Stoichiometry (Chapter 12) Introduction Homework

1. Relate the “equation” for making a tricycle at the top of page 354 to chemical equations.
2. Read through sample problem 12.1. Use this to help you answer practice problem #1 on page 355. **Show your work!**(make sure to cancel units)
3. Read through the section titled “Interpreting Chemical Equations” (p. 356) and list the different quantities that a balanced chemical equation can represent.
4. Look through figure 12.3 to see the different ratios that an equation can represent. Copy down at least 2 of them.
5. Copy down the chemical equation in the middle of page 359, then read the first two paragraphs*. Define a mole ratio and write down an example* of a mole ratio for the chemical reaction you wrote down.
6. Copy down the “Mole Map” (figure 10.12, page 303) into your notes.