**True/False**

1. F
2. T
3. T
4. T
5. F
6. T
7. T
8. T
9. T
10. F

**Fill in the Blank**

1. Object Oriented Programming
2. Compiler
3. Java Virtual Machine
5. Floating Points
6. Precedence, parentheses
7. +
8. Loop
9. Logic
10. Run time

**Written Questions**

1. To assign a value to something that can be used to help your code function.
2. **Syntax:** Misspelled variable or methods name **Runtime**: Dividing by zero **Logic**: Multiplying when you want to divide
3. An int is a whole number, meaning no decimal values, that can range from -2^31 to (2^31) – 1; a double is a number that can contain decimal values and it can range from 94065645841246544e-324d to 1.79769313486231570e+308
4. 1. 16
   2. 4
   3. -4
   4. 14
5. if(y > 10){

x += 5;

}

1. The heading is not correct because you cannot compare a variable with two operators at the same time; to fix this the use of an && statement would be necessary. while(3 < x && x < 10)
2. for(int i = 1; i <= 10; i++){

System.out.print(Math.pow(2, i) + “ “);

}