```
class A                            class B : public A
{                                  {
  public:                            public:
    A(int x = 0) { a_ = x; }          B(int x) { a_ = x; }
    void f1()                         void f1(int)
    {                                 {
      std::cout << "A1";                std::cout << "B1";
    }                                 }
    void f2()                         void f3()
    {                                 {
      std::cout << "A2";                std::cout << "B3";
    }                                 }
    void f3(int)                      void f4()
    {                                 {
      std::cout << "A3";                std::cout << "B4";
    }                                 }
  private:                           private:
    int a_;                            int a_;
};                                 };
```

1. Given the classes above, what is the output from the statements below? If the statement does not compile, write **NC.**

```
A a;
B b(5);

a.f1();    a) _____
b.f1();    b) _____
b.f2();    c) _____
a.f3();    d) _____
b.f1(5);   e) _____
```