Chapter 10 (Answer the following in your NEW Unit 5 “Hw Sheet”)

1. Describe what a chemical reaction is.
2. When writing chemical equations, there are two parts. Write the names of these two parts and describe each.
3. The purpose of an arrow (🡪) in a chemical equation is: (think about what it means)
4. The difference between a WORD and SKELETON equation is:
5. 2Fe + 3Cl2 🡪 2FeCl3

Write the equation above in your paper. Circle the coefficients (if you’re not sure what the coefficients are, look in 10.1)

1. Use your chromebook to look up the 7 diatomic molecules and write them down
2. Make flashcards for polyatomic ions Mr. Tan has on the board.

<http://www.sciencegeek.net/Chemistry/Presentations/Equipment/>

Using the site above, write the name, draw and briefly describe the following lab equipment:

|  |  |  |  |
| --- | --- | --- | --- |
| Beaker | Erlenmeyer flask | Graduated cylinder | Test tubes |
| Test tube holder | Test tube brushes | Test tube racks | Spot plates |
| Watch glass | Glass stir rod | Weighing boat | Spatulas |
| Beaker tongs | Bunsen burner | Crucible | Clay triangle |
| Crucible tongs | Iron rings | Wire gauze | Striker |