressure A Systematic Review**
March 28th, 2019 - Search Strategy A database of randomized controlled trials on the effect of exercise training on BP was started in 1985 12 and updated in 1994 13 1999 14 2003 9 10 and again for the current meta analysis. Potential new studies were identified by a systematic review librarian.

**PhysioEx 9 0 Exercise 11 blood analysis Flashcards Quizlet**
April 5th, 2019 - Start studying PhysioEx 9 0 Exercise 11 blood analysis Learn vocabulary terms and more with flashcards games and other study tools.
blood, exercise training for blood pressure a systematic review, exercise 11 blood analysis activity 4 blood typing lab, simulated blood typing whodunit lab activity student study, blood type lab mbusd org, forensic science blood typing basics sciencespot net, wards whodunit simulated abo blood typing, the blood typing game about blood groups blood typing, blood typing experiment, blood types, 11 blood analysis, blood cell basics activity teachengineering, physioex review sheet exercise 11 essay bartleby com, physioex tm 9 0 laboratory simulations in physiology, rh b rh b sciencespot net, 11 143 160 phyex8 hp ch11 san diego miramar college, blood typing the biology corner, name lab time date review sheet blood a, blood typing lab tests online, physical activity exercise and diabetes a position, physical activity and the prevention of hypertension, exercise 29a blood flashcards easy notecards, pex 11 04 exercise 11 blood analysis activity 4 blood, abo rh blood typing lab quia, exercise training for blood pressure a systematic review, physioex 9 0 exercise 11 blood analysis flashcards quizlet