

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

### Tutorial 03: Designing a Page Layout

True / False

1. The display property inherit inherits the display property of a child element.

- a. True
- b. False

**ANSWER:** False  
**POINTS:** 1  
**DIFFICULTY:** Easy  
**REFERENCES:** HTML 172  
**QUESTION TYPE:** True / False  
**HAS VARIABLES:** False  
**LEARNING OBJECTIVES:** 03.01 - Create a reset style sheet  
**NATIONAL STANDARDS:** United States - BUSPROG: Technology  
**TOPICS:** Introducing the display Style  
**KEYWORDS:** Bloom's: Remember  
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2. Whether an element is displayed as a block or as inline depends on the style sheet.

- a. True
- b. False

**ANSWER:** True  
**POINTS:** 1  
**DIFFICULTY:** Easy  
**REFERENCES:** HTML 172  
**QUESTION TYPE:** True / False  
**HAS VARIABLES:** False  
**LEARNING OBJECTIVES:** 03.01 - Create a reset style sheet  
**NATIONAL STANDARDS:** United States - BUSPROG: Technology  
**TOPICS:** Introducing the display Style  
**KEYWORDS:** Bloom's: Understand  
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3. Many designers prefer to work with a “clean state” and not have any browser style rules creep into the final design of their website.

- a. True
- b. False

**ANSWER:** True  
**POINTS:** 1  
**DIFFICULTY:** Easy  
**REFERENCES:** HTML 172  
**QUESTION TYPE:** True / False

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*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.01 - Create a reset style sheet  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Creating a Reset Style Sheet  
*KEYWORDS:* Bloom's: Remember  
*DATE CREATED:* 4/3/2017 9:40 AM  
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4. One can prevent browsers from displaying an element by setting its display property to inline.

- a. True
- b. False

*ANSWER:* False  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*REFERENCES:* HTML 172  
*QUESTION TYPE:* True / False  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.01 - Create a reset style sheet  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Introducing the display Style  
*KEYWORDS:* Bloom's: Remember  
*DATE CREATED:* 4/3/2017 9:40 AM  
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5. Setting the display style to none hides an element but does not remove it from the page flow.

- a. True
- b. False

*ANSWER:* False  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*REFERENCES:* HTML 172  
*QUESTION TYPE:* True / False  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.01 - Create a reset style sheet  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Introducing the display Style  
*KEYWORDS:* Bloom's: Remember  
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6. Web page layouts fall into three general categories: fixed, fluid, and elastic.

- a. True
- b. False

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*ANSWER:* True  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*REFERENCES:* HTML 176  
*QUESTION TYPE:* True / False  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.02 - Explore page layout designs  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Exploring Page Layout Designs  
*KEYWORDS:* Bloom's: Remember  
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7. One challenge of layout is that the document will be viewed on many different devices with the same screen resolution.

- a. True
- b. False

*ANSWER:* False  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*REFERENCES:* HTML 176  
*QUESTION TYPE:* True / False  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.01 - Create a reset style sheet  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Creating a Reset Style Sheet  
*KEYWORDS:* Bloom's: Remember  
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8. Fixed layouts should only be used when one has more control over the devices that will display the page.

- a. True
- b. False

*ANSWER:* True  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*REFERENCES:* HTML 177  
*QUESTION TYPE:* True / False  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.02 - Explore page layout designs  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Exploring Page Layout Designs  
*KEYWORDS:* Bloom's: Understand

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9. Centering an element vertically within its parent element is easily accomplished as the height of the parent element is defined by a value.

- a. True
- b. False

*ANSWER:* False

*POINTS:* 1

*DIFFICULTY:* Moderate

*REFERENCES:* HTML 182

*QUESTION TYPE:* True / False

*HAS VARIABLES:* False

*LEARNING OBJECTIVES:* 03.03 - Center a block element

*NATIONAL STANDARDS:* United States - BUSPROG: Technology

*TOPICS:* Working with Width and Height

*KEYWORDS:* Bloom's: Understand

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10. New content can be easily placed within a grid in a way that is consistent with previously entered information.

- a. True
- b. False

*ANSWER:* True

*POINTS:* 1

*DIFFICULTY:* Moderate

*REFERENCES:* HTML 203

*QUESTION TYPE:* True / False

*HAS VARIABLES:* False

*LEARNING OBJECTIVES:* 03.08 - Create a layout grid

*NATIONAL STANDARDS:* United States - BUSPROG: Technology

*TOPICS:* Introducing Grid Layouts

*KEYWORDS:* Bloom's: Understand

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11. A popular design element is the inline-block, which consists of an enlarged initial letter in a body of text that drops down into the text body.

- a. True
- b. False

*ANSWER:* False

*POINTS:* 1

*DIFFICULTY:* Moderate

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*REFERENCES:* HTML 218  
*QUESTION TYPE:* True / False  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.08 - Create a layout grid  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Outlining a Grid  
*KEYWORDS:* Bloom's: Remember  
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12. Setting up a grid decreases the size and complexity of the Hypertext Markup Language (HTML) code by adding another level of markup.

- a. True
- b. False

*ANSWER:* False  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*REFERENCES:* HTML 219  
*QUESTION TYPE:* True / False  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.08 - Create a layout grid  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Introducing CSS Grids  
*KEYWORDS:* Bloom's: Remember  
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13. Users find it easier to scan content when page elements are aligned vertically and horizontally.

- a. True
- b. False

*ANSWER:* True  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*REFERENCES:* HTML 222  
*QUESTION TYPE:* True / False  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.10 - Explore the CSS grid styles  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Introducing CSS grids  
*KEYWORDS:* Bloom's: Understand  
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14. To place an object with absolute positioning, use either the top/left coordinates or the bottom/right coordinates but not all four coordinates at the same time.

- a. True
- b. False

**ANSWER:** True  
**POINTS:** 1  
**DIFFICULTY:** Moderate  
**REFERENCES:** HTML 228  
**QUESTION TYPE:** True / False  
**HAS VARIABLES:** False  
**LEARNING OBJECTIVES:** 03.11 - Exploring positioning styles  
**NATIONAL STANDARDS:** United States - BUSPROG: Technology  
**TOPICS:** Positioning Objects  
**KEYWORDS:** Bloom's: Understand  
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15. If a container has been placed with absolute or relative positioning, then any object nested within it can be placed with absolute positioning.

- a. True
- b. False

**ANSWER:** True  
**POINTS:** 1  
**DIFFICULTY:** Moderate  
**REFERENCES:** HTML 228  
**QUESTION TYPE:** True / False  
**HAS VARIABLES:** False  
**LEARNING OBJECTIVES:** 03.11 - Exploring positioning styles  
**NATIONAL STANDARDS:** United States - BUSPROG: Technology  
**TOPICS:** Positioning Objects  
**KEYWORDS:** Bloom's: Understand  
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16. The position property can be set to depend so that an element inherits the position value of its parent element.

- a. True
- b. False

**ANSWER:** False  
**POINTS:** 1  
**DIFFICULTY:** Easy  
**REFERENCES:** HTML 230  
**QUESTION TYPE:** True / False  
**HAS VARIABLES:** False

### Tutorial 03: Designing a Page Layout

**LEARNING OBJECTIVES:** 03.11 - Exploring positioning styles

**NATIONAL STANDARDS:** United States - BUSPROG: Technology

**TOPICS:** Positioning Objects

**KEYWORDS:** Bloom's: Remember

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17. A value of auto for the overflow property instructs browsers to increase the height of an element to fit the overflow content.

a. True

b. False

**ANSWER:** False

**POINTS:** 1

**DIFFICULTY:** Easy

**REFERENCES:** HTML 240

**QUESTION TYPE:** True / False

**HAS VARIABLES:** False

**LEARNING OBJECTIVES:** 03.14 - Work with overflow content

**NATIONAL STANDARDS:** United States - BUSPROG: Technology

**TOPICS:** Handling Overflow

**KEYWORDS:** Bloom's: Remember

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18. To specify a different stacking order for elements, the clip property can be used.

a. True

b. False

**ANSWER:** False

**POINTS:** 1

**DIFFICULTY:** Easy

**REFERENCES:** HTML 244

**QUESTION TYPE:** True / False

**HAS VARIABLES:** False

**LEARNING OBJECTIVES:** 03.14 - Work with overflow content

**NATIONAL STANDARDS:** United States - BUSPROG: Technology

**TOPICS:** Stacking Elements

**KEYWORDS:** Bloom's: Remember

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19. The z-index property works only for elements that are placed with relative positioning.

a. True

b. False

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*ANSWER:* False  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*REFERENCES:* HTML 244  
*QUESTION TYPE:* True / False  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.14 - Work with overflow content  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Stacking Elements  
*KEYWORDS:* Bloom's: Understand  
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20. Rhythm is the ability to combine different design elements into a cohesive whole.

- a. True
- b. False

*ANSWER:* False  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*REFERENCES:* HTML 245  
*QUESTION TYPE:* True / False  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.14 - Work with overflow content  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Stacking Elements  
*KEYWORDS:* Bloom's: Remember  
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Modified True / False

21. A fluid layout is one in which the size of a web page and the size of the elements within it are set regardless of the screen resolution.

*ANSWER:* False - fixed  
*POINTS:* 1  
*DIFFICULTY:* Remember  
*REFERENCES:* HTML 176  
*QUESTION TYPE:* Modified True / False  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.02 - Explore page layout designs  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Exploring Page Layout Designs



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22. A fixed layout sets the width of the page elements as a percent of the available screen width.

