

Tips for Homework (Module 6)

1. Get in the habit of using the dimensional analysis (also called unit analysis) described in the book. It helps a lot in keeping straight whether you should multiply or divide by a conversion factor.
2. You can also check your answers once you do the calculations. For example, if asked to find the number of feet in 172 inches, should you get more or less than 172 as an answer? It helps to picture the 172 inches being broken down into feet.
3. (Homework problems 10, 29) You will have to deal with the pounds and ounces separately.
4. (Homework problem 21) Your calculator may give the answer in scientific notation. Make sure you know how to interpret the calculator's output.
5. Page 61 (module 5) lists some conversions that are not listed on the Flash Card List.
6. (Homework problem 25) The appendix starts on page 140, directly after the Flash Card List.