Honor Pledge

On my honor, I have neither given nor received any unauthorized aid on this quiz.

By typing your first and last name in the space provided below you are electronically signing to indicate that:
  (1) You are the person who is taking this quiz.
  (2) You read and understood the Honor Pledge and you agree to be bound by it.

(a) AA
(b) BA
(c) CC
(d) AA
(e) CA
(f) AC

Question 2. (2 pts) In Java, Double is a subtype of Number. Is Double f(String) a true function subtype of Number f(Object)?

Question 3. (1 pt) If there are non-null x, y, and z such that x.equals(y) returns true, y.equals(z) returns false, and x.equals(z) returns false, then does it follow that equals is not transitive? Note that you may not assume that any other properties hold for equals.

Question 4. (1 pt) In Java, HashSet is a subtype of AbstractSet. Is AbstractSet<HashSet> a subtype of AbstractSet<AbstractSet>?