**ANSWER:** False - fluid

**POINTS:** 1

**DIFFICULTY:** Easy

**REFERENCES:** HTML 177

**QUESTION TYPE:** Modified True / False

**HAS VARIABLES:** False

**LEARNING OBJECTIVES:** 03.02 - Explore page layout designs

**NATIONAL STANDARDS:** United States - BUSPROG: Technology

**TOPICS:** Exploring Page Layout Designs

**KEYWORDS:** Bloom's: Remember

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23. In fluid layouts, all measurements are expressed in em units and based on the default font size used in the page.

**ANSWER:** False - elastic

**POINTS:** 1

**DIFFICULTY:** Easy

**REFERENCES:** HTML 177

**QUESTION TYPE:** Modified True / False

**HAS VARIABLES:** False

**LEARNING OBJECTIVES:** 03.02 - Explore page layout designs

**NATIONAL STANDARDS:** United States - BUSPROG: Technology

**TOPICS:** Exploring Page Layout Designs

**KEYWORDS:** Bloom's: Remember

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24. Stacking an element takes that element out of the normal flow of the document and positions it along the left or right edge of its containing element.

**ANSWER:** False - Floating

**POINTS:** 1

**DIFFICULTY:** Easy

**REFERENCES:** HTML 183

**QUESTION TYPE:** Modified True / False

**HAS VARIABLES:** False

**LEARNING OBJECTIVES:** 03.05 - Clear a floating layout

**NATIONAL STANDARDS:** United States - BUSPROG: Technology

**TOPICS:** Floating Page Content

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**KEYWORDS:** Bloom's: Remember

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25. In a fluid grid, the widths of the columns and margins are specified in pixels.

**ANSWER:** False - fixed

**POINTS:** 1

**DIFFICULTY:** Easy

**REFERENCES:** HTML 203

**QUESTION TYPE:** Modified True / False

**HAS VARIABLES:** False

**LEARNING OBJECTIVES:** 03.08 - Create a layout grid

**NATIONAL STANDARDS:** United States - BUSPROG: Technology

**TOPICS:** Introducing Grid Layouts

**KEYWORDS:** Bloom's: Remember

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26. In a fixed grid, the column widths are expressed in percentages rather than pixels.

**ANSWER:** False - fluid

**POINTS:** 1

**DIFFICULTY:** Easy

**REFERENCES:** HTML 203

**QUESTION TYPE:** Modified True / False

**HAS VARIABLES:** False

**LEARNING OBJECTIVES:** 03.08 - Create a layout grid

**NATIONAL STANDARDS:** United States - BUSPROG: Technology

**TOPICS:** Introducing Grid Layouts

**KEYWORDS:** Bloom's: Remember

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27. A framework is a software package that provides a library of tools to design a website, including style sheets for grid layouts and built-in scripts to provide support for a variety of browsers and devices.

**ANSWER:** True

**POINTS:** 1

**DIFFICULTY:** Easy

**REFERENCES:** HTML 204

**QUESTION TYPE:** Modified True / False

**HAS VARIABLES:** False

**LEARNING OBJECTIVES:** 03.08 - Create a layout grid

**NATIONAL STANDARDS:** United States - BUSPROG: Technology

**TOPICS:** Introducing CSS Grids

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**KEYWORDS:** Bloom's: Remember

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28. The width of the line used in an outline is defined by the outline-style property.

**ANSWER:** False - outline-width

**POINTS:** 1

**DIFFICULTY:** Easy

**REFERENCES:** HTML 216

**QUESTION TYPE:** Modified True / False

**HAS VARIABLES:** False

**LEARNING OBJECTIVES:** 03.09 - Format a grid

**NATIONAL STANDARDS:** United States - BUSPROG: Technology

**TOPICS:** Outlining a Grid

**KEYWORDS:** Bloom's: Understand

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29. Relative positioning places an element at specific coordinates either in the page or within a container element.

**ANSWER:** False - Absolute

**POINTS:** 1

**DIFFICULTY:** Easy

**REFERENCES:** HTML 227

**QUESTION TYPE:** Modified True / False

**HAS VARIABLES:** False

**LEARNING OBJECTIVES:** 03.13 - Work with absolute positioning

**NATIONAL STANDARDS:** United States - BUSPROG: Technology

**TOPICS:** Positioning Objects

**KEYWORDS:** Bloom's: Remember

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30. If an object within a browser window has to be fixed so that it doesn't scroll, it can set its position property to fixed.

**ANSWER:** True

**POINTS:** 1

**DIFFICULTY:** Easy

**REFERENCES:** HTML 230

**QUESTION TYPE:** Modified True / False

**HAS VARIABLES:** False

**LEARNING OBJECTIVES:** 03.11 - Exploring positioning styles

**NATIONAL STANDARDS:** United States - BUSPROG: Technology

**TOPICS:** Positioning Objects

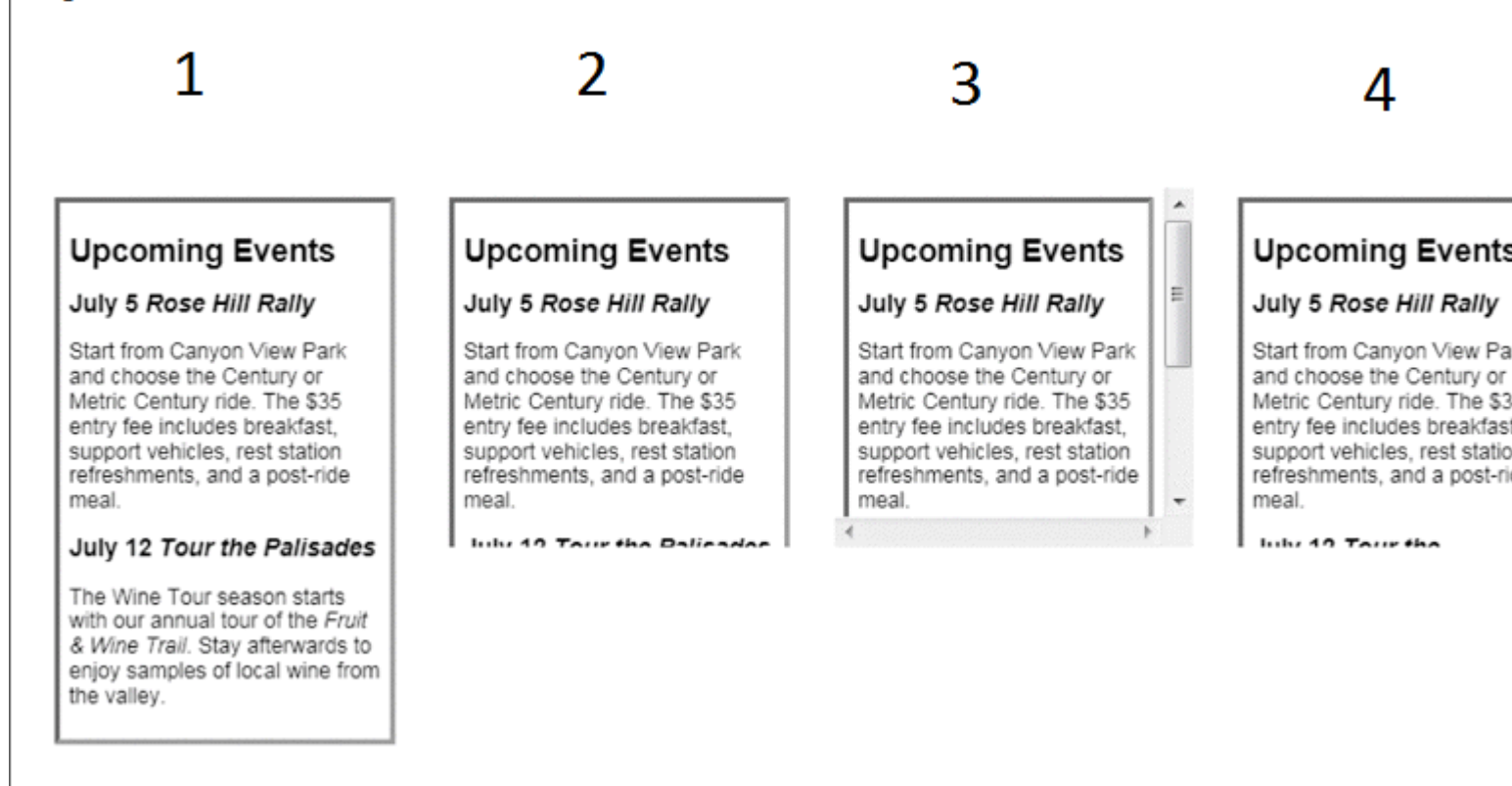
**KEYWORDS:** Bloom's: Remember

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Figure 3.1



31. The item marked 2 in Figure 3.1 represents the hidden value of the overflow property.

ANSWER: True

POINTS: 1

DIFFICULTY: Moderate

REFERENCES: HTML 241

QUESTION TYPE: Modified True / False

HAS VARIABLES: False

PREFACE NAME: Fig 3.2

LEARNING OBJECTIVES: 03.14 - Work with overflow content

NATIONAL STANDARDS: United States - BUSPROG: Technology

TOPICS: Handling Overflow

KEYWORDS: Bloom's: Understand

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32. The item marked 4 in Figure 3.1 represents the scroll value of the overflow property.

ANSWER: False - auto

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*POINTS:* 1  
*DIFFICULTY:* Moderate  
*REFERENCES:* HTML 241  
*QUESTION TYPE:* Modified True / False  
*HAS VARIABLES:* False  
*PREFACE NAME:* Fig 3.2  
*LEARNING OBJECTIVES:* 03.14 - Work with overflow content  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Handling Overflow  
*KEYWORDS:* Bloom's: Understand  
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33. The item marked 1 in Figure 3.1 represents the visible value of the overflow property.

