
Chemistry 12 Worksheet 2 Answers

chemistry 12 worksheet 1-3 - reaction mechanisms - chemistry 12 unit 1 - reaction kinetics worksheet 1-3 - reaction mechanisms page 2 d) given that the uncatalyzed overall reaction is a slow exothermic reaction, draw a potential energy graph which shows the possible shape of the curve for the uncatalyzed reaction. on the same graph, show a possible curve for the catalyzed reaction. **chemistry 12 worksheet 1-3 - reaction mechanisms** - chemistry 12 unit 1 - reaction kinetics worksheet 1-3 - reaction mechanisms page 2 d) given that the uncatalyzed overall reaction is a slow exothermic reaction, draw a potential energy graph which shows the possible shape of the curve for the uncatalyzed reaction. on the same graph, show a possible curve for the catalyzed reaction. **chemistry 12 worksheet 4-5 hydrolysis** - chemistry 12 worksheet 4-5—hydrolysis chemistry 12 -worksheet 4-5—hydrolysis page 3 of 3 pages 7. write the dissociation equations for each of the following. determine the K_a for the cation and the K_b for the anion and state whether the salt acts as an acid or a base in water. (12 marks) a) $(NH_4)_2SO_3$ **chemistry 12 - cpb-ca-c1.wpmucdn** - chemistry 12 unit 1-reaction kinetics chemistry 12 worksheet 1-2 - potential energy diagrams use the potential energy diagram to answer the questions below: 1. is the overall reaction as shown exothermic or endothermic? 2. what is the activation energy for the forward reaction? **chemistry 12* name: rate laws* worksheet date: block: @1 ...** - chemistry 12* rate laws* worksheet* name: date: block: !!! 1. consider the initial rate data for the reaction, !!! !!! $3x + 2y \rightarrow z$ * $[x]$ * $[y]$ * rate * (mol/l@s) ... **chemistry 12 unit 2 - chemical equilibrium chemistry 12 ...** - chemistry 12 unit 2 - chemical equilibrium worksheet 2-1 - equilibrium, enthalpy and entropy page 3 17. for each of the following, decide whether the reactants or the products have greater entropy: a) $I_2(s)$ $I_2(g)$ the _____ have greater entropy. b) $4PH_3(g)$ $P_4(g)$ + $6H_2(g)$ **chemistry 12 worksheet 1-1 - measuring reaction rates** - chemistry 12 unit 1-reaction kinetics worksheet 1-1 measuring reaction rates page 2 b) if the rate of consumption of magnesium is 5.0×10^{-9} mol/s, find the rate of consumption of HCl in moles/s.. answer _____ **chemistry calculation review name chem worksheet 12-1** - 12. na 2o convert the following measurements. show all work, including units that cancel. 13. 18.2 g ? mol 14. 98.5×10^{24} mol ecu sno 2 mol 15. 82.6 l of ne at stp m l 16. 4.1 g of na 2o mol 17. .3 mol so 3 it r 18. $a. 1.4 \times 10^{24}$ atoms f k l chemistry calculation review name _____ chem worksheet 12-1 **chem 12: chapters 10, 11, 12, 13, 14 unit 3 worksheet** - m hcl solution from concentrated 12.0 m hcl solution. $m_1 v_1 = m_2 v_2$ require 50.0 ml of 12 m hcl and water in a container add about 200 ml of water, then 50.0 ml of 12 m hcl, mix and add more water until the total volume comes to 300 ml total 8. solve for the grams of potassium nitrate in 40.5 grams of 14.8 % KNO_3 solution. 5.99 g KNO_3 9. **stoichiometry problems name chem worksheet 12-2** - stoichiometry problems name _____ chem worksheet 12-2 stoichiometry strategy amount moles molar mass (g/mol) 22.4 l/mol known unknown mass mass volume of gas at stp liters particles atoms, molecules, formula units 6.02×10^{23} particles/mol mass grams at stp liters particles atoms, molecules, formula units **chemistry 12 worksheet 4-2 bronsted acids and equilibria** - chemistry 12 worksheet 4-2—bronsted acids and equilibria chemistry 12-worksheet 4-2—bronsted acids and equilibria page 1 of 7 pages chemistry 12 worksheet 4-2 bronsted acids and equilibria 1. write the formula for a proton 2. write the formula for a hydrated proton 3. write the formula for a hydronium ion 4. **chemistry 12: equilibrium worksheet #2: expressions, "at ...** - chemistry 12: equilibrium worksheet #2: expressions, "at equilibrium" and beginner's ice table calculations complete the following assignment on a separate sheet of paper. 1) write the equilibrium expression (K_{eq}) for the following reactions. (1 mark each) a. $PCl_3(g) + Cl_2(g) \rightleftharpoons PCl_5(g)$ **honors chemistry name chapter 12: molarity, molality ...** - 12. what is the concentration of each type of ion and total concentration of ions in a 0.375 m ammonium phosphate solution? 