

**Sept 27, 2019**

answers to Molecular Cmpds WS  
Review Chapter 5

**Test Tuesday!!**

## Molecular Compounds: Names and Formulas Worksheet

1. Write the formulas for the following compounds.

(a) carbon dioxide	<u>CO<sub>2</sub></u>	(k) diphosphorus trioxide	<u>P<sub>2</sub>O<sub>3</sub></u>
(b) silicon dioxide	<u>SiO<sub>2</sub></u>	(l) nitrogen monoxide	<u>NO</u>
<u>(c) water</u>	<u>H<sub>2</sub>O</u>	(m) chlorine dioxide	<u>ClO<sub>2</sub></u>
(d) carbon disulfide	<u>CS<sub>2</sub></u>	(n) dinitrogen oxide	<u>N<sub>2</sub>O</u>
(e) sulfur trioxide	<u>SO<sub>3</sub></u>	(o) carbon monoxide	<u>CO</u>
<u>(f) ammonia</u>	<u>NH<sub>3</sub></u>	(p) arsenic tribromide	<u>AsBr<sub>3</sub></u>
(g) carbon tetrachloride	<u>CCl<sub>4</sub></u>	(q) phosphorus pentabromide	<u>PBr<sub>5</sub></u>
<u>(h) hydrogen peroxide</u>	<u>H<sub>2</sub>O<sub>2</sub></u>	(r) dinitrogen tetroxide	<u>N<sub>2</sub>O<sub>4</sub></u>
<u>(i) methane</u>	<u>CH<sub>4</sub></u>	(s) silicon carbide	<u>SiC</u>
(j) ozone (trioxygen)	<u>O<sub>3</sub></u>	(t) sulfur dioxide	<u>SO<sub>2</sub></u>

2. Write the names for the following compounds.

(a)  $CF_4$  carbon tetrafluoride

(b)  $NH_3$  nitrogen trihydride / ammonia

(c)  $PBr_3$  phosphorus ~~tribromide~~ tribromide

(d)  $O_3$  trioxygen (ozone)

(e)  $F_2$  (gas) fluorine

(f)  $CS_2$  carbon disulfide

(g)  $N_2O_4$  dinitrogen tetroxide

(h)  $H_2O_2$  hydrogen peroxide / dihydrogen dioxide

(i)  $CO$  carbon monoxide

(j)  $SiC$  silicon <sup>mono</sup> carbide

(k) $P_2O_5$	<u>diphosphorous pentoxide</u>
(l) $CH_4$	<u>carbon tetrahydride</u> / methane
(m) $SO_3$	<u>sulfur trioxide</u>
(n) $H_2O$	<u>water</u> / <u>di</u> hydrogen <u>ox</u> ide
(o) $SiO_2$	<u>silicon dioxide</u>
(p) $PCl_5$	<u>phosphorous pentachloride</u>
(q) $I_2$ (gas)	<u>iodine</u>
(r) $NO_2$	<u>nitrogen dioxide</u>
(s) $SF_4$	<u>sulfur tetrafluoride</u>
(t) $H_2$ (gas)	<u>hydrogen</u>
...	...

## **MAJOR TOPICS: CHEMISTRY**

- **Types of Matter**
- **WHMIS/ HHPS symbols**
- **Periodic Table**
- **Parts of an Atom**
- **Bohr Diagrams**
- **Ionic Compounds**
- **Molecular Compounds**

# Review Sheets

-Answers will be posted on the website

-I also have an answer key you can use to check your answers

You have today and Monday to work on this test is Tuesday Oct 1st, 2019

## Attachments

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answers worksheet 5.11.notebook