*ANSWER:* True  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*REFERENCES:* HTML 241  
*QUESTION TYPE:* Modified True / False  
*HAS VARIABLES:* False  
*PREFACE NAME:* Fig 3.2  
*LEARNING OBJECTIVES:* 03.14 - Work with overflow content  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Handling Overflow  
*KEYWORDS:* Bloom's: Understand  
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34. The open-space property defines how browsers should handle white space in a rendered document.

*ANSWER:* False - white-space  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*REFERENCES:* HTML 243  
*QUESTION TYPE:* Modified True / False  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.14 - Work with overflow content  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Handling Overflow  
*KEYWORDS:* Bloom's: Remember  
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35. The z-index property stacks overlapping objects with the highest z-index value on top of the others.

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*ANSWER:* True  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*REFERENCES:* HTML 244  
*QUESTION TYPE:* Modified True / False  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.14 - Work with overflow content  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Stacking Elements  
*KEYWORDS:* Bloom's: Understand  
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#### Multiple Choice

36. The display type value \_\_\_\_\_ is displayed as a block unless its next sibling is also a block, in which case, it is displayed in-line, essentially combining the two blocks into one.

- a. block
- b. run-in
- c. none
- d. inline

*ANSWER:* b  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*REFERENCES:* HTML 172  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.01 - Create a reset style sheet  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Introducing the display Style  
*KEYWORDS:* Bloom's: Remember  
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37. The \_\_\_\_\_ value of the display style removes an element from a rendered page.

- a. null
- b. none
- c. empty
- d. hide

*ANSWER:* b  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*REFERENCES:* HTML 172

### Tutorial 03: Designing a Page Layout

*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.01 - Create a reset style sheet  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Introducing the display Style  
*KEYWORDS:* Bloom's: Remember  
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38. A(n) \_\_\_\_\_ supersedes a browser's default styles and provides a consistent starting point for page design.
- a. elastic layout
  - b. content box
  - c. fixed grid
  - d. reset style sheet

*ANSWER:* d  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*REFERENCES:* HTML 172  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.02 - Explore page layout designs  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Creating a Reset Style Sheet  
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39. What is the value of the list-style that will cause no marker to be displayed?
- a. empty
  - b. null
  - c. void
  - d. none

*ANSWER:* d  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*REFERENCES:* HTML 174  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.02 - Explore page layout designs  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Create a Reset Style Sheet  
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40. In a fixed layout, the size of the page and the size of the page elements are fixed using \_\_\_\_\_ as the unit of measure.

- a. ems
- b. fractions
- c. percentage
- d. pixels

*ANSWER:* d

*POINTS:* 1

*DIFFICULTY:* Easy

*REFERENCES:* HTML 176

*QUESTION TYPE:* Multiple Choice

*HAS VARIABLES:* False

*LEARNING OBJECTIVES:* 03.02 - Explore page layout designs

*NATIONAL STANDARDS:* United States - BUSPROG: Technology

*TOPICS:* Exploring Page Layout Designs

*KEYWORDS:* Bloom's: Remember

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41. A \_\_\_\_\_ is one in which the size of the web page and the size of its elements are set regardless of the screen resolution.

- a. fluid layout
- b. fixed layout
- c. liquid layout
- d. stationary layout

*ANSWER:* b

*POINTS:* 1

*DIFFICULTY:* Easy

*REFERENCES:* HTML 177

*QUESTION TYPE:* Multiple Choice

*HAS VARIABLES:* False

*LEARNING OBJECTIVES:* 03.02 - Explore page layout designs

*NATIONAL STANDARDS:* United States - BUSPROG: Technology

*TOPICS:* Explore Page Layout Designs

*KEYWORDS:* Bloom's: Remember

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42. A \_\_\_\_\_ sets the width of page elements as a percent of the available screen width.

- a. fixed layout
- b. standard layout



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- c. fluid layout
- d. stationary layout

*ANSWER:* c  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*REFERENCES:* HTML 177  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.02 - Explore page layout designs  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Explore Page Layout Designs  
*KEYWORDS:* Bloom's: Remember  
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43. Some designers propose the use of \_\_\_\_\_ in which all measurements are expressed relative to the default font size using the em unit.

- a. liquid layouts
- b. fixed layouts
- c. fluid layouts
- d. elastic layouts

*ANSWER:* d  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*REFERENCES:* HTML 177  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.02 - Explore page layout designs  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Explore Page Layout Designs  
*KEYWORDS:* Bloom's: Remember  
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44. All block elements, like the body element, have a default width of \_\_\_\_\_.

- a. 50%
- b. 150%
- c. 0%
- d. 100%

*ANSWER:* d  
*POINTS:* 1  
*DIFFICULTY:* Easy

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*REFERENCES:* HTML 178  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.07 - Explore grid-based layouts  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Working with Width and Height  
*KEYWORDS:* Bloom's: Understand  
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45. To center an element vertically within its parent element, display the parent element as a table cell with a defined height and then set the vertical-align property to \_\_\_\_\_.

- a. left
- b. middle
- c. right
- d. top

*ANSWER:* b  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*REFERENCES:* HTML 182  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.07 - Explore grid-based layouts  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Working with Width and Height  
*KEYWORDS:* Bloom's: Understand  
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46. Identify the default clear value that allows an element to be displayed alongside any floated objects.

- a. none
- b. left
- c. right
- d. middle

*ANSWER:* a  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*REFERENCES:* HTML 187  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.05 - Clear a floating layout  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology

### Tutorial 03: Designing a Page Layout

**TOPICS:** Floating Page Content

**KEYWORDS:** Bloom's: Remember

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47. The width property of the \_\_\_\_\_ model is based on the sum of the content, padding, and border spaces and any space taken up by the padding and border is subtracted from space given to the content.

- a. border box
- b. padding box
- c. content box
- d. margin box

**ANSWER:** a

**POINTS:** 1

**DIFFICULTY:** Easy

**REFERENCES:** HTML 191

**QUESTION TYPE:** Multiple Choice

**HAS VARIABLES:** False

**LEARNING OBJECTIVES:** 03.05 - Clear a floating layout

**NATIONAL STANDARDS:** United States - BUSPROG: Technology

**TOPICS:** Floating Page Content

**KEYWORDS:** Bloom's: Remember

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48. Identify the property that is used to choose the layout model.

- a. clear
- b. box-sizing
- c. vertical-align
- d. outline-style

**ANSWER:** b

**POINTS:** 1

**DIFFICULTY:** Easy

**REFERENCES:** HTML 192

**QUESTION TYPE:** Multiple Choice

**HAS VARIABLES:** False

**LEARNING OBJECTIVES:** 03.04 - Create a floating element

**NATIONAL STANDARDS:** United States - BUSPROG: Technology

**TOPICS:** Floating Page Content

**KEYWORDS:** Bloom's: Remember

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49. Identify the default type for the box-sizing property.

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- a. inherit-box
- b. padding-box
- c. border-box
- d. content-box

*ANSWER:* d  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*REFERENCES:* HTML 192  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.04 - Create a floating element  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Floating Page Content  
*KEYWORDS:* Bloom's: Remember  
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50. When the footer is the last element in a page body, the \_\_\_\_\_ pseudo-element is used to add a placeholder element after the footer.

- a. after
- b. first-line
- c. before
- d. first-letter

*ANSWER:* a  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*REFERENCES:* HTML 196  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.04 - Create a floating element  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Floating Page Content  
*KEYWORDS:* Bloom's: Remember  
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51. Identify a true statement about grids.

- a. New content cannot be placed within a grid as it will be inconsistent with previously entered information.
- b. Grids slow down the development process for establishing a systematic framework for a page layout.
- c. Grids add order to the presentation of a page content without adding any visual rhythm.
- d. A well designed grid is more easily accessible for users with disabilities and special needs.

*ANSWER:* d

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*POINTS:* 1  
*DIFFICULTY:* Moderate  
*REFERENCES:* HTML 203  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.08 - Create a layout grid  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Introducing Grid Layouts  
*KEYWORDS:* Bloom's: Understand  
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52. A layout for a mobile device is typically based on a \_\_\_\_\_ grid.
- a. 6-column
  - b. 1-column
  - c. 13-column
  - d. 12-column

*ANSWER:* b  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*REFERENCES:* HTML 203  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.07 - Explore grid-based layouts  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Introducing Grid Layouts  
*KEYWORDS:* Bloom's: Understand  
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53. Tablet layouts are based on grids of \_\_\_\_\_ columns.
- a. 4 to 12
  - b. 1 to 3
  - c. 0
  - d. 12 or more

*ANSWER:* a  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*REFERENCES:* HTML 203  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.07 - Explore grid-based layouts

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**NATIONAL STANDARDS:** United States - BUSPROG: Technology

**TOPICS:** Introducing Grid Layouts

**KEYWORDS:** Bloom's: Understand

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54. Desktop layouts are often based on layouts with \_\_\_\_\_ columns.

- a. 4 to 12
- b. 1 to 3
- c. 0
- d. 12 or more

**ANSWER:** d

**POINTS:** 1

**DIFFICULTY:** Moderate

**REFERENCES:** HTML 203

**QUESTION TYPE:** Multiple Choice

**HAS VARIABLES:** False

**LEARNING OBJECTIVES:** 03.07 - Explore grid-based layouts

**NATIONAL STANDARDS:** United States - BUSPROG: Technology

**TOPICS:** Introducing Grid Layouts

**KEYWORDS:** Bloom's: Understand

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55. Which of the following is a popular Cascading Style Sheets (CSS) framework?

