

**Stoichiometry Practice**

1. Find the mass of zinc required to produce 10.0 g of hydrogen gas when zinc reacts with hydrochloric acid.
 
$$Zn + 2HCl \rightarrow ZnCl_2 + H_2$$

$$10.0 \text{ g } H_2 \times \frac{1 \text{ mol } H_2}{2.016 \text{ g}} \times \frac{1 \text{ mol } Zn}{1 \text{ mol } H_2} \times \frac{65.38 \text{ g}}{1 \text{ mol } Zn} = 326.9 \text{ g } Zn$$
2. How many grams of aluminum chloride are produced when aluminum reacts with 10.0 grams of hydrochloric acid?
 
$$2Al + 6HCl \rightarrow 2AlCl_3 + 3H_2$$

$$10.0 \text{ g } HCl \times \frac{1 \text{ mol } HCl}{36.46 \text{ g}} \times \frac{2 \text{ mol } AlCl_3}{6 \text{ mol } HCl} \times \frac{133.49 \text{ g}}{1 \text{ mol } AlCl_3} = 12.1 \text{ g } AlCl_3$$
3. How many grams of  $H_2$  will form when 10.0 g of zinc reacts with hydrochloric acid to produce 10.0 g of  $ZnCl_2$ ?
 
$$Zn + 2HCl \rightarrow ZnCl_2 + H_2$$

$$10.0 \text{ g } Zn \times \frac{1 \text{ mol } Zn}{65.38 \text{ g}} \times \frac{2 \text{ mol } H_2}{1 \text{ mol } Zn} \times \frac{2.016 \text{ g}}{1 \text{ mol } H_2} = 6.1 \text{ g } H_2$$
4. How many grams of carbon will react with 10.0 g of aluminum metal?
 
$$2Al + 3C \rightarrow Al_2C_3$$

$$10.0 \text{ g } Al \times \frac{1 \text{ mol } Al}{26.98 \text{ g}} \times \frac{3 \text{ mol } C}{2 \text{ mol } Al} \times \frac{12.01 \text{ g}}{1 \text{ mol } C} = 29.9 \text{ g } C$$
5. How many grams of silver bromide can be produced by the action of 10.0 grams of silver nitrate with 1.0 gram of sodium bromide?
 
$$AgNO_3 + NaBr \rightarrow AgBr + NaNO_3$$

$$10.0 \text{ g } AgNO_3 \times \frac{1 \text{ mol } AgNO_3}{169.87 \text{ g}} \times \frac{1 \text{ mol } AgBr}{1 \text{ mol } AgNO_3} \times \frac{235.74 \text{ g}}{1 \text{ mol } AgBr} = 14.0 \text{ g } AgBr$$

$$1.0 \text{ g } NaBr \times \frac{1 \text{ mol } NaBr}{102.89 \text{ g}} \times \frac{1 \text{ mol } AgBr}{1 \text{ mol } NaBr} \times \frac{235.74 \text{ g}}{1 \text{ mol } AgBr} = 2.3 \text{ g } AgBr$$
6. How many grams of oxygen gas do you produce if 20.0 grams of copper(II) oxide reacts with 20.0 grams of hydrogen gas?
 
$$CuO + H_2 \rightarrow Cu + H_2O$$

$$20.0 \text{ g } CuO \times \frac{1 \text{ mol } CuO}{79.54 \text{ g}} \times \frac{1 \text{ mol } O_2}{2 \text{ mol } CuO} \times \frac{32.00 \text{ g}}{1 \text{ mol } O_2} = 4.0 \text{ g } O_2$$

$$20.0 \text{ g } H_2 \times \frac{1 \text{ mol } H_2}{2.016 \text{ g}} \times \frac{1 \text{ mol } O_2}{2 \text{ mol } H_2} \times \frac{32.00 \text{ g}}{1 \text{ mol } O_2} = 1.6 \text{ g } O_2$$

Click here to access this Book :

[\*\*FREE DOWNLOAD\*\*](#)







# Stoichiometry Worksheet 1 Mass Answers

## [Stoichiometry Worksheet 1 Mass Answers](#)

### Stoichiometry Worksheet 1 Mass Answers

Created Date: 1/13/2016 3:47:52 PM

#### Home - Crestwood Local School District

Stoichiometry Worksheet #1: Worked Solutions Answer the following questions on your own paper. Show all work. Circle the final answer, giving units and the correct number of significant figures. 1. Based on the following equation, how many moles of each product are produced when 5.9 moles of Zn(OH) 2 are reacted with H 3 PO 4? (You need to balance the equation.) Zn(OH) 2 + H 3 PO 4 ----> Zn 3 ...

