

★ Two principal ways of \_\_\_\_\_ matter are according to its physical state ( \_\_\_\_\_ ) or \_\_\_\_\_ and its \_\_\_\_\_ or \_\_\_\_\_.

# ELEMENTS

- ★ Contain only \_\_\_\_\_ type of atom.
- ★ by either \_\_\_\_\_ or \_\_\_\_\_ means.
- ★ Can exist as either \_\_\_\_\_ or \_\_\_\_\_ ( $O_2$ ).


# COMPOUNDS

- ★ Contain \_\_\_\_\_ of \_\_\_\_\_ or more DIFFERENT elements together in a specific \_\_\_\_\_.
- ★ by \_\_\_\_\_ be broken down into simpler substances (elements) means but NOT by \_\_\_\_\_.
- ★ Has \_\_\_\_\_ properties than its component \_\_\_\_\_.


# MIXTURES

- ★ Contains \_\_\_\_\_ or \_\_\_\_\_ substances (elements or compounds) that are NOT \_\_\_\_\_ together.
- ★ Can be separated \_\_\_\_\_ of its components.
- ★ Retains many of the same \_\_\_\_\_ of its components.


*You try:* How do you know that water is not simply a mixture of hydrogen and oxygen?