- a. Flex Unit 4
- b. Medoo
- c. Skeleton
- d. Spark

**ANSWER:** c

**POINTS:** 1

**DIFFICULTY:** Easy

**REFERENCES:** HTML 204

**QUESTION TYPE:** Multiple Choice

**HAS VARIABLES:** False

**LEARNING OBJECTIVES:** 03.08 - Create a layout grid

**NATIONAL STANDARDS:** United States - BUSPROG: Technology

**TOPICS:** Introducing Grid Layouts

**KEYWORDS:** Bloom's: Remember

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56. Identify the element that marks the distinct rows and columns of a grid to give a consistent structure to floating

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objects.

- a. head
- b. div
- c. margin
- d. p

ANSWER: b

POINTS: 1

DIFFICULTY: Easy

REFERENCES: HTML 204

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: 03.07 - Explore grid-based layouts

NATIONAL STANDARDS: United States - BUSPROG: Technology

TOPICS: Introducing Grid Layouts

KEYWORDS: Bloom's: Remember

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57. Which of the following class names is used to indicate a column with a width of 25%?

- a. `<div class="col-25%"></div>`
- b. `<div class="col-1-4"></div>`
- c. `<div class="col-1/4"></div>`
- d. `<div class="col-0.25px"></div>`

ANSWER: b

POINTS: 1

DIFFICULTY: Moderate

REFERENCES: HTML 205

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: 03.08 - Create a layout grid

NATIONAL STANDARDS: United States - BUSPROG: Technology

TOPICS: Setting up a grid

KEYWORDS: Bloom's: Understand

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58. Identify the attribute selector that matches all div elements whose class attribute begins with the text string "col-".

- a. `div[class^="col-"]`
- b. `div[class]="col-"]`
- c. `div[class$="col-"]`
- d. `div[class~="col-"]`

ANSWER: a

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**POINTS:** 1  
**DIFFICULTY:** Moderate  
**REFERENCES:** HTML 209  
**QUESTION TYPE:** Multiple Choice  
**HAS VARIABLES:** False  
**LEARNING OBJECTIVES:** 03.08 - Create a layout grid  
**NATIONAL STANDARDS:** United States - BUSPROG: Technology  
**TOPICS:** Setting up a grid  
**KEYWORDS:** Bloom's: Analyze  
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59. Which of the following style rules is used to draw a 1px red dotted line around every element on a web page along with a wildcard selector?

- a. `*{outline: 1px dotted red;}`
- b. `*{outline-style: 1px dotted red}`
- c. `*{outline-style="1px red dotted"}`
- d. `*{outline: 1px, red, dotted;}`

**ANSWER:** a  
**POINTS:** 1  
**DIFFICULTY:** Moderate  
**REFERENCES:** HTML 216  
**QUESTION TYPE:** Multiple Choice  
**HAS VARIABLES:** False  
**LEARNING OBJECTIVES:** 03.08 - Create a layout grid  
**NATIONAL STANDARDS:** United States - BUSPROG: Technology  
**TOPICS:** Outlining a Grid  
**KEYWORDS:** Bloom's: Apply  
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60. Which of the following can be used to express *value* in the outline-width property `outline-width: value;`?

- a. dotted
- b. thick
- c. dashed
- d. double

**ANSWER:** b  
**POINTS:** 1  
**DIFFICULTY:** Easy  
**REFERENCES:** HTML 216  
**QUESTION TYPE:** Multiple Choice  
**HAS VARIABLES:** False



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*LEARNING OBJECTIVES:* 03.09 - Format a grid

*NATIONAL STANDARDS:* United States - BUSPROG: Technology

*TOPICS:* Outlining a Grid

*KEYWORDS:* Bloom's: Understand

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61. In the outline-style property

outline-style: style;

style can be set to \_\_\_\_\_ for displaying a single line.

a. groove

b. none

c. solid

d. outset

*ANSWER:* c

*POINTS:* 1

*DIFFICULTY:* Easy

*REFERENCES:* HTML 216

*QUESTION TYPE:* Multiple Choice

*HAS VARIABLES:* False

*LEARNING OBJECTIVES:* 03.09 - Format a grid

*NATIONAL STANDARDS:* United States - BUSPROG: Technology

*TOPICS:* Outlining a Grid

*KEYWORDS:* Bloom's: Understand

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62. Which of the following statements is true of outline styles?

a. An outline does not surround an entire element.

b. There are separate outline styles for the left, right, top, or bottom edge of an object.

c. An outline adds values to the width and height of an object.

d. All of the outline styles properties can be combined into the outline shorthand property.

*ANSWER:* d

*POINTS:* 1

*DIFFICULTY:* Moderate

*REFERENCES:* HTML 216

*QUESTION TYPE:* Multiple Choice

*HAS VARIABLES:* False

*LEARNING OBJECTIVES:* 03.09 - Format a grid

*NATIONAL STANDARDS:* United States - BUSPROG: Technology

*TOPICS:* Outlining a Grid

*KEYWORDS:* Bloom's: Understand

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63. A(n) \_\_\_\_\_ is a line drawn around an element, enclosing the element content, padding, and border spaces.

- a. border
- b. margin
- c. outline
- d. inline

*ANSWER:* c

*POINTS:* 1

*DIFFICULTY:* Moderate

*REFERENCES:* HTML 216

*QUESTION TYPE:* Multiple Choice

*HAS VARIABLES:* False

*LEARNING OBJECTIVES:* 03.08 - Create a layout grid

*NATIONAL STANDARDS:* United States - BUSPROG: Technology

*TOPICS:* Outlining a Width

*KEYWORDS:* Bloom's: Understand

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64. Which of the following can be used to express *style* in the outline-style property outline-style: *style*;

- a. thin
- b. thick
- c. ridge
- d. medium

*ANSWER:* c

*POINTS:* 1

*DIFFICULTY:* Easy

*REFERENCES:* HTML 216

*QUESTION TYPE:* Multiple Choice

*HAS VARIABLES:* False

*LEARNING OBJECTIVES:* 03.08 - Create a layout grid

*NATIONAL STANDARDS:* United States - BUSPROG: Technology

*TOPICS:* Outlining a Grid

*KEYWORDS:* Bloom's: Analyze

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65. \_\_\_\_\_ is a popular design element which consists of an enlarged initial letter in a body of text that drops down into the text body.

- a. Drop cap
- b. Title cap
- c. Camel cap

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d. Frame cap

*ANSWER:* a  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*REFERENCES:* HTML 218  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.08 - Create a layout grid  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Outlining a Grid  
*KEYWORDS:* Bloom's: Remember  
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66. To create a drop-cap, one can increase the font size of an element's \_\_\_\_\_ and float it on the left margin.

- a. first line
- b. hyperlink
- c. first letter
- d. ridge

*ANSWER:* c  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*REFERENCES:* HTML 218  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.08 - Create a layout grid  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Outlining a Grid  
*KEYWORDS:* Bloom's: Remember  
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67. Drop caps look better if the first letter's \_\_\_\_\_.

- a. line height is increased
- b. line height is decreased
- c. width is decreased
- d. width is increased

*ANSWER:* b  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*REFERENCES:* HTML 218  
*QUESTION TYPE:* Multiple Choice

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*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.08 - Create a layout grid  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Outlining a Grid  
*KEYWORDS:* Bloom's: Remember  
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68. Identify a grid-based property that is a space-separated list of row heights or column widths.

- a. grid-template-row
- b. grid-template-column
- c. track-list
- d. inline-list

*ANSWER:* c  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*REFERENCES:* HTML 219  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.10 - Explore the CSS grid styles  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Introducing CSS Grids  
*KEYWORDS:* Bloom's: Understand  
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69. The \_\_\_\_\_ unit can be thought of as a share of available space.

- a. wbr
- b. em
- c. fr
- d. grid-template

*ANSWER:* c  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*REFERENCES:* HTML 220  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.08 - Create a layout grid  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Introducing CSS Grids  
*KEYWORDS:* Bloom's: Understand  
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70. Once a Cascading Style Sheets (CSS) grid is established, a specific element within a \_\_\_\_\_ is placed at the intersection of a specified row and column.

- a. stack
- b. grid cell
- c. sibling element
- d. track-list

*ANSWER:* b

*POINTS:* 1

*DIFFICULTY:* Easy

*REFERENCES:* HTML 220

*QUESTION TYPE:* Multiple Choice

*HAS VARIABLES:* False

*LEARNING OBJECTIVES:* 03.10 - Explore the CSS grid styles

*NATIONAL STANDARDS:* United States - BUSPROG: Technology

*TOPICS:* Introducing CSS Grids

*KEYWORDS:* Bloom's: Remember

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71. Internet Explorer supports grid styles using the \_\_\_\_\_ browser prefix.

- a. -ms-
- b. -fr-
- c. -ie-
- d. -wbr-

*ANSWER:* a

*POINTS:* 1

*DIFFICULTY:* Moderate

*REFERENCES:* HTML 221

*QUESTION TYPE:* Multiple Choice

*HAS VARIABLES:* False

*LEARNING OBJECTIVES:* 03.10 - Explore the CSS grid styles

*NATIONAL STANDARDS:* United States - BUSPROG: Technology

*TOPICS:* Introducing CSS Grids

*KEYWORDS:* Bloom's: Understand

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72. Browsers ignore any values specified for the left or top properties under \_\_\_\_\_ positioning.