#### Stoichiometry Worksheet #1: Worked Solutions

Stoichiometry Worksheet Answers Return to Stoichiometry menu Return to worksheet 1. a. 2 / 13 b. 13 / 8 c. 13 / 10 d. 2 / 8 (or 1 / 4) e. 2 / 10 (or 1 / 5) 2. The KClO3 / O2 molar ratio is 2/3. 2 mol KClO3 / 3 mol O2 = 12.00 mol KClO3 / x = 18.00 mol, x = 18.00 mol of O2 3. Given the following equation: 2 K + Cl2 ---&gt; 2 KCl How many grams of KCl is produced from 2.50 g of K and excess Cl2 ...

#### Stoichiometry Worksheet Answers - Studylib

Key Worksheet Chemistry stoichiometry worksheet mass mass answer key. Chemical Reactions and Stoichiometry. Given the equation 3A + B → C + D, you react 1 mole of A with 3 moles of B. True or false: B; is the limiting reactant because you have fewer moles of B than A. Answer: False. NaHCO 3; is the active ingredient in baking soda. How many grams of oxygen are in 0.35 g of Chemistry ...

#### [HOT!] Chemistry Stoichiometry Worksheet Mass Mass Answer ...

Stoichiometry Answers Worksheet Stoichiometry Worksheet #1 Answers - Peninsula School District. Stoichiometry Worksheet #1 Answers 1. Given the following equation: 2 C 4H 10 + 13 O 2 ----> 8 CO 2 + 10 H 2O, show what the following molar ratios should be. a. C 4H 10 / O 2 b.

#### Answers To Stoichiometry Worksheet

stoichiometry worksheet 1 mass answers Stoichiometry Worksheet 1 Mass Answers Stoichiometry Worksheet 1 Mass Answers \*FREE\* stoichiometry worksheet 1 mass answers STOICHIOMETRY WORKSHEET 1 MASS ANSWERS Author : Franziska Wulf Gideon Zero To Hero Sermon Gideon Zero To Hero Sermon Tegneserie HunderAutocourse Official History Cart The First 20 Years 1979 1998 Hazleton HistoryAuto Le Engineering ...

#### Stoichiometry Worksheet 1 Mass Answers - gallery.ctsnet.org

Stoichiometry Mole Mass Answers. Stoichiometry Mole Mass Answers - Displaying top 8 worksheets found for this concept.. Some of the worksheets for this concept are Stoichiometry practice work, Stoichiometry 1 work and key, Stoichiometry work 1 answers, Chemistry computing formula mass work, Work on moles and stoichiometry, Stoichiometry work, Chemistry work name stoichiometry mass mole, Work ...

#### Stoichiometry Mole Mass Answers Worksheets - Kiddy Math

Stoichiometry Worksheet and Key 1.65 mol KClO 3 mol KClO 3 mol O 2 = mol O 2 3.50 mol KCl = mol KClO 3 = 0.275 mol Fe = mol Fe 2O 3 = = 2 KClO 3 è 2 KCl + 3 O 2

10. How many ...

#### stoichiometry 1 worksheet and key - Saddleback College

12.4: Mass-Mass Stoichiometry Last updated; Save as PDF Page ID 53792; Mass to Mass Problems; Summary; Contributors and Attributions; I want to send 250 grams of shelled walnuts to a friend (don't ask why - just go with the question). How many walnuts in shells do I need to buy? To figure this out, I need to know how much the shell of a walnut weighs (about 40%) of the total weight of the ...

#### 12.4: Mass-Mass Stoichiometry - Chemistry LibreTexts

Answer Key to "Practice - Stoichiometry: Mass to Mass Worksheet 1.0" 4 Questions All answers included; all of the work is shown also.docx fileTheChemteacher.weebly.comThe Chemistry Teacher on YouTube...

#### Practice - Stoichiometry: Mass to Mass Worksheet 1.0 ...

stoichiometry homework worksheet answers, stoichiometry worksheet balance the equation, stoichiometry worksheet mass to mass, stoichiometry worksheet section 11 1, stoichiometry worksheet 2 percent yield answer key,

#### Stoichiometry Worksheet 1 Answers | Mychaume.com

AP Chemistry Stoichiometry Worksheet 1 Problem 1 by Sarah English 4 years ago 5 minutes, 43 seconds 1,720 views This video aligns to , Stoichiometry worksheet , 1 and walks through how to solve the first problem on the page. The example pH Analysis and Stoichiometry pH Analysis and Stoichiometry by Yang Ouyang 7 months ago 27 minutes 633 views The lessons are for the NEYRAC students in my ...

#### Chemistry Stoichiometry Worksheet And Answers

Stoichiometry Mole Mass. Displaying top 8 worksheets found for - Stoichiometry Mole Mass. Some of the worksheets for this concept are Stoichiometry practice work, Work on moles and stoichiometry, Stoichiometry work 1 answers, Chemistry computing formula mass work, Mole to grams grams to moles conversions work, Mole calculation work, Work molemole problems name, Chemistry work name ...

#### Stoichiometry Mole Mass Worksheets - Learny Kids

Stoichiometry Worksheet 1 Mass Answers This is likewise one of the factors by obtaining the soft documents of this stoichiometry worksheet 1 mass answers by online. You might not require more become old to spend to go to the book launch as capably as search for them. In some cases, you likewise pull off not discover the revelation stoichiometry ...

