

Second Tab

3. Make Many

- a. Fill all the collection boxes and then complete the questions for each Goal.

Goal: 4H_2	
Draw it!	
What does the big '4' in 4H_2 mean?	
What does the little '2' in 4H_2 mean?	

Goal: 2CO_2	
Draw it!	
What does the big '2' in 2CO_2 mean?	
What does the little '2' in 2CO_2 mean?	

Goal: 2O_2	
Draw it!	
What does the big '2' in 2O_2 mean?	
What does the little '2' in 2O_2 mean?	

Goal: 2NH_3	
Draw it!	
What does the big '2' in 2NH_3 mean?	
What does the little '3' in 2NH_3 mean?	

Third Tab Challenge

4. What's the biggest molecule you can make?

- a. Molecule Name: _____
b. Chemical formula: _____

5. Can you make a molecule that can be broken into smaller molecules?

- a. Big molecule **name**: _____
b. Big molecule **chemical formula**: _____
c. Smaller molecule **names**: _____
d. Smaller molecule **chemical formulas**: _____