1. Write a single statement that uses the sqrt() method of the Math class to compute the square root of the product of two numbers, x and y and to assign the result to a variable a. Assume all variables have already been declared with type double.

2. Assuming that a Random object has been created called generator, what is the range of the result of each of the following expressions?

   generator.nextInt(7)

   generator.nextInt(3) + 8

   generator.nextInt(5) - 4
1 Write a single statement that uses the sqrt() method of the Math class to compute the square root of the product of two numbers, a and b and to assign the result to a variable x. Assume all variables have already been declared with type double.

2. Assuming that a Random object has been created called generator, what is the range of the result of each of the following expressions?

   generator.nextInt(8)

   generator.nextInt(5) + 4

   generator.nextInt(3) - 7