Questions – Chapter 12 - Numbers

1. What is the value of **x** after each of the following statements is performed?

   a. x = Math.abs(7.5);
   b. x = Math.floor(7.5);
   c. x = Math.abs(0.0);
   d. x = Math.ceil(0.0);
   e. x = Math.abs(-6.4);
   f. x = Math.ceil(-6.4);
   g. x = Math.ceil(-Math.abs(-8 + Math.floor(-5.5)));

2. Write statements that assign random integers to the variable n in the following ranges:
   a. 1 <= n <= 2
   b. 1 < n < 100
   c. 0 < n < 9
   d. 1000 < n < 1112
   e. 1 < n < 1
   f. 3 < n < 11