

Name: _____

Section: _____

Today's Goals:

- Know how the phases of life are defined for an instance of a user-defined class.
- Write constructors, assignment operators, and destructors for classes that manages dynamically-allocated memory.

Today's Question(s)

Any time we allocate memory with **new**, we need to:

Lingering Questions

What is still unclear after today's class?

Object Lifetime for Instances of Classes

```
Class barn {  
public:
```

```
private:  
    Cow c_  
    size_t numStalls_;
```

Reminder: Allocation

Reminder: Initialization

Default Constructors

Parameterized Constructors

Copy Constructors

Destruction: HOW (Destructors)

Assignment Operator