- a. absolute
- b. static
- c. elastic

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d. inherited

**ANSWER:** b  
**POINTS:** 1  
**DIFFICULTY:** Moderate  
**REFERENCES:** HTML 226  
**QUESTION TYPE:** Multiple Choice  
**HAS VARIABLES:** False  
**LEARNING OBJECTIVES:** 03.11 - Exploring positioning styles  
**NATIONAL STANDARDS:** United States - BUSPROG: Technology  
**TOPICS:** Explore positioning styles  
**KEYWORDS:** Bloom's: Understand  
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73. \_\_\_\_\_ positioning is essentially the same as not using any Cascading Style Sheets (CSS) positioning at all.
- a. Static
  - b. Relative
  - c. Absolute
  - d. Elastic

**ANSWER:** a  
**POINTS:** 1  
**DIFFICULTY:** Moderate  
**REFERENCES:** HTML 226  
**QUESTION TYPE:** Multiple Choice  
**HAS VARIABLES:** False  
**LEARNING OBJECTIVES:** 03.11 - Exploring positioning styles  
**NATIONAL STANDARDS:** United States - BUSPROG: Technology  
**TOPICS:** Positioning Objects  
**KEYWORDS:** Bloom's: Understand  
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74. \_\_\_\_\_ is used to nudge an element out of its normal position in a document flow.
- a. Absolute positioning
  - b. Relative positioning
  - c. Static positioning
  - d. Fixed positioning

**ANSWER:** b  
**POINTS:** 1  
**DIFFICULTY:** Easy  
**REFERENCES:** HTML 226  
**QUESTION TYPE:** Multiple Choice

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*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.12 - Work with relative positioning  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Positioning Objects  
*KEYWORDS:* Bloom's: Remember  
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75. \_\_\_\_\_ places an element at specific coordinates either in a page or within a container element.
- a. Absolute positioning
  - b. Relative positioning
  - c. Static positioning
  - d. Inherited positioning

*ANSWER:* a  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*REFERENCES:* HTML 227  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.12 - Work with relative positioning  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Positioning Objects  
*KEYWORDS:* Bloom's: Remember  
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76. The coordinates for the section element need not be defined as long as its position is set to \_\_\_\_\_.
- a. absolute
  - b. fixed
  - c. relative
  - d. static

*ANSWER:* c  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*REFERENCES:* HTML 228  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.08 - Create a layout grid  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Positioning Objects  
*KEYWORDS:* Bloom's: Understand  
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77. Identify a property that a browser can use to handle excess content.

- a. clip
- b. article
- c. overflow
- d. border

*ANSWER:* c

*POINTS:* 1

*DIFFICULTY:* Easy

*REFERENCES:* HTML 240

*QUESTION TYPE:* Multiple Choice

*HAS VARIABLES:* False

*LEARNING OBJECTIVES:* 03.14 - Work with overflow content

*NATIONAL STANDARDS:* United States - BUSPROG: Technology

*TOPICS:* Handling Overflow

*KEYWORDS:* Bloom's: Remember

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78. The \_\_\_\_\_ value of the overflow style keeps an element at a specified size, adding scroll bars only as they are needed.

- a. scroll
- b. visible
- c. auto
- d. hidden

*ANSWER:* c

*POINTS:* 1

*DIFFICULTY:* Moderate

*REFERENCES:* HTML 240

*QUESTION TYPE:* Multiple Choice

*HAS VARIABLES:* False

*LEARNING OBJECTIVES:* 03.14 - Work with overflow content

*NATIONAL STANDARDS:* United States - BUSPROG: Technology

*TOPICS:* Handling Overflow

*KEYWORDS:* Bloom's: Remember

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79. The \_\_\_\_\_ value of the overflow style keeps the element at a specified height and width, but cuts off excess content.

- a. auto
- b. scroll
- c. hidden
- d. visible



### Tutorial 03: Designing a Page Layout

*ANSWER:* c  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*REFERENCES:* HTML 240  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.14 - Work with overflow content  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Handling Overflow  
*KEYWORDS:* Bloom's: Remember  
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80. The scroll value of the overflow style keeps the element at the specified dimensions, but adds horizontal and vertical scroll bars to allow users to scroll through the \_\_\_\_\_ content.

- a. roll backed
- b. overflowed
- c. text-flowed
- d. in-flowed

*ANSWER:* b  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*REFERENCES:* HTML 240  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.14 - Work with overflow content  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Handling Overflow  
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81. Which of the following is the default overflow property?

- a. visible
- b. hidden
- c. scroll
- d. auto

*ANSWER:* a  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*REFERENCES:* HTML 240  
*QUESTION TYPE:* Multiple Choice

### Tutorial 03: Designing a Page Layout

*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.14 - Work with overflow content  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Handling Overflow  
*KEYWORDS:* Bloom's: Remember  
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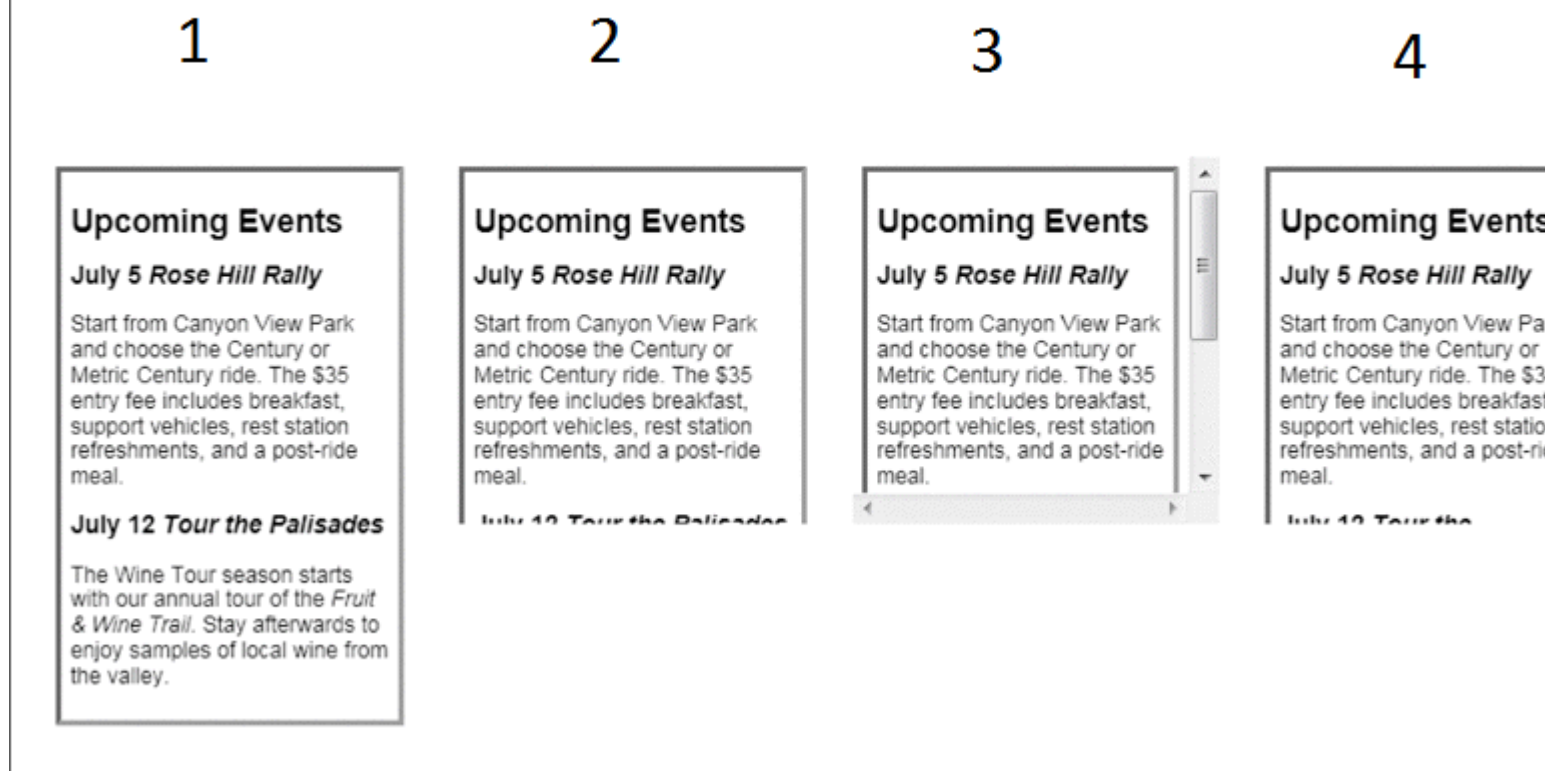
82. In the overflow property, a value of \_\_\_\_\_ instructs browsers to increase the height of an element to fit the overflow content.

- a. hidden
- b. visible
- c. scroll
- d. auto

*ANSWER:* b  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*REFERENCES:* HTML 240  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.14 - Work with overflow content  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Handling Overflow  
*KEYWORDS:* Bloom's: Understand  
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Figure 3.1



83. The item marked \_\_\_\_\_ in Figure 3.1 represents the visible value of the overflow property.

- a. 1
- b. 2
- c. 3
- d. 4

ANSWER:

a

POINTS:

1

DIFFICULTY:

Easy

REFERENCES:

HTML 241

QUESTION TYPE:

Multiple Choice

HAS VARIABLES:

False

PREFACE NAME:

Fig 3.3

LEARNING OBJECTIVES: 03.14 - Work with overflow content

NATIONAL STANDARDS: United States - BUSPROG: Technology

TOPICS: Handling Overflow

KEYWORDS: Bloom's: Apply

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84. Which item in Figure 3.1 represents the scroll overflow style?

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- a. 1
- b. 2
- c. 3
- d. 4

*ANSWER:* c  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*REFERENCES:* HTML 241  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*PREFACE NAME:* Fig 3.3  
*LEARNING OBJECTIVES:* 03.14 - Work with overflow content  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Handling Overflow  
*KEYWORDS:* Bloom's: Apply  
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85. Which of the following is the syntax of the clip property?