#### Stoichiometry Worksheet 1 Mass Answers

Stoichiometry Practice Worksheet Solve the following stoichiometry grams-grams problems: 1) Using the following equation: 2 NaOH + H 2SO 4 2 H 2O + Na 2SO 4 How many grams of sodium sulfate will be formed if you start with 200.0 grams of sodium hydroxide and you have an excess of sulfuric acid? 2) Using the following equation: Pb(SO 4) 2 + 4 LiNO 3 Pb(NO 3) 4 + 2 Li 2SO 4 How many grams of ...

#### Stoichiometry Practice Worksheet - Social Circle City Schools

CHM 130 Stoichiometry Worksheet The following flow chart may help you work stoichiometry problems. Remember to pay careful attention to what you are given, and what you are trying to find. 1. Fermentation is a complex chemical process of making wine by converting glucose into ethanol and carbon dioxide: C 6 H 12 O 6 (s) 2 C 2 H 5

OH (l) + 2 CO 2 (g) A. Calculate the mass of ethanol produced if ...

#### CHM 130 Stoichiometry Worksheet - web.gccaz.edu

Access PDF Worksheet Mole Mass Problems Answers Worksheet Mole Mass Problems Answers Mole-Mole Worksheet Mole-Mole Worksheet by SMHSCHEM 7 years ago 20 minutes 652 views This , worksheet , illustrates how to convert from , moles , of one substance to , moles , of another substance using a balanced equation. Worksheet - Mole Conversions Worksheet - Mole Conversions by heymisschem 7 years ago 6 ...

#### Worksheet Mole Mass Problems Answers

Mole Conversions and Stoichiometry Review Worksheet. 1) ... Using the equation from problem #1, determine the mass of aluminum acetate that can be made if I do this reaction with 125 grams of acetic acid and 275 grams of aluminum hydroxide. c)What is the limiting reagent in problem #2? d)How much of the excess reagent will be left over after the reaction is complete? Find the molarity of the ...

#### Stoichiometry Practice Worksheet - Issaquah Connect

Stoichiometry Worksheet #1 Answers Stoichiometry Worksheet #1 Answers 1. Stoichiometry: Mass-to-Mass Conversions Wksht #1. KEY WITH SOLUTIONS. Chemistry Unit 6: Stoichiometry. 22 mol of H 2 react. Gas Stoichiometry Worksheet - everettcc. Calculate its average atomic mass. Chem Worksheet 16-1. pdfj - Read File Online - Report Abuse. Stoichiometry 3 and Key. 8 g O 2 1 mole O 2. See your ...

Thank you completely a lot to download [Stoichiometry Worksheet 1 Mass Answers](#) . Most likely you know that people have look many times for their favorite books in the manner of this Stoichiometry Worksheet 1 Mass Answers, but end happening in harmful downloads.

Rather than enjoying a good book taking into account a cup of coffee in the afternoon, on the other hand they juggled similar to a harmful virus inside their computer. **Stoichiometry Worksheet 1 Mass Answers** is awesome in our digital library an online access is defined as public given this you can download it instantly. Our digital library records in compound countries, allowing you get the least amount of latency times to download from our books when this one. Simply put, the Stoichiometry Worksheet 1 Mass Answers is universally compatible imitatingde tout appareil à lire.

[Discos Que Hay Que Escuchar Antes De Morir](#), [Ap English Composition Multiple Choice Answers](#), [1sz Engine](#), [Engine](#), [Think Level 4 Student S Book](#), [Discos Que Hay Que Escuchar Antes De Morir Musica](#), [5 Challenge Problem Accounting Answers](#), [Vw Beetle 1300 Workshop](#), [Toyota Corolla Engine Codes](#), [Ahead 1 Fellag Linda](#), [Mystery Tome 11 Jonathan Fly](#), [Fung Fos Bos Bayern Betriebswirtschaftslehre Mit Rechnungswesen 13 Klasse](#), [Strategy Text Cases 11th Edition](#), [2014 Question Paper Mopani District](#), [Discovery Always 100% Unconventional](#), [Dressage Exercises Horse Rider Jec](#), [Accounting Fischer 11th Edition Solutions Free](#), [Basics And Applications 1st Edition](#), [En Iso 11133 Book Mediafile Free File Sharing](#), [Hyundai Santa Fe Freon Capacity](#), [1 Nervous System Answer Key](#), [Accounting 11th Edition Beams Test Bank](#), [2 Microeconomics Lesson 1 Activity 10 Answer Key](#), [2 Human Chromosomes 349 353 Answers](#), [Zoology Question Answer](#), [Can Read A Memoir](#), [Bernstein Diet Review Update Dec 2017 5 Things](#), [By Fire Worldwalker 1 Josephine Angelini](#), [Prevention For Business And Industry 13th Edition](#), [William H Ashley 1822 1838](#), [Jimmy M13a](#)