

## Element Math Game

1. Go to the Element Math Game webpage. There is a link in the “Atoms, Bonding, Periodic Table” section in portaportal.
2. Check the box for 40 questions.  
Leave the Protons, Neutrons, Electrons, and Nucleons boxes all checked.  
Leave the No box checked for rounding atomic masses.
3. Click “I’m Ready! Let’s start!” and play the game.
4. After finishing the 40 questions, if you feel like you are ready, check the box for 20 questions and leave the other boxes the same. Play the game again. (If you don’t feel ready, practice some more)
5. **At the end of the game, if you got 100%, show me your results.** If you complete this assignment outside of class, print out the results and turn them in for your grade. Alternatively, take screenshots showing your results for all 20 problems (it will probably take at least two screenshots) and either show them to me in class or email them to me. **If you did not get 100%, you must try again until you get 100%.**
6. After you have turned in your results you may play one of the following games (links for all four are also in portaportal), or you may finish other work such as All About Atoms or your study guides.
  - Element Matching Game
  - Proton Don
  - 40 Element Symbols
  - Atomic Structure Hangman