

Worksheet: Counting Atoms
10 points

Name _____ Hour _____

Be sure to follow directions for each section! Use your periodic table to identify the chemical symbols of unknown elements.

How many **total** atoms are in the following molecules?

1. NaCl _____
2. SrTiO₃ _____
3. KHSO₃ _____
4. KNaC₄H₄O₆ _____

How many **hydrogen** atoms are in the following molecules?

5. H₂O _____
6. H₃PO₄ _____
7. C₂H₅OH _____
8. C₆H₅(CH₃) _____

How many **carbon** atoms are in the following molecules?

9. CH₃CH₂OH _____
10. C₆H₄OH(CH₃)₉ _____