**4.1** Assume that the size of the base font on a system is 12 points.

a) How big is 36 point font in ems?

b) How big is 8 point font in ems?

c) How big is 24 point font in picas?

d) How big is 12 point font in inches?

e) How big is 1 inch font in picas?

**4.2** Fill in the blanks in the following questions:

a) Using the \_\_\_\_\_\_\_\_\_\_\_\_ element allows you to use external style sheets in your pages.

b) To apply a CSS rule to more than one element at a time, separate the element names with

a \_\_\_\_\_\_\_\_\_\_\_\_.

c) Pixels are a \_\_\_\_\_\_\_\_\_\_\_\_ length measurement unit.

d) The **hover \_\_\_\_\_\_\_\_\_\_\_\_** -\_\_\_\_\_\_\_\_\_\_\_\_ is activated when the user moves the mouse cursor

over the specified element.

e) Setting the **overflow** property to \_\_\_\_\_\_\_\_\_\_\_\_ provides a mechanism for containing inner

content without compromising specified box dimensions.

f) While\_\_\_\_\_\_\_\_\_\_\_\_ is a generic inline element that applies no inherent formatting, the\_\_\_\_\_\_\_\_\_\_\_\_

is a generic block-level element that applies no inherent formatting.

g) Setting the **background-repeat** property to \_\_\_\_\_\_\_\_\_\_\_\_ will tile the specified

**background-image** only vertically.

h) If you **float** an element, you can stop the flowing text by using the \_\_\_\_\_\_\_\_\_\_\_\_ property.

i) The \_\_\_\_\_\_\_\_\_\_\_\_ property allows you to indent the first line of text in an element.

j) Three components of the box model are the \_\_\_\_\_\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_\_\_\_\_ and\_\_\_\_\_\_\_\_\_\_\_\_ .

***ANSWERS TO SELF-REVIEW EXERCISES***

**4.1** a) 3 ems. b) .75 ems. c) 2 picas. d) 1/6 inch. e) 6 picas.

**4.2** a) **link**. b) comma. c) relative. d) pseudo-element. e) **scroll**. f) **span**, **div**. g) **yrepeat**.

h) **clear**. i) **text-indent**. j) content, padding, border or margin.

***EXERCISES***

**4.3** Write a CSS rule that makes all text 1.5 times larger than the base font of the system and colors

it red.

**4.4** Write a CSS rule that removes the underline from all links inside list items (**li**) and shifts

them left by 3 **em**s.

**4.5** Write a CSS rule that gives all **h1** and **h2** elements a padding of .5 **em**s, a **groove**d border

style and a margin of .5 **em**s.