Instructions. Read the following sections in the textbook and then answer the questions below.

- Ch. 7: Section 7.1–7.8 (mostly review)

1. The book lists two possible solutions to the problem of operand evaluation order and side effects. In your own words, state the two solutions.

2. Summarize in your own words what is meant by “mixed-mode expressions”. Give an example of a mixed-mode expression in C++ and the result of the expression.

3. Explain in your own words the differences and relationships between the notions of narrowing type conversions, widening type conversions, coercions, and casting.

4. Explain in your own words what overflow and underflow are.

5. Explain in your own words what is meant by a higher-order function. Make up an example of a higher-order function other than function composition, apply-to-all, or any of the functions we’ve looked at in class. You don’t have to provide code for the function, just explain what your function would do and give a few examples of how it could be used.