

Science 9**Unit B: Matter and Chemical Change****Lesson 8****Practice Worksheet 23: Overall Charge of Every Ionic Compound is Neutral**

Complete the table below to show how total positive charge and total negative charge add to zero in ionic compounds. The first row has been done as an example for you.

You must use superscripts when typing in ion charges.

Chemical Formula	Ions Present	Total Positive Charge	Total Negative Charge	Charge of Ionic Compound
1. SrBr ₂	Sr^{2+} Br^- Br^- <i>Hint: The subscript of 2 indicates two bromide ions</i>	+2	$(-1) + (-1) = (-2)$	$(+2) + (-2) = 0$
2. MgS				
3. K ₃ P				
4. Al ₂ O ₃				

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.