- a. clip: rect(top, left, bottom, right);
- b. clip: rect(top, right, bottom, left);
- c. clip: rect(bottom, top, right, left);
- d. clip: rect(bottom, right, top, left);

*ANSWER:* b  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*REFERENCES:* HTML 243  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.14 - Work with overflow content  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Clipping an Element  
*KEYWORDS:* Bloom's: Understand  
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86. Identify the style that should be applied to remove clipping completely from an element.

- a. clip: none
- b. clip: hidden
- c. clip: left
- d. clip: auto

*ANSWER:* d

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*POINTS:* 1  
*DIFFICULTY:* Moderate  
*REFERENCES:* HTML 244  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.14 - Work with overflow content  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Clipping an Element  
*KEYWORDS:* Bloom's: Understand  
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87. Clipping can only be applied when an object is placed using \_\_\_\_\_ positioning.
- a. absolute
  - b. static
  - c. relative
  - d. fixed

*ANSWER:* a  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*REFERENCES:* HTML 244  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.13 - Work with absolute positioning  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Clipping an Element  
*KEYWORDS:* Bloom's: Understand  
*DATE CREATED:* 4/3/2017 9:40 AM  
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88. Scroll bars for overflow content are usually placed \_\_\_\_\_ so that one can scroll down to view the extra content.
- a. horizontally
  - b. vertically
  - c. in the corners
  - d. at the bottom

*ANSWER:* b  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*REFERENCES:* HTML 243  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.14 - Work with overflow content

### Tutorial 03: Designing a Page Layout

*NATIONAL STANDARDS:* United States - BUSPROG: Technology

*TOPICS:* Work with overflow content

*KEYWORDS:* Bloom's: Understand

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89. The \_\_\_\_\_ property allows one to define a rectangular region through which an element's content can be viewed.

- a. crop
- b. static
- c. auto
- d. clip

*ANSWER:* d

*POINTS:* 1

*DIFFICULTY:* Easy

*REFERENCES:* HTML 243

*QUESTION TYPE:* Multiple Choice

*HAS VARIABLES:* False

*LEARNING OBJECTIVES:* 03.14 - Work with overflow content

*NATIONAL STANDARDS:* United States - BUSPROG: Technology

*TOPICS:* Clipping an element

*KEYWORDS:* Bloom's: Remember

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90. In z-index: *value*; property, *value* is a(n) \_\_\_\_\_.

- a. fraction
- b. imaginary number
- c. integer
- d. decimal

*ANSWER:* c

*POINTS:* 1

*DIFFICULTY:* Easy

*REFERENCES:* HTML 244

*QUESTION TYPE:* Multiple Choice

*HAS VARIABLES:* False

*LEARNING OBJECTIVES:* 03.14 - Work with overflow content

*NATIONAL STANDARDS:* United States - BUSPROG: Technology

*TOPICS:* Stacking elements

*KEYWORDS:* Bloom's: Remember

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91. In the z-index property, the value of \_\_\_\_\_ stacks the object using default rules.

### Tutorial 03: Designing a Page Layout

- a. left
- b. hidden
- c. auto
- d. none

*ANSWER:* c  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*REFERENCES:* HTML 244  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.14 - Work with overflow content  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Stacking elements  
*KEYWORDS:* Bloom's: Understand  
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92. When a rectangular region is defined using an appropriate style, which value matches the specified edge of the clipping region to the edge of the parent element?

- a. right
- b. default
- c. auto
- d. left

*ANSWER:* c  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*REFERENCES:* HTML 244  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.14 - Work with overflow content  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Clipping an element  
*KEYWORDS:* Bloom's: Remember  
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93. To specify a stacking order, one can use the \_\_\_\_\_ property.

- a. index
- b. layer
- c. z-layer
- d. z-index

*ANSWER:* d

### Tutorial 03: Designing a Page Layout

*POINTS:* 1  
*DIFFICULTY:* Easy  
*REFERENCES:* HTML 244  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.14 - Work with overflow content  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Stacking elements  
*KEYWORDS:* Bloom's: Remember  
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94. \_\_\_\_\_, a principle of design, involves the distribution of elements.
- a. Unity
  - b. Balance
  - c. Contrast
  - d. Rhythm

*ANSWER:* b  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*REFERENCES:* HTML 245  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.14 - Work with overflow content  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Stacking Elements  
*KEYWORDS:* Bloom's: Remember  
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95. \_\_\_\_\_, a principle of design, is the repetition or alternation of a design element in order to provide a sense of movement, flow, and progress.
- a. Unity
  - b. Balance
  - c. Rhythm
  - d. Emphasis

*ANSWER:* c  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*REFERENCES:* HTML 245  
*QUESTION TYPE:* Multiple Choice  
*HAS VARIABLES:* False



### Tutorial 03: Designing a Page Layout

*LEARNING OBJECTIVES:* 03.14 - Work with overflow content

*NATIONAL STANDARDS:* United States - BUSPROG: Technology

*TOPICS:* Stacking Elements

*KEYWORDS:* Bloom's: Remember

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96. \_\_\_\_\_, a principle of design, involves working with the focal point of a design.

- a. Balance
- b. Rhythm
- c. Emphasis
- d. Unity

*ANSWER:* c

*POINTS:* 1

*DIFFICULTY:* Easy

*REFERENCES:* HTML 245

*QUESTION TYPE:* Multiple Choice

*HAS VARIABLES:* False

*LEARNING OBJECTIVES:* 03.14 - Work with overflow content

*NATIONAL STANDARDS:* United States - BUSPROG: Technology

*TOPICS:* Stacking Elements

*KEYWORDS:* Bloom's: Remember

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Ken has built a website for his assignment. He has created a blue background image for each link to the chapters that appear on the site. Also, each link appears in green without underlines.

97. Ken can space the links equally across the browser window, to make the page text easier to read, by changing the \_\_\_\_\_.

- a. text-align
- b. width
- c. font-size
- d. height

*ANSWER:* b

*POINTS:* 1

*DIFFICULTY:* Moderate

*REFERENCES:* HTML 178

*QUESTION TYPE:* Multiple Choice

*HAS VARIABLES:* False

*PREFACE NAME:* Case 3-1

*LEARNING OBJECTIVES:* 03.08 - Create a layout grid

*NATIONAL STANDARDS:* United States - BUSPROG: Technology

### Tutorial 03: Designing a Page Layout

*TOPICS:* Working with Width and Height

*KEYWORDS:* Bloom's: Apply

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98. Which of the following styles has Ken most likely used to remove the underline from links?

- a. text-format
- b. text-decoration
- c. text-align
- d. text-font

*ANSWER:* b

*POINTS:* 1

*DIFFICULTY:* Moderate

*REFERENCES:* HTML 174

*QUESTION TYPE:* Multiple Choice

*HAS VARIABLES:* False

*PREFACE NAME:* Case 3-1

*LEARNING OBJECTIVES:* 03.01 - Create a reset style sheet

*NATIONAL STANDARDS:* United States - BUSPROG: Technology

*TOPICS:* Create a Reset Style Sheet

*KEYWORDS:* Bloom's: Apply

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The Yacht club has a web site that consists of a picture of the yacht club room along with the yacht club rules on the left. On the right side is a list of upcoming events, the company logo, and the yacht club teacher training dates. Sue, the web designer, needs some help with Cascading Style Sheets (CSS) to make sure the pages display correctly.

99. Which display value would work best to prevent the pictures from displaying when the web page loads?

- a. inherit
- b. run-in
- c. block
- d. none

*ANSWER:* d

*POINTS:* 1

*DIFFICULTY:* Moderate

*REFERENCES:* HTML 172

*QUESTION TYPE:* Multiple Choice

*HAS VARIABLES:* False

*PREFACE NAME:* Case 3-2

*LEARNING OBJECTIVES:* 03.01 - Create a reset style sheet

*NATIONAL STANDARDS:* United States - BUSPROG: Technology

*TOPICS:* Introducing the display Style

### Tutorial 03: Designing a Page Layout

**KEYWORDS:** Bloom's: Apply  
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100. Sue needs to create a \_\_\_\_\_ style sheet so that no unwanted styles can creep in from any browser's internal style sheet.

- a. redesign
- b. reset
- c. design
- d. planned

**ANSWER:** b  
**POINTS:** 1  
**DIFFICULTY:** Moderate  
**REFERENCES:** HTML 172  
**QUESTION TYPE:** Multiple Choice  
**HAS VARIABLES:** False  
**PREFACE NAME:** Case 3-2  
**LEARNING OBJECTIVES:** 03.01 - Create a reset style sheet  
**NATIONAL STANDARDS:** United States - BUSPROG: Technology  
**TOPICS:** Create a Reset Style Sheet  
**KEYWORDS:** Bloom's: Apply  
**DATE CREATED:** 4/3/2017 9:40 AM  
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101. To make the webpage display the yacht club rules in a bulleted list, \_\_\_\_\_ should be used.

- a. display: list-item
- b. display: item-list
- c. display: list
- d. display: top-list

**ANSWER:** a  
**POINTS:** 1  
**DIFFICULTY:** Moderate  
**REFERENCES:** HTML 172  
**QUESTION TYPE:** Multiple Choice  
**HAS VARIABLES:** False  
**PREFACE NAME:** Case 3-2  
**LEARNING OBJECTIVES:** 03.01 - Create a reset style sheet  
**NATIONAL STANDARDS:** United States - BUSPROG: Technology  
**TOPICS:** Create a Reset Style Sheet  
**KEYWORDS:** Bloom's: Apply  
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## Tutorial 03: Designing a Page Layout

### Completion

102. In a(n) \_\_\_\_\_ page layout, all measurements are expressed in em units and based on the default font size used in the page.

