# Eventually we should do this in our head! When asked to show work you will use this "crossing over" method.

- 1) Write cation first then anion
- 2) Write the charges with each symbol
- 3) The superscript of one atom, becomes the subscript of the other. Use the absolute value! This is "crossing over"
- Reduce your subscripts to the lowest numbers possible while maintaining the correct ratio
- 5) You do not need to put the 1s for subscripts!
- 6) CAREFUL WITH POLYATOMIC IONS!

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