ame		Date	Class
REVIEW			
<b>3</b> SE	CTION 3.4		
U	sing Moles to Count	Atoms	
1. Define a	mole.		
2. Identify	which of the following statements	are correct:	
	<b>a.</b> 1 mol of titanium,		<b>c.</b> 2 mol of carbon, C,
	11, 18 47.88 g		are 24.02 g
	<b>b.</b> 1 mol of strontium, Sr, is 40.08 g		_ <b>a.</b> 1 mol of mercury, Hg is 200.6 g
. explain (		g unit for drom	
4. Determin	<b>ne</b> the molar mass of each of the f	following eleme	ents:
4. Determin	<b>ne</b> the molar mass of each of the f <b>a.</b> calcium, Ca	following eleme	ents: <b>c.</b> sulfur, <b>S</b>
4. Determin	<b>ne</b> the molar mass of each of the f <b>a.</b> calcium, Ca <b>b.</b> cobalt, Co	following eleme	ents: <b>c.</b> sulfur, <b>S</b> <b>d.</b> oxygen, O
<ul> <li><b>Explain</b> (</li> <li><b>Determin</b></li> <li><b>Determin</b></li> <li><b>Outline</b> t amount o</li> </ul>	<b>ne</b> the molar mass of each of the f <b>a.</b> calcium, Ca <b>b.</b> cobalt, Co he steps required to find the mass f the element in moles.	following eleme	ents: _ <b>c.</b> sulfur, <b>S</b> _ <b>d.</b> oxygen, <b>O</b> a element from a given
<ul> <li>Explain (</li> <li>Determine t</li> <li>amount o</li> <li>Determine t</li> </ul>	<b>ne</b> the molar mass of each of the f <b>a.</b> calcium, Ca <b>b.</b> cobalt, Co he steps required to find the mass f the element in moles. <b>b.</b> cobalt, co <b>b.</b> co	following eleme	ents: _ <b>c.</b> sulfur, <b>S</b> _ <b>d.</b> oxygen, <b>O</b> a element from a given
<ul> <li>Explain (</li> <li>Determine</li> <li>Determine</li> <li>Outline t</li> <li>amount o</li> <li></li></ul>	<ul> <li>ne the molar mass of each of the f</li> <li>a. calcium, Ca</li> <li>b. cobalt, Co</li> <li>he steps required to find the mass f the element in moles.</li> <li>ne the mass in grams of each of th</li> <li>a. 0.60 mol of neon. Ne</li> </ul>	following eleme	ents: _ c. sulfur, S _ d. oxygen, O a element from a given c. 1.9 mol of selenium. 9
<ul> <li>Explain (</li> <li>Determined</li> <li>Determined</li> <li>Outline to amount of a mount of</li></ul>	ne the molar mass of each of the f a. calcium, Ca b. cobalt, Co he steps required to find the mass f the element in moles ne the mass in grams of each of th a. 0.60 mol of neon, Ne b. 5.01 mol of xenon, Xe	following eleme	ents: _ c. sulfur, S _ d. oxygen, O a element from a given _ c. 1.9 mol of selenium, S _ d. 3.3 mol of gold. Au
<ul> <li>5. Explain (</li> <li>4. Determined</li> <li>5. Outline to amount on the second seco</li></ul>	ne the molar mass of each of the f a. calcium, Ca b. cobalt, Co he steps required to find the mass f the element in moles ne the mass in grams of each of th a. 0.60 mol of neon, Ne b. 5.01 mol of xenon, Xe ne the amount in moles of each of	following eleme	ents: _ c. sulfur, S _ d. oxygen, O a element from a given _ c. 1.9 mol of selenium, S _ d. 3.3 mol of gold, Au
<ul> <li>Explain (</li> <li>Determined</li> <li>Outline to amount on the second second</li></ul>	ne the molar mass of each of the f a. calcium, Ca b. cobalt, Co he steps required to find the mass f the element in moles ne the mass in grams of each of th a. 0.60 mol of neon, Ne b. 5.01 mol of xenon, Xe ne the amount in moles of each of a. 0.35 g of hydrogen. H	following eleme	ents: _ c. sulfur, S _ d. oxygen, O a element from a given _ c. 1.9 mol of selenium, S _ d. 3.3 mol of gold, Au c. 26 g of chromium. Cr

**CHAPTER 3**