13. how many moles of chloride ions are in 1.50 l of 4.15 m zinc chloride? answers 1. 0.098 moles of alcohol 7. 0.88m, 0.91m 2. 5.0×10^{-4} l solution 8. 0.43m, 0.43m 3. 25.9 x 10 g solution 9. **ck-12 chemistry workbook - wikimedia commons** - 9.5 lesson 9.5 transition elements 57 9.6 lesson 9.6 lanthanide and actinide series 57 10 trends on the periodic table worksheets 59 **unit chemistry 12 [k12] worksheet 2-1 - equilibrium ...** - worksheet 2-1 -equilibrium, enthalpy and entropy page 1. chemistry 12 unit 2-chemical equilibrium 10. given sufficient activation energy, a system not at equilibrium will eventually move toward ... chemistry 12 i-froq' ~, c) $4PH_3(g) \rightleftharpoons P_4(s) + 6H_2(g)$ +37 kJ **unit 2-chemical equilibrium hess's law worksheet answers - lozon** - hess's law worksheet - answers 1. calculate ΔH for the reaction: $C_2H_4(g) + H_2(g) \rightarrow C_2H_6(g)$, from the following data. $C_2H_4(g) + 3O_2(g) \rightarrow 2CO_2(g) + 2H_2O(l)$... **calculating ph and poh worksheet** - calculating ph and poh worksheet w 335 everett community college tutoring center student support services program 1) what is the ph of a 0.0235 m hcl solution? 2) what is the poh of a 0.0235 m hcl solution? 3) what is the ph of a 6.50×10^{-3} m koh solution? (hint: this is a basic solution - concentration is of OH^-) **worksheets for organic chemistry - cffet** - chemistry of natural substances - organic chemistry worksheets 3 worksheet 2 hydrocarbons question 1. give the systematic name for the following compounds. Cl-CH₂-CH₂-Br a. b. c. e. f. d. question 2. draw structures corresponding to the following names. which name is incorrect and what is its correct name. **ck-12 chemistry - intermediate workbook** - true/false: applied chemistry does not have a specific goal or application. 12 search that develops a new type of fireproof fabric is (pure, applied) chemistry. 13 studying the chemical processes involved in the

formation of elements in the sun is an example of (pure, applied) chemistry. 14e following is an example of pure chemistry **chemistry 12 potential energy diagrams worksheet** - chemistry 12 potential energy diagrams worksheet name: date: block: use the potential energy diagram to answer the questions below: 1. is the overall reaction as shown exothermic or endothermic? 2. what is the activation energy for the forward reaction? 3. what is the activation energy for the reverse reaction? 4. **the free high school science texts: textbooks for high ...** - fhsst authors the free high school science texts: textbooks for high school students studying the sciences chemistry grades 10 - 12 version 0 november 9, 2008 **chemistry 12 final worksheet - moorpark college** - chemistry 12 final worksheet 1. rules for significant figures example sig. fig's i) non-zero numbers always count 12.34 ___ ii) zeros a) leading zeros never count 0.002 ___ **chemistry 12 name: reaction mechanisms worksheet date: block** - chemistry 12 reaction mechanisms worksheet name: date: block: 1. it is known that compounds called chlorofluorocarbons (c.f.c.s) (eg. CFCl_3) will break up in the presence of ultraviolet radiation, such as found in the upper atmosphere, **document1 - gettin' smart with mrs. r** - chemistry 12 worksheet 4-4—ka & kb calculations chemistry 12 worksheet 4-4 ka and kb calculations name due date correct and hand in by note: for this worksheet, you must show all of your steps in each calculation. **chapter 12: standard review worksheet** - chapter 12: standard review worksheet 1. the strength of a chemical bond is commonly described in terms of the bond energy, which is the quantity of energy required to break the bond. 2. we know that ionically bonded solids do not conduct electricity in the solid state (because **gas law's worksheet - willamette leadership academy** - chemistry gas law's worksheet 15. at what temperature celsius will 19.4 g of molecular oxygen, O_2 , exert a pressure of 1820 mm hg in a 5.12 l cylinder? 14. a bubble of helium gas has a volume of 0.650 ml near the bottom of a large aquarium where the pressure is 1.54 atm and the temperature is 12°C . **worksheet: le chatelier's principle name** - worksheet: le chatelier's principle name ___ chemistry: a study of matter © 2004, gpb 12.11 if a system at equilibrium is subjected to a ____, the equilibrium is **limiting reactions chem worksheet 12-3 answers** - limiting reactions chem worksheet 12-3 answers >>>click here