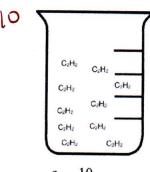
Name:	Class:	Date:	ID: A
Stoichiometry Practic	e MC	•	
Multiple Choice Identify the choice that best	completes the statement or ans	wers the question.	
a. 80.9 grams b. 40.5 grams		c. 22.4g d. 6.022 E23	ng questions relative to the
What is the con a. 0.1M b. 0.2M c. 0.4M	olution of 0.20M CuCl ₂ reacts of centration of the Copper ions Chlorida information	completely with solid Al form	
	$2C_2H_{2(g)} + 5$ Acetylene is a common fuel use	$5O_{2(g)} \Rightarrow 2H_2O_{(g)} + 4CO_{2(g)}$	
quantites of par a. The quantit b. You have r c. You have r	ties of particles are equal more C ₂ H ₂		
	e of each reactant were used wha	at would be the limiting reacta c. O_2 d. H_2O	Rate usel
	ostance used in the reaction abovessed to contain 13g and found t	o contain 0.5 moles. Which s	
6. (#7-2 & #7-1)A produced respect a. 0.5g and 0. b. 0.5g and 1g	ctively? .5g	c. 0.5 mol and 1 mol d. 13g and 26g	How much H ₂ O and CO ₂ will be

7. (#6-2 & #6-3) A sample of C_2H_2 is going to be burned. How many molecules of O_2 would be needed here? $2C_2H_{2(g)} + 5O_{2(g)} \Rightarrow 2H_2O_{(g)} + 4CO_{2(g)}$

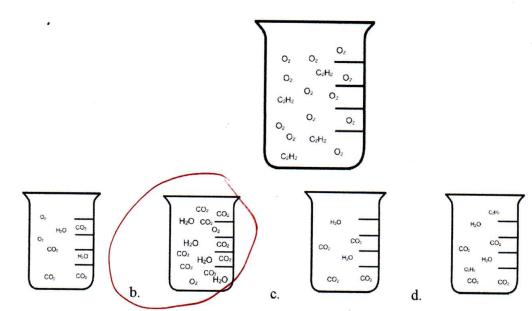


10. 5 = 25

a. 0b. 5

- c 10 d. 25
- 8. (#6-2 & #6-3) A sample of C₂H₂ is going to be burned. Which of the following pictures would represent the substance after the reaction has gone to completion?

$$2C_2H_2 + 5O_2 \Rightarrow 2H_2O + 4CO_2$$



- 9. (#6-1)If the 13g sample of C₂H₂ (prior to burning) were to be stored in a balloon at STP, how large would that balloon be?
 - balloon be? a. 0.5 mol

22.4L

- 1/2 mol
- 22.41 € (M c. 11.21) € d. 3.01 E23 L
- 10. (#6-1) Which of these substances contains more than 1 mole of particles
- a. 1 mol C₂H₄

a.

b.

- 20L O2 (STP)
- Ime=18
- d. sig CO2