

NAME \_\_\_\_\_

SECTION \_\_\_\_\_ DATE \_\_\_\_\_

INSTRUCTOR \_\_\_\_\_

## EXERCISE 3

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### Names and Formulas I

Give the names of the following compounds:

1. NaCl

\_\_\_\_\_

2. AgNO<sub>3</sub>

\_\_\_\_\_

3. BaCrO<sub>4</sub>

\_\_\_\_\_

4. Mg(OH)<sub>2</sub>

\_\_\_\_\_

5. ZnSO<sub>4</sub>

\_\_\_\_\_

6. K<sub>2</sub>CO<sub>3</sub>

\_\_\_\_\_

7. Al<sub>2</sub>O<sub>3</sub>

\_\_\_\_\_

8. CdF<sub>2</sub>

\_\_\_\_\_

9. NH<sub>4</sub>NO<sub>2</sub>

\_\_\_\_\_

10. Fe(OH)<sub>3</sub>

(a) \_\_\_\_\_

(b) \_\_\_\_\_

11. Zn<sub>3</sub>(PO<sub>4</sub>)<sub>2</sub>

\_\_\_\_\_

12. KClO<sub>3</sub>

\_\_\_\_\_

13. CaS

\_\_\_\_\_

14. (NH<sub>4</sub>)<sub>2</sub>C<sub>2</sub>O<sub>4</sub>

\_\_\_\_\_

EXERCISE 3 (continued)

NAME \_\_\_\_\_

Give the formulas of the following compounds:

1. Barium chloride 1. \_\_\_\_\_
2. Lead(II) nitrate 2. \_\_\_\_\_
3. Titanium(III) iodide 3. \_\_\_\_\_
4. Ammonium hydroxide 4. \_\_\_\_\_
5. Potassium chromate 5. \_\_\_\_\_
6. Cobalt(II) oxide 6. \_\_\_\_\_
7. Magnesium perchlorate 7. \_\_\_\_\_
8. Copper(II) sulfate 8. \_\_\_\_\_
9. Sodium sulfite 9. \_\_\_\_\_
10. Iron(III) chloride 10. \_\_\_\_\_
11. Calcium cyanide 11. \_\_\_\_\_
12. Copper(I) sulfide 12. \_\_\_\_\_
13. Silver carbonate 13. \_\_\_\_\_
14. Cadmium hypochlorite 14. \_\_\_\_\_
15. Tin(IV) oxide 15. \_\_\_\_\_
16. Sodium bicarbonate 16. \_\_\_\_\_
17. Aluminum acetate 17. \_\_\_\_\_
18. Nickel(II) phosphate 18. \_\_\_\_\_

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## EXERCISE 4

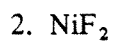
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### Names and Formulas II

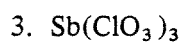
Give the names of the following compounds:



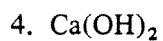
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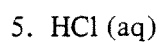
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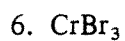
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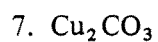
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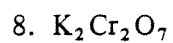


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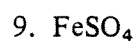


(a) \_\_\_\_\_

(b) \_\_\_\_\_

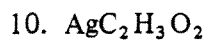


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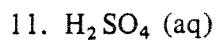


(a) \_\_\_\_\_

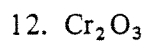
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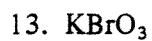
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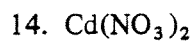
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EXERCISE 4 (continued)

NAME \_\_\_\_\_

Give the formulas of the following compounds:

1. Nitric acid 1. \_\_\_\_\_
2. Sodium oxalate 2. \_\_\_\_\_
3. Manganese(II) iodate 3. \_\_\_\_\_
4. Zinc nitrite 4. \_\_\_\_\_
5. Arsenic(III) iodide 5. \_\_\_\_\_
6. Potassium permanganate 6. \_\_\_\_\_
7. Titanium(IV) bromide 7. \_\_\_\_\_
8. Sodium arsenate 8. \_\_\_\_\_
9. Ammonium thiocyanate 9. \_\_\_\_\_
10. Acetic acid 10. \_\_\_\_\_
11. Manganese(IV) sulfide 11. \_\_\_\_\_
12. Bismuth(III) arsenate 12. \_\_\_\_\_
13. Sodium peroxide 13. \_\_\_\_\_
14. Cobalt(II) chlorite 14. \_\_\_\_\_
15. Stannous fluoride 15. \_\_\_\_\_
16. Magnesium bicarbonate 16. \_\_\_\_\_
17. Lead(II) acetate 17. \_\_\_\_\_
18. Phosphoric acid 18. \_\_\_\_\_

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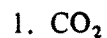
INSTRUCTOR \_\_\_\_\_

## EXERCISE 5

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### Names and Formulas III

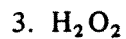
Give the names of the following compounds:



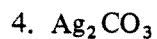
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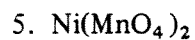
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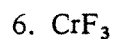
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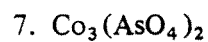
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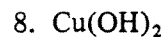
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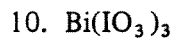
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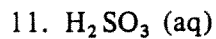
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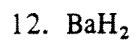
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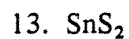
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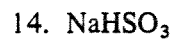


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(a) \_\_\_\_\_

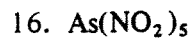
(b) \_\_\_\_\_



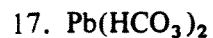
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EXERCISE 5 (continued)

NAME \_\_\_\_\_

Give the formulas of the following substances:

1. Ammonium bicarbonate 1. \_\_\_\_\_
2. Hydrogen sulfide 2. \_\_\_\_\_
3. Barium hydroxide 3. \_\_\_\_\_
4. Nitrous acid 4. \_\_\_\_\_
5. Copper(II) bromide 5. \_\_\_\_\_
6. Carbon tetrachloride 6. \_\_\_\_\_
7. Nickel(II) perchlorate 7. \_\_\_\_\_
8. Lead(II) nitrate 8. \_\_\_\_\_
9. Ammonia 9. \_\_\_\_\_
10. Chlorine 10. \_\_\_\_\_
11. Chromium(III) sulfite 11. \_\_\_\_\_
12. Sulfur dioxide 12. \_\_\_\_\_
13. Carbonic acid 13. \_\_\_\_\_
14. Copper(I) carbonate 14. \_\_\_\_\_
15. Chloric acid 15. \_\_\_\_\_
16. Barium arsenate 16. \_\_\_\_\_
17. Calcium cyanide 17. \_\_\_\_\_
18. Arsenic(III) oxide 18. \_\_\_\_\_
19. Silver dichromate 19. \_\_\_\_\_
20. Carbon disulfide 20. \_\_\_\_\_
21. Aluminum fluoride 21. \_\_\_\_\_
22. Manganese(IV) chloride 22. \_\_\_\_\_