

After You Read Answers

(Page 255) Section 9.1 After You Read Answers

Review Key Concepts

1. A well-designed multimedia Web site includes the following features: the audio, video, and/or animation adds to the page's goals; the page is not overly cluttered; there are no distracting components; the user has the option of skipping lengthy audio or video clips; and the sound and video components work properly and add to the enjoyment of the site.
2. Guidelines include the following: audio files should only play for a short time when the site is first loaded or when the visitor clicks on a button to listen to an audio clip; video should be planned to enhance a site, not as a primary means of conveying its purpose; visitors should be allowed to specify the type of connection; you should supply a lower resolution presentation for those with slower connections; animations should be used to draw the visitor's attention but not be distracting; and always consider file size when creating multimedia files.

(Page 264) Section 9.2 After You Read Answers

Review Key Concepts

1. Audio file formats include Wave; MIDI; RealAudio; AIFF; AU, SND; and MPEG Audio-Layer 3. Video file formats include AVI (Page Audio Visual Interleaved); MPEG (Page Moving Picture Experts Group); QuickTime; RAM Real Video; and WMV (Page Windows Media Video). Animations include animated GIFs and Flash animation.
2. A video's FPS (Page Frames Per Second) should be about 15 FPS to run acceptably over the Internet. A higher FPS, closer to 30 FPS, will mean a larger file size, and therefore a longer download time. A smaller FPS, closer to 10 FPS, will be a smaller file size and download faster; however, the video will appear jerky.