 

**Advanced Placement Computer Science**

**Unit 8: Polymorphism/Graphics**

Lesson: Polymorphism

*Last Updated: 7/10/2013*

Polymorphism:

In C++ and Java, polymorphism allows the

Classic polymorphic example:

You want to create a drawing program, with different types of shapes

You have a base class, with the upper left X and Y of where the shape is to be drawn and a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ method.

Subclasses all extend the base class, and each \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the draw method

abstract Shape

Circle

Rectangle

Abstract base class:

Abstract method: