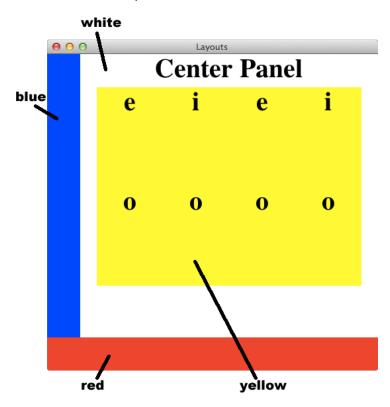
Java	Program	ming
Java	Practice	Test 6

Name	
Date	Period

1) Vocabulary

Term	Question	Answer
Double Buffering	a) What is the advantage of double buffering?	a)
	b) What would happen if it wasn't used? Explain.	b)
drawImage()	a) In this method, what two types of image files can be drawn?	a)
	b) What parameters are passed?	b)
JLabel(x)	a) What does x represent in this constructor?	a)
	b) What listener is associated with this component?	b)
Layouts	What is the default layout for (a) a JFrame?	a)
	(b) a JPanel?	(b)
Focus	a) What does it mean to have focus?	a)
	b) How does a component get focus?	b)
setVisible(true)	(a) Name a component this method could be used with.	a)
	(b) What does method do?	b)

2) Layout managers. Write a program that creates the layout as shown below. Assume the JFrame is 500 by 500 pixels and approximate the sizes and widths of the other panels.



3) Write a program SwapImages.java. Your program will display three images of Calvin and Hobbes, one after the other, on a card layout. A timer will switch between the images every 3000 milliseconds.



- a. Create a JFrame that uses the FlowLayout manager. Add the JLabel "Calvin and Hobbes" and the image JPanel.
- b. Create an image JPanel that uses the CardLayout manager. Load the three images, draw them into three separate JPanels, then add the three, to the image JPanel.
- c. Sizes: Make the JFrame 500 by 500 pixels, the JLabel font "Serif", bold, and 40 points, and the images 400 by 400 pixels.