

5.10 Review Sheet & Question Prep

REVIEW VOCABULARY

Compression

Shrinking the size of a file or files for better storage or transfer.

Raster Graphics

These are digital images (like photographs and scanned copies) that cannot be changed or modified without some distortion. They are usually based on a grid of x, y, or z coordinates (3D).

SVG

SVG stands for Scalable Vector Graphics and they are drawn with the help of an HTML element.

Vector Graphics

Graphics that are designed using a series of commands and x/y coordinate points (2D).

REVIEW QUESTIONS

1. The following image extension does NOT support animation:

- A. Raster
- B. PNG
- C. JPG
- D. GIF

2. Which of the following is recommended when using graphics as part of a website's navigation scheme.

- A. Make sure the graphics are small
- B. Provide text links in the footer
- C. Use a primary color scheme
- D. Use graphics only on the home page navigation

3. Which of the following graphics is exclusively 2D?

- A. PNG
- B. SVG
- C. JPG
- D. Raster

4. Stephanie asked her friend Karina to send her a few videos through an FTP Client. Karina worries that the files are too large, so she zips the files into a folder in order to:

- A. Move them
- B. Sterilize them
- C. Shift them
- D. Compress them

5. Explain the difference between a circle and an ellipse on an x/y graph.

6. Brian is drawing a 300px circle with the SVG element. What two attributes does he need?

- A. cx and cy
- B. x and y
- C. c and d
- D. xc and yc

7. Explain the purpose of an SVG "stroke" attribute

8. Explain the purpose of an SVG "fill" attribute