

**Science 9****Unit B: Matter and Chemical Change****Lesson 11****Practice Worksheet 28: Writing Formulas for Ionic and Molecular Compounds**

Complete the table, using the periodic table to help you.

Classify each compound as an ionic compound or a molecular compound.

Write the chemical formula for each compound.

You must use subscripts when typing in formulas.

| Chemical Name               | Ionic or molecular? | Chemical Formula |
|-----------------------------|---------------------|------------------|
| 1. sodium phosphide         |                     |                  |
| 2. magnesium nitride        |                     |                  |
| 3. lead(II) sulfide         |                     |                  |
| 4. dichlorine pentabromide  |                     |                  |
| 5. tetraphosphorus trioxide |                     |                  |
| 6. silver phosphide         |                     |                  |
| 7. aluminum sulfide         |                     |                  |
| 8. beryllium chloride       |                     |                  |
| 9. sulfur trifluoride       |                     |                  |

**Congratulations! You have completed this practice worksheet.**

Now it's time to carefully compare your answers to the suggested answers in the online course. When comparing, you should feel free to make changes to your answers or make extra notes.

**Keep this practice worksheet for study purposes.** Using practice worksheets as a study tool to review for exams is a great idea.

**If you unsure about any of the questions or answers, or you just want more feedback, share this practice worksheet with your teacher and ask for assistance.** You can do that by emailing the teacher, or by submitting it in the Course Questions Forum in the online course. If you are using this practice worksheet in Google Drive, don't forget to change the sharing settings so that anyone can view it before sending the link to your teacher.