3

First error: &b=?

Second error: c is const ,so it cannot be modified.

Third   error :   void   set A()   and X (int i) should be public.

4

1)

a=4   b=X::X(int,char,float)   c=32

a=0   b=X::X(......)   c=10

a=10   b=X::X(......)   c=10

a=0   b=X::X(const X&other)   c=10

2)

5

10

3)

X1   constructor...

X2   constructor...

X3   constructor...

constructor   A()   called...

constructor   A()   called...

constructor   A()   called...

B3   constructor...

B3   destructor...

X0   destructor...

X0   destructor...

X0   destructor...

X3   destructor...

X2   destructor...

X1   destructor...