**Code Analysis**

1. Based on the code below, sketch a diagram to represent what this component would look like:

public void paintComponent(Graphics g)

{

super.paintComponent(g);

g.drawRect(0,80,280,200);

g.drawLine(140,0,0,80);

g.fillRect(120,200,40,80);

g.drawLine(140,0,280,80);

}