**ANSWER:** elastic

**POINTS:** 1

**DIFFICULTY:** Easy

**REFERENCES:** HTML 177

**QUESTION TYPE:** Completion

**HAS VARIABLES:** False

**LEARNING OBJECTIVES:** 03.02 - Explore page layout designs

**NATIONAL STANDARDS:** United States - BUSPROG: Technology

**TOPICS:** Exploring Page Layout Designs

**KEYWORDS:** Bloom's: Remember

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103. The web is moving quickly toward the principles of \_\_\_\_\_ design in which the layout and design of a page changes in response to the device that is rendering it.

**ANSWER:** responsive

**POINTS:** 1

**DIFFICULTY:** Easy

**REFERENCES:** HTML 177

**QUESTION TYPE:** Completion

**HAS VARIABLES:** False

**LEARNING OBJECTIVES:** 03.02 - Explore page layout designs

**NATIONAL STANDARDS:** United States - BUSPROG: Technology

**TOPICS:** Exploring Page Layout Designs

**KEYWORDS:** Bloom's: Remember

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104. Block elements can be centered horizontally within their parent element by setting both the left and right margins to \_\_\_\_\_.

**ANSWER:** auto

**POINTS:** 1

**DIFFICULTY:** Moderate

**REFERENCES:** HTML 181

**QUESTION TYPE:** Completion

**HAS VARIABLES:** False

**LEARNING OBJECTIVES:** 03.03 - Center a block element

**NATIONAL STANDARDS:** United States - BUSPROG: Technology

**TOPICS:** Working with Width and Height

### Tutorial 03: Designing a Page Layout

**KEYWORDS:** Bloom's: Understand

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105. If \_\_\_\_\_ elements are floated along the same margin, they are placed alongside each other within a row.

**ANSWER:** sibling

**POINTS:** 1

**DIFFICULTY:** Moderate

**REFERENCES:** HTML 183

**QUESTION TYPE:** Completion

**HAS VARIABLES:** False

**LEARNING OBJECTIVES:** 03.05 - Clear a floating layout

**NATIONAL STANDARDS:** United States - BUSPROG: Technology

**TOPICS:** Floating Page Content

**KEYWORDS:** Bloom's: Understand

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106. \_\_\_\_\_ an element takes it out of position and places it along the left or right edge of its parent element.

**ANSWER:** Floating

**POINTS:** 1

**DIFFICULTY:** Easy

**REFERENCES:** HTML 183

**QUESTION TYPE:** Completion

**HAS VARIABLES:** False

**LEARNING OBJECTIVES:** 03.05 - Clear a floating layout

**NATIONAL STANDARDS:** United States - BUSPROG: Technology

**TOPICS:** Floating Page Content

**KEYWORDS:** Bloom's: Remember

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107. To ensure that an element is always displayed below floating elements, the \_\_\_\_\_ property should be applied.

**ANSWER:** clear

**POINTS:** 1

**DIFFICULTY:** Moderate

**REFERENCES:** HTML 187

**QUESTION TYPE:** Completion

**HAS VARIABLES:** False

**LEARNING OBJECTIVES:** 03.05 - Clear a floating layout

**NATIONAL STANDARDS:** United States - BUSPROG: Technology

**TOPICS:** Floating Page Content

**KEYWORDS:** Bloom's: Remember

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108. In refining a floated layout, by default, browsers measure widths using the \_\_\_\_\_ box model in which the width property only refers to the width of the element content and any padding or borders constitute added space.

*ANSWER:* content

*POINTS:* 1

*DIFFICULTY:* Easy

*REFERENCES:* HTML 191

*QUESTION TYPE:* Completion

*HAS VARIABLES:* False

*LEARNING OBJECTIVES:* 03.04 - Create a floating element

*NATIONAL STANDARDS:* United States - BUSPROG: Technology

*TOPICS:* Floating Page Content

*KEYWORDS:* Bloom's: Remember

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109. Block elements are laid out in a webpage according to the \_\_\_\_\_ model.

*ANSWER:* box

*POINTS:* 1

*DIFFICULTY:* Easy

*REFERENCES:* HTML 191

*QUESTION TYPE:* Completion

*HAS VARIABLES:* False

*LEARNING OBJECTIVES:* 03.04 - Create a floating element

*NATIONAL STANDARDS:* United States - BUSPROG: Technology

*TOPICS:* Floating Page Content

*KEYWORDS:* Bloom's: Remember

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110. In refining a floated layout, Cascading Style Sheets (CSS) support the \_\_\_\_\_ box model in which the width property is based on the sum of the content, padding, and border spaces and any space taken up by the padding and border is subtracted from space given to the content.

*ANSWER:* border

*POINTS:* 1

*DIFFICULTY:* Easy

*REFERENCES:* HTML 191

*QUESTION TYPE:* Completion

*HAS VARIABLES:* False

*LEARNING OBJECTIVES:* 03.04 - Create a floating element

*NATIONAL STANDARDS:* United States - BUSPROG: Technology

### Tutorial 03: Designing a Page Layout

**TOPICS:** Floating Page Content

**KEYWORDS:** Bloom's: Remember

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111. A situation in which a container is empty and has no height and no background to color is known as \_\_\_\_\_.

**ANSWER:** container collapse

**POINTS:** 1

**DIFFICULTY:** Easy

**REFERENCES:** HTML 195

**QUESTION TYPE:** Completion

**HAS VARIABLES:** False

**LEARNING OBJECTIVES:** 03.06 - Prevent container collapse

**NATIONAL STANDARDS:** United States - BUSPROG: Technology

**TOPICS:** Floating Page Content

**KEYWORDS:** Bloom's: Remember

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112. The Cascading Style Sheets (CSS) grid styles introduced the \_\_\_\_\_ unit, which represents the fraction of available space left on the grid after all other rows or columns have attained their maximum allowable size.

**ANSWER:** fr

**POINTS:** 1

**DIFFICULTY:** Easy

**REFERENCES:** HTML 219

**QUESTION TYPE:** Completion

**HAS VARIABLES:** False

**LEARNING OBJECTIVES:** 03.10 - Explore the CSS grid styles

**NATIONAL STANDARDS:** United States - BUSPROG: Technology

**TOPICS:** Introducing CSS Grids

**KEYWORDS:** Bloom's: Remember

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113. static, relative, absolute, fixed, and inherit are the five kinds of \_\_\_\_\_ supported by Cascading Style Sheets (CSS).

**ANSWER:** positioning

**POINTS:** 1

**DIFFICULTY:** Easy

**REFERENCES:** HTML 226

**QUESTION TYPE:** Completion

**HAS VARIABLES:** False

**LEARNING OBJECTIVES:** 03.11 - Exploring positioning styles

## Tutorial 03: Designing a Page Layout

*NATIONAL STANDARDS:* United States - BUSPROG: Technology

*TOPICS:* Positioning Objects

*KEYWORDS:* Bloom's: Understand

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114. \_\_\_\_\_ positioning is used to nudge an element out of its normal position in a document flow.

*ANSWER:* Relative

*POINTS:* 1

*DIFFICULTY:* Easy

*REFERENCES:* HTML 226

*QUESTION TYPE:* Completion

*HAS VARIABLES:* False

*LEARNING OBJECTIVES:* 03.12 - Work with relative positioning

*NATIONAL STANDARDS:* United States - BUSPROG: Technology

*TOPICS:* Positioning Objects

*KEYWORDS:* Bloom's: Remember

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115. In \_\_\_\_\_ positioning, an element is placed where it would have fallen naturally within the flow of a document.

*ANSWER:* static

*POINTS:* 1

*DIFFICULTY:* Easy

*REFERENCES:* HTML 226

*QUESTION TYPE:* Completion

*HAS VARIABLES:* False

*LEARNING OBJECTIVES:* 03.11 - Exploring positioning styles

*NATIONAL STANDARDS:* United States - BUSPROG: Technology

*TOPICS:* Positioning Objects

*KEYWORDS:* Bloom's: Remember

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116. \_\_\_\_\_ positioning places an element at specific coordinates either in a page or within a container element.

*ANSWER:* Absolute

*POINTS:* 1

*DIFFICULTY:* Easy

*REFERENCES:* HTML 227

*QUESTION TYPE:* Completion

*HAS VARIABLES:* False

*LEARNING OBJECTIVES:* 03.13 - Work with absolute positioning

*NATIONAL STANDARDS:* United States - BUSPROG: Technology



### Tutorial 03: Designing a Page Layout

*TOPICS:* Positioning Objects  
*KEYWORDS:* Bloom's: Remember  
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117. The \_\_\_\_\_ value of the overflow style keeps the element at a specified size, adding scroll bars only as they are needed.

*ANSWER:* auto  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*REFERENCES:* HTML 240  
*QUESTION TYPE:* Completion  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.14 - Work with overflow content  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Handling Overflow  
*KEYWORDS:* Bloom's: Understand  
*DATE CREATED:* 4/3/2017 9:40 AM  
*DATE MODIFIED:* 4/3/2017 9:40 AM

118. The white-space property of an element is set to \_\_\_\_\_, which keeps inline content on a single line, preventing line wrapping.

*ANSWER:* nowrap  
*POINTS:* 1  
*DIFFICULTY:* Moderate  
*REFERENCES:* HTML 243  
*QUESTION TYPE:* Completion  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.14 - Work with overflow content  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Handling Overflow  
*KEYWORDS:* Bloom's: Understand  
*DATE CREATED:* 4/3/2017 9:40 AM  
*DATE MODIFIED:* 4/3/2017 9:40 AM

119. The \_\_\_\_\_ property, closely related to the overflow property, defines a rectangular region through which an element's content can be viewed.

