

**Warm-Up #32**

Name: \_\_\_\_\_ Date: \_\_\_\_\_

1. How many grams of  $\text{Na}_2\text{SO}_4$  are in 5.01 moles of  $\text{Na}_2\text{SO}_4$ ?

2. How many liters does 3.77 moles of  $\text{H}_2$  occupy at STP?

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2. How many liters does 3.77 moles of  $\text{H}_2$  occupy at STP?

3. Name/write formulas of the each acid.

a.  $\text{H}_2\text{SO}_4$

b. Hydrofluoric acid

c.  $\text{H}_3\text{PO}_4$

d.  $\text{H}_2\text{SO}_2$

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