```
class A {
                                           class Tests {
  public A(){ }
                                             public static void test1(){
  public void foo(){ }
                                               A = new A();
                                               a.foo();
  public int x;
                                             public static void test2(){
class B extends A {
                                               A = new B();
  public B(){ }
                                               a.foo();
  public void foo(){ |B.bar(); | }
                                             public static void test3(){
  public static void bar(){ y = 17; }
                                               A a = new C();
                                               a.foo():
  public static int y;
class C extends A {
  public C(){ }
  public void foo() { x = 18; }
  public void baz() { z = 19; }
  public int z;
                                   (\mathbf{a})
```