a. There is a compiler error in the line of nums.add(3.14); The error arises because an attempt was made to insert a value in a parametrized type with extends wildcard parameter. With the extends wildcard, values can be gotten but not inserted.

b. There is a compiler error in the line of double dbl = sum(ints); The error occurs because the sum method attempts to get elements from the Collection but it cannot be typed when the super wildcard is used since the compiler has no way to know which supertype of Integer is being gotten.