Chapter 9 Quiz

1. If you were going to print a full-color image, which color model would you use? I would use CMYK color model.

2. Which color model should you use for all graphics on the web? RGB color model would be used for graphics on the web.

3. Is indexed color RGB or CMYK? Indexed color is RGB.

4. How many colors can be in a graphic that uses the indexed color mode? 256 colors are in a graphic that used indexed color modes.

5. On the screen, what is more important to how good an image looks (how well "resolved" it is)- the pixels per inch of the image (such as 72 ppi or 144 ppi) or the bit depth of the monitor? An image's appearance is effected more by the bit depth of the monitor.

6. How many colors or shades of gray can an 8-bit graphic display? A 8-bit graphic can display 256 colors.

7. How many colors can be displayed in a 24-bit graphic? A 24-bit graphic can display 16.7 million colors.

8. If you have an 9-bit monitor, will you ever see the full color ranges of 24-bit graphics? The graphics will appear to be "lower resolution" if you view 24-bit graphics on a 9-bit monitor.

9. How many colors can a 16-bit monitor display? A 16-bit monitor can display 65,536 colors.

10. If you set your monitor at a very high pixel count, does everything look larger or smaller, and why? If you make your pixel count on your monitor very high the graphics appear larger because there are less pixels.

11. Why can some monitors display more colors when you set a lower pixel count? When you set a lower pixel count the graphic looks more resolved.

12. Write the RGB values for a web-safe color: 00, 51, 102, 153, 204, or 255

13. Write the RGB percentages that would create the same web-safe color in answer 12: 0, 20, 40, 60, 80, or 100.

14. Write the hexadecimal code that would create the same web-safe color in answer 13: 00, 33, 66, 99, cc, or ff.

Chapter 10 Quiz

1. JPEG- Pictures look better when JPEG is used because of its subtle tones.

2. JPEG- "IF you have a white background on your web page, you easily put an irregularly shaped JPEG on the background and have it appear to 'float'."

3. GIF- Logos are best as GIFs because of the way they are compressed.

4. JPEG- In order to keep the shadow effect this graphic should use JPEG.

5. Which of the following is not an advantage of a GIF file?
    unlimited color

6. Which of the following is not an advantage of a JPEG file?
    lossless compression

7. Which of the following is not an advantage of anti-aliasing?
     looks better on a screen that on paper

8. Name two reasons to use alt labels. The visitor can see an alt label as a page loads and if someone visits your site with the graphics turned off the alt labels tell them what they are missing.

9. How many separate graphic files does it take to create the thumbnail-to-larger-image concept? To make a thumbnail process work you have to make two separate files.