Homework 3 Solutions

p. 109

11. b
12. a
13. a

p. 110 - 111

Errors:
1. comment symbols are reversed
2. “class” keyword missing
3. should not be a “;” at end of main method
4. closing brace instead of opening after method heading – reversed with last one
5. missing “;” at end of variable declaration
6. string argument to System.out.println should have double quotes (“”)
7. in println argument, variable c should be lowercase
8. missing closing brace for class declaration

Algorithm Workbench:

1. double temp, weight, age;
2. int months = 2, days, years =3;
3. a. b = a + 2;
   b. a = b * 4;
   c. b = a / 3.14;
   d. a = b – 8;
   e. c = ‘K’;
   f. c = 66;

4. a. 12
   b. 4
   c. 1
   d. 6
   e. 1

5. a. 3.48422E2
   b. 9.903938E3
   c. 7.65491E-3

6. add “\n\n” inside strings

11. total = float(number);