

Name ky

Date \_\_\_\_\_

Period \_\_\_\_\_

### Honors Chemistry Naming Quiz – A

All questions are worth 2 points each. There is no partial credit.

Directions: For each of the formulas, write the correct name.

1.  $\text{BH}_3$  boron trihydride
2.  $\text{Zn}(\text{NO}_3)_2$  zinc nitrate
3.  $\text{MnO}_2$  manganese (IV) oxide
4.  $\text{BaF}_2$  barium fluoride

Directions: For each of the names, write the correct formula.

5. Lead (IV) sulfide  $\text{PbS}_2$
6. Ammonium carbonate  $(\text{NH}_4)_2\text{CO}_3$
7. Diarsenic pentoxide  $\text{As}_2\text{O}_5$
8. Magnesium nitride  $\text{Mg}_3\text{N}_2$

Directions: For each of the following, determine if the formula and name is the same compound. If they are the same, write correct in the blank. If they are not the same, write the correct name for the given formula.

9.  $\text{SnO}$  Tin(IV) oxide

Tin(II) oxide

10.  $\text{AgI}$  silver iodide

silver iodide correct!

11.  $\text{Co}(\text{ClO}_3)_2$  cobalt chlorate

cobalt(II) chlorate

12.  $\text{N}_4\text{S}_7$  tetranitride octasulfate

tetranitrogen heptasulfide

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### Honors Chemistry Naming Quiz – B

All questions are worth 2 points each. There is no partial credit.

Directions: For each of the formulas, write the correct name.

1.  $As_2O_5$  diarsenic pentoxide
2.  $Zn(NO_2)_2$  zinc nitrite
3.  $CrO_2$  chromium (IV) oxide
4.  $SrF_2$  strontium fluoride

Directions: For each of the names, write the correct formula.

5. Tin (IV) sulfide  $SnS_2$
6. Ammonium chromate  $(NH_4)_2CrO_4$
7. Boron Trihydride  $BH_3$
8. Magnesium nitride  $Mg_3N_2$

Directions: For each of the following, determine if the formula and name is the same compound. If they are the same, write correct in the blank. If they are not the same, write the correct name for the given formula.

- |                   |                          |                                  |
|-------------------|--------------------------|----------------------------------|
| 9. $SnO$          | Tin(IV) oxide            | <u>Tin(II) oxide</u>             |
| 10. $AgI$         | silver iodide            | <u>correct</u>                   |
| 11. $Co(ClO_2)_2$ | cobalt chlorite          | <u>cobalt(II) chlorite</u>       |
| 12. $N_4S_9$      | tetranitride nonasulfate | <u>tetranitrogen nonasulfide</u> |