

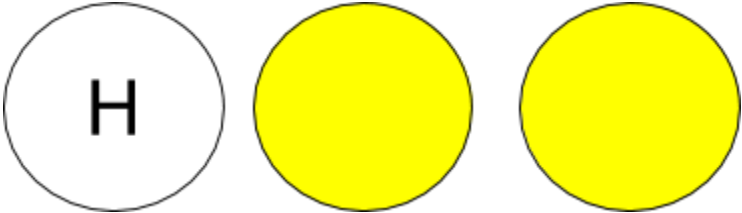
PART A - USE your definitions from file #58 to write these definitions:

1. Atom:
2. Element:
3. Molecule:
4. Compound:

PART B - Answer these questions using Sections 3-3 and 3-4:

1. Is gold (Au) an element, molecule, or compound - EXPLAIN your choice!!
2. Is water (H₂O) an element, molecule, or compound - EXPLAIN your choice!!
3. Is oxygen in the air (O₂) an element, molecule, or compound - EXPLAIN your choice!!

PART C - Fill in the charts (YELLOW) – You've been given help with the first:

Molecule Name: Water	
Chemical Formula: H ₂ O	
Names of Elements	# atoms of each element
Hydrogen	
Oxygen	
Total # of elements=	Total # of atoms=
DRAW: 	
Is this a compound?	



Name of Element	Number of Atoms of Element
Total # of elements =	Total # atoms =
DRAWING:	
Is it a compound?	



Name of Element	Number of Atoms of Element
Total # of elements =	Total # atoms =
DRAWING:	
Is it a compound?	