*ANSWER:* clip  
*POINTS:* 1  
*DIFFICULTY:* Easy  
*REFERENCES:* HTML 243  
*QUESTION TYPE:* Completion  
*HAS VARIABLES:* False

### Tutorial 03: Designing a Page Layout

**LEARNING OBJECTIVES:** 03.14 - Work with overflow content

**NATIONAL STANDARDS:** United States - BUSPROG: Technology

**TOPICS:** Clipping an Element

**KEYWORDS:** Bloom's: Remember

**DATE CREATED:** 4/3/2017 9:40 AM

**DATE MODIFIED:** 4/3/2017 9:40 AM

120. \_\_\_\_\_ is the ability to combine different design elements into a cohesive whole.

**ANSWER:** Unity

**POINTS:** 1

**DIFFICULTY:** Easy

**REFERENCES:** HTML 245

**QUESTION TYPE:** Completion

**HAS VARIABLES:** False

**LEARNING OBJECTIVES:** 03.02 - Explore page layout designs

**NATIONAL STANDARDS:** United States - BUSPROG: Technology

**TOPICS:** Stacking Elements

**KEYWORDS:** Bloom's: Remember

**DATE CREATED:** 4/3/2017 9:40 AM

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121. The design principle \_\_\_\_\_ consists of the differences among all of the page elements.

**ANSWER:** contrast

**POINTS:** 1

**DIFFICULTY:** Easy

**REFERENCES:** HTML 245

**QUESTION TYPE:** Completion

**HAS VARIABLES:** False

**LEARNING OBJECTIVES:** 03.02 - Explore page layout designs

**NATIONAL STANDARDS:** United States - BUSPROG: Technology

**TOPICS:** Stacking Elements

**KEYWORDS:** Bloom's: Remember

**DATE CREATED:** 4/3/2017 9:40 AM

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### Matching

*Identify the letters of the choices that best match the phrases or definitions.*

- |                      |                 |
|----------------------|-----------------|
| a. Reset style sheet | b. Fluid layout |
| c. Clipping          | d. static       |
| e. absolute          | f. relative     |
| g. Fixed layout      | h. inherit      |
| i. none              | j. run-in       |

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k. Elastic layout      l. z-index

*DIFFICULTY:*              Easy  
                                 Moderate

*REFERENCES:*            HTML 172  
                                 HTML 176  
                                 HTML 177  
                                 HTML 226  
                                 HTML 227  
                                 HTML 243  
                                 HTML 244

*QUESTION TYPE:*        Matching

*HAS VARIABLES:*        False

*LEARNING OBJECTIVES:* 03.01 - Create a reset style sheet  
                                 03.02 - Explore page layout designs  
                                 03.11 - Exploring positioning styles  
                                 03.14 - Work with overflow content

*NATIONAL STANDARDS:* United States - BUSPROG: Technology

*TOPICS:*                    Introducing the display Style  
                                 Creating a Reset Style Sheet  
                                 Exploring Page Layout Designs  
                                 Positioning Objects  
                                 Handling Overflow  
                                 Stacking Elements

*KEYWORDS:*                Bloom's: Remember | Bloom's: Understand

*DATE CREATED:*           4/3/2017 9:40 AM

*DATE MODIFIED:*         4/3/2017 9:40 AM

122. Prevents an element from displaying, removing it from the page structure

*ANSWER:* i

*POINTS:* 1

123. Supersedes a browser's default styles and provides a consistent starting point for page design

*ANSWER:* a

*POINTS:* 1

124. Uses pixels as the unit of measure

*ANSWER:* g

*POINTS:* 1

125. Uses percentage as the unit of measure

*ANSWER:* b

*POINTS:* 1

126. Expresses measurements in em units

*ANSWER:* k

*POINTS:* 1

### Tutorial 03: Designing a Page Layout

127. The default positioning style

ANSWER: d

POINTS: 1

128. Displays an element as a block unless its next sibling is also a block

ANSWER: j

POINTS: 1

129. Assigns an element the display property of its parent element

ANSWER: h

POINTS: 1

130. A positioning used to nudge an element out of its normal position in a document flow

ANSWER: f

POINTS: 1

131. A positioning that enables one to place an element at specific coordinates within a container

ANSWER: e

POINTS: 1

132. Specifies a stacking order

ANSWER: l

POINTS: 1

133. Defines a rectangular region through which an element's content can be viewed

ANSWER: c

POINTS: 1

#### Essay

134. Discuss the three categories—fixed, fluid, and elastic—of web page layouts.

ANSWER:

#### **Fixed, Fluid, and Elastic Layouts**

Web page layouts fall into three general categories: fixed, fluid, and elastic. A **fixed layout** is one in which the size of the web page and the size of the elements within it are set regardless of the screen resolution. A **fluid** or **liquid layout** defines the size of the page and its elements as a percentage of the screen width, that is, the width of the web page and its elements is proportional to the width of the screen. Fixed layouts stay the same size regardless of the screen resolution. Fluid layouts change with the screen resolution.

In general, fixed layouts are easier to set up and maintain, but they're less pleasing to the eye when viewed on wider screens. A fluid layout may be more difficult to set up initially, but it's more adaptable to a market in which users access the web from a variety of devices and screen resolutions. Many designers use a combination of fixed and fluid page elements, enabling them to have the best of both worlds. Another approach is to use a script that queries each browser about its screen resolution and then adapts the page to that resolution.

Finally, some designers propose the use of **elastic layouts** in which all measurements are expressed relative to the default font size using the em unit. If a user or the designer increases

## Tutorial 03: Designing a Page Layout

the font size, then the width, height, and location of all of the other page elements, including images, change to match. Thus, images and text are always sized in proportion with each other. The disadvantage to this approach is that since sizing is based on the font size and not on the screen resolution, there is a danger that if a user sets the default font size large enough, the page will extend beyond the boundaries of the browser window.

*POINTS:* 1  
*DIFFICULTY:* Easy  
*REFERENCES:* HTML 176  
 HTML 177  
*QUESTION TYPE:* Essay  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.01 - Create a reset style sheet  
*NATIONAL STANDARDS:* United States - BUSPROG: Technology  
*TOPICS:* Creating a Reset Style Sheet  
*KEYWORDS:* Bloom's: Understand  
*DATE CREATED:* 4/3/2017 9:40 AM  
*DATE MODIFIED:* 4/3/2017 9:40 AM

135. List the advantages of working from a grid and the basic types of grid layouts.

*ANSWER:* Working from a grid has several practical and aesthetical advantages, including the following:

- Grids add order to the presentation of page content, adding visual rhythm, which is pleasing to the eye.
- A consistent logical design gives readers the confidence to find the information they seek.
- New content can be easily placed within a grid in a way that is inconsistent with previously entered information.
- A well designed grid is more easily accessible for users with disabilities and special needs.
- Grids speed up the development process by establishing a systematic framework for the page layout.

There are two basic types of grid layouts: fixed grids and fluid grids.

In a **fixed grid**, the widths of the columns and margins are specified in pixels, where every column has a fixed position.

A **fluid grid**, in which column widths are expressed in percentages rather than pixels, is often used to provide more support across different devices.

*POINTS:* 1  
*DIFFICULTY:* Moderate  
*REFERENCES:* HTML 203  
*QUESTION TYPE:* Essay  
*HAS VARIABLES:* False  
*LEARNING OBJECTIVES:* 03.08 - Create a layout grid

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

**Tutorial 03: Designing a Page Layout***NATIONAL STANDARDS:* United States - BUSPROG: Technology*TOPICS:* Introducing Grid Layouts*KEYWORDS:* Bloom's: Understand*DATE CREATED:* 4/3/2017 9:40 AM*DATE MODIFIED:* 4/3/2017 9:40 AM

136. Discuss the various types of Cascading Style Sheets (CSS) positioning styles.

*ANSWER:* CSS supports five kinds of positioning: static (the default), relative, absolute, fixed, and inherit. In **static positioning**, the element is placed where it would have fallen naturally within the flow of a document. This is essentially the same as not using any CSS positioning at all. Browsers ignore any values specified for the top, left, bottom, or right properties under static positioning.

Relative positioning is used to nudge an element out of its normal position in a document flow. Under relative positioning, the top, right, bottom, and left properties indicate the extra space that is placed alongside the element as it is shifted to a new position.

Absolute positioning places an element at specific coordinates within a container where the top property indicates the position of the element's top edge, the right property sets the position of the right edge, the bottom property sets the bottom edge position, and the left property sets the position of the left edge.

To place an object with absolute positioning, use either the top/left coordinates or the bottom/right coordinates but not all four coordinates at the same time because that would confuse the browser.

When one scrolls through a document in a browser window, the page content scrolls along. If an object within the browser window has to be fixed so that it doesn't scroll, its position property can be set to fixed.

The position property can be set to inherit so that an element inherits the position value of its parent element.

*POINTS:* 1*DIFFICULTY:* Understand

*REFERENCES:* HTML 226  
HTML 227  
HTML 228  
HTML 229  
HTML 230

*QUESTION TYPE:* Essay*HAS VARIABLES:* False*LEARNING OBJECTIVES:* 03.11 - Exploring positioning styles*NATIONAL STANDARDS:* United States - BUSPROG: Technology*TOPICS:* Positioning Objects*KEYWORDS:* Bloom's: Understand*DATE CREATED:* 4/3/2017 9:40 AM*DATE MODIFIED:* 4/3/2017 9:40 AM