Chemistry Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Worksheet – Rounding Atomic Weights # 1

For each of the following elements, you are given the atomic weight directly from the periodic chart. Remember our rule for rounding which is: You can round to the nearest whole number if the value is within **.**03 of it. Otherwise, simply leave the number as is and use that.

DIRECTIONS: For each problem, you are to put a check on the line next to the elements whose weights can’t be rounded. If the atomic weight can be rounded, then write the rounded weight on the line. Some are done for you as a guide.

1. Nickel **√** 2. Oxygen 16.00 or 16
2. Chromium 52.00 or 52 4. Bismuth 209.00 or 209

5. Bromine \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 6. Mercury \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

7. Cobalt \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 8. Hydrogen \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

9. Potassium \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 10. Chlorine \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

11. Carbon \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 12. Lithium \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

13. Phosphorus \_\_\_\_\_\_\_\_\_\_\_\_\_\_ 14. Nitrogen \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

15. Fluorine \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 16. Manganese \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

17. Iodine \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 18. Calcium \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

19. Sulfur \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 20. Copper \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

21. Osmium \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 22. Iron \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

23. Cesium \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 24. Magnesium \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_