mixture? a. Liquid-liquid b. Gas-liquid	C Solid-liquid d. Liquid-solid
shift towards the reactants: $2 H_2(g) + O_2(g) \rightarrow 2 H_2O(g)$ a. Addition of water	Control California
25. Molarity is expressed as: a. moles of solute/ liters of solvent b. moles of solvent/ liters of solution c. moles of solvent/ liters of solution d. moles of solvent/ liters of solute Complete the following word problems on your answer sheet, remember to show your work. (4pts each) Complete the following word problems on your answer sheet, remember to make 2.00 L of solution. What is 26. Kool aide is prepared by mixing 272g of sugar (C ₆ H ₁₂ O ₆) in water to make 2.00 L of solution. What is the molarity of the solution (with out the Kool aide flavor mix)?	
2729 x 1mol Coll	206=1.51mol 1.51mol = [0.755M]
30.0g x 1mol = 0.	325ml solution that contains 30.0g of acetic acid (CH ₃ COOH)? $ \frac{0.500 \text{ mol}}{0.825 \text{ L}} = \frac{0.605 \text{ M}}{0.825 \text{ L}} $ Sf
0.80M = 2001 ~	um chloride are required to prepare 1.00L of a 0.80M solution? $= 0.80 \text{ Mol}_{\chi} = \frac{58.44g}{\text{1 mol}} = \frac{47g}{\text{1 mol}} = 47g$ $= 0.80 \text{ Mol}_{\chi} = \frac{58.44g}{\text{1 mol}} = \frac{47g}{\text{1 mol}} = \frac{47g}$
0.40M = 22 0.200L	grams of KCl required to prepare 200ml of a 0.40M solution. $N = 0.080 \text{ mol}$ 0.080 mol
30. What is the molality of 25kg Call x 1mg	a solution containing 256g of CaCl in 800g of water? $\frac{3.39 \text{ mol}}{0.800 \text{ kg}} = 4.24 \text{ m}$ $\frac{3.39 \text{ mol}}{0.800 \text{ kg}} = 4.24 \text{ m}$

n dioxide

u examine the ca

nt combination

c. Solid-liquid

d. Liquid-solid

22. Soda-pop is an example of which type of solute/solvent combination if you examine the sugar and water

21. Soda-pop ... an example of w ... type of solute/s

and water mixture?

a. Liquid-liquid

(b.) Gas-liquid

mixture?