#### SKILLS TRANSPARENCY WORKSHEET



## Using Mole Ratios

Use with Chapter 11. Section 11.2

For each of the following problems, write the balanced chemical equation that represents the reaction. Thru complete the table below by identifying the known substance, the anknown substance, and the mole ratio that you would use to solve each problem correctly.

1. Copper(II) uside (CuO) decomposes into copper (Cu) and exygen (O<sub>2</sub>) gas. What mass of copper will be produced by the decomposition of 1,25 kg CuQ2

BCCuOm - 22 Cum+ Oan ChOp -> Cupt Os (9)

- Aremonia (NH<sub>2</sub>) is produced by the reaction of aitingen (N<sub>2</sub>) and hydrogen (H<sub>2</sub>) gases. How much ammonia will be produced if 22.8 r. H., reads with excess N.? Nort How & Noth
- 3. The reaction of sodium (Na) and water (H<sub>2</sub>O) produces codium by free ide (NgOH) and hydrogen (H.) gas. What mass of evdrogen are is produced if 17.54 a NaOH improduced law the reaction?

Name Harry NoDH + Harry The combustion of seetic sold (HC<sub>2</sub>H<sub>2</sub>O<sub>2</sub>) produces earlies dioxide (CD<sub>2</sub>) and water (HoOt-What mass of carbon discuste will be produced from the combustion of 25.0 a

2Na10 + 24010 =

FIRE HEADING

5. 300 g of isomillic suffice (Ec.S.) was prepared by heating iron (Fe) and excess softer QCOs + 2 + 5 C (S). What mass of iron was used in the preparation?

Fe (S) + S (S) + Fe (S) - Fe (S) - S (S

Problem.	Chemical Formula of Spown Substance	Chemical Formata of Enkages Substance	Male Ratio
36	0.00	C.	2 mol Cu
2	44.5	NH3	3 mol N H3
3	NOH	14.2	2 mal NaOH
4.	40 400	CO <sub>2</sub>	- 1 mos 482 H302
5	FesS3	1-10	1 mos Fe, 59

# **Math Skills Transparency Worksheet Answers Chapter 7**

**Minjie Lin** 

**Math Skills Transparency Worksheet Answers Chapter 7:** 

Embracing the Beat of Expression: An Psychological Symphony within **Math Skills Transparency Worksheet Answers**Chapter 7

In a global used by displays and the ceaseless chatter of instantaneous communication, the melodic splendor and emotional symphony created by the published word frequently diminish in to the background, eclipsed by the constant noise and distractions that permeate our lives. However, situated within the pages of **Math Skills Transparency Worksheet Answers Chapter 7** an enchanting literary prize full of natural emotions, lies an immersive symphony waiting to be embraced. Crafted by a wonderful composer of language, that charming masterpiece conducts readers on an emotional trip, well unraveling the concealed tunes and profound affect resonating within each cautiously crafted phrase. Within the depths of this poignant evaluation, we will investigate the book is main harmonies, analyze their enthralling writing model, and submit ourselves to the profound resonance that echoes in the depths of readers souls.

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