**44-542 Object Oriented Programming**

**Selection KEY**

1. small

2. (a) Number: 180

(b) Number: 3000

(c) Number: 1000

3. (a) The value of x is 3 (note that absence of braces and indentation made it easy to make a mistake on this question)

(b) The value of x is 3

(c) The value of y is 7

4. (a) pass

(b) fail

5. (a) Needs improvement

Your bonus is 0.0

(b) Great performance!

Your bonus is 6000.0

6. (a) Failing

(b) Satisfactory

(c) Needs improvement

7. (a) Three

(b) Four

(c) All other numbers

8. 1 inch has fallen

2 inches have fallen

9. rainfall = 1;

System.out.println(rainfall + " inch" +

(rainfall == 1 ? " has " : "es have ") + "fallen");

rainfall = 2;

System.out.println(rainfall + " inch" +

(rainfall == 1 ? " has " : "es have ") + "fallen");