**Class Constructors Questions**

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1. Which of the following are correct?
   1. A constructor must be declared for each class.
   2. A constructor must be declared with a return type
   3. A default constructor can only be provided by the compiler.
   4. A class can have only one default constructor.
   5. A class can have only one constructor.
2. A constructor
3. can only be used to initialize
4. must initialize all member variables
5. can do anything any other method can do.
6. usually initializes all, or most, member variables
7. Which of the following are legal access to the class or struct members? Assume each is outside of the class member definitions,

struct S class C class D

{ { {

int x; int x; public:

int y; int y; int x;

} private: int y;

S s; int z; private:

}; int z;

C c; };

D d;

a) s.x

b) c.x

c) d.x

d) c.z

e) d.z