

After You Read Answers

(Page 231) Section 8.1 After You Read Answers

Review Key Concepts

1. A lossless compression means that a graphic file loses no data when it is compressed, but the compression does not gain you any significant download time. A lossy compression removes data from a graphic file so the file is significantly smaller and downloads more quickly in a Web browser. However, the restored image has a reduced image quality on the screen.
2. BMP files are not generally used for Web pages because they are very large files that download slowly. Most Web browsers only display images saved as GIF and JPEG file formats.

(Page 239) Section 8.2 After You Read Answers

Review Key Concepts

1. Resampling involves adding or removing pixels from a resized image in an effort to restore its quality. If the image size is decreased, resampling also decreases the file's size so that it downloads more quickly.
2. A hotspot and a thumbnail are similar in that both are links from one graphic to another. They are different in that a thumbnail is typically a smaller representation of a larger photograph or image. A hotspot is a small area on a larger photograph or graphic that links to other pages. A graphic using image map hotspots can have multiple links within it whereas a thumbnail only links to one file or image.