This was run on Netbeans IDE 8.0.2 g++

Part 1 output

Triangle::draw()

Derived class Triangle object calling center().
Figure::draw()
Figure::erase()
2drawing rectangle

Derived class Rectangle object calling center().
Figure::draw()
Figure::erase()

RUN FINISHED; exit value 0; real time: 10ms; user: 0ms; system: 0ms

Part 2 output

Triangle::draw()

Derived class Triangle object calling center().
Triangle::draw()
Triangle::erase()
2drawing rectangle

Derived class Rectangle object calling center().
2drawing rectangle
2erasing rectangle

RUN FINISHED; exit value 0; real time: 10ms; user: 0ms; system: 0ms

Part 3
Not virtual. class determined in compile time. Virtual type not checked.

Virtual. Runtime binding. Virtual happens at runtime.
Class not determined. Determine at runtime. Center is seen as triangle type. Uses
own class. Determined when called