Chapter 5

Exercise 1

5.7

| **Expression** | **Value of x** |
| --- | --- |
| a Value of x | is 7.5 |
| b Value of x is | 7.0 |
| c Value of x is | 0.0 |
| d Value of x is | 0.0 |
| e Value of x is | 6.4 |
| f Value of x is | -6.0 |
| g Value of x is | -14.0 |

5.12

a) n = (int)(Math.random() \* 2) + 1; // (2 - 1 + 1) = 2

b) n = (int)(Math.random() \* 100) + 1; // (100 - 1 + 1) = 100

c) n = (int)(Math.random() \* 10); // (9 - 0 + 1) = 10

d) n = (int)(Math.random() \* 113) + 1000; // (1112 - 1000 + 1) = 113

e) n = (int)(Math.random() \* 3) - 1; // (1 - (-1) + 1) = 3

f) n = (int)(Math.random() \* 15) - 3; // (11 - (-3) + 1) = 15