✓ **Congratulations! You passed!**

Grade received 90%   **Latest Submission Grade** 90%   **To pass** 80% or higher

[**Go to next item**]

You reached new skill level: [Intermediate]

HTML and CSS   Your score: **183** (↑36)   [Intermediate]

Well done! At an intermediate level, you have a solid understanding of the material and are able to pass intermediate content. You can apply key concepts on most tasks.

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1. Which of the following attribute selectors will make a selection based on starting of the value specified?   **1 / 1 point**

   ○ [attribute*="value"]

   ○ [attribute~="value"]

   ○ [attribute="value"]

   ⦿ [attribute^="value"]

   ✓ **Correct**
   Correct. The ^ character used with an attribute selector will select values whose value will start with the specified value.

2. div + p is an example of which type of CSS selector?   **1 / 1 point**

   ○ General Sibling Selector

   ⦿ Adjacent Sibling Selector

   ○ Child Selector

   ✓ **Correct**
   Correct. The + character used to define an adjacent sibling selector. In this case it will select p elements if it immediately following a div element.

3. Which of the following CSS selectors is suitable for selecting an element that is a child of another element? Select all that apply.   **1 / 1 point**

   ☐ Pseudo-class Selector

   ☑ Child Selector

   ✓ **Correct**
   Correct. The Child Selector can select an element that is a child of another element.

   ☑ Descendant Selector

   ✓ **Correct**
   Correct. The Descendant Selector can select an element that is a child or descendant of another element.

4. True or false. The following CSS code will change the color of paragraph elements to red.   **1 / 1 point**

```
1
2   /*
3   p { color: red; }
4   */
5
```

   ○ True

   ⦿ False

   ✓ **Correct**
   Correct. The CSS rule is commented out and therefore it will not be applied.

5. An element with the property set as 'position: fixed' is placed relative to the parent (or ancestor) element, not the viewport.

1 / 1 point

○ True

◉ False

✓ **Correct**
That's correct! The fixed position will place the element relative to the viewport.

6. You want to set the font-size of an element relative to the font-size of the root HTML element. Which of the following is the appropriate unit of measurement?

1 / 1 point

○ em

◉ rem

○ px

✓ **Correct**
That's correct! The rem unit is relative to the font-size of the root element.

7. Which of the following ARE a part of the grid shorthand property? Select all that apply.

0 / 1 point

☑ grid-template-areas

✓ **Correct**
Correct. grid-template-areas specifies areas within the grid layout.

☑ align-self

✗ **This should not be selected**
Not quite. Review the item, "CSS Grids" in Lesson 1, "Creating layouts"..

☑ grid-area

✗ **This should not be selected**
Not quite. Review the item, "CSS Grids" in Lesson 1, "Creating layouts".

☑ grid-auto-flow

✓ **Correct**
Correct. grid-auto-flow controls how auto-placed items are inserted into the grid.

8. Which of the following rules inside the @keyframes is valid code for moving an item by 100px from left to right, assuming elements have an absolute position. Select all that apply.

1 / 1 point

☐ None of the above

☑ from {left:0px;} to {left:100px;}

✓ **Correct**
Correct. You can use the right or left property to make the changes.

☑ from {right:100px;} to {right:0px;}

✓ **Correct**
Correct. You can use the right or left property to make the changes.

☐ from {top:0px;} to {top:100px;}

9. Which of the following are benefits of using preprocessors?

1 / 1 point

☑ If-Else Statements

✓ **Correct**
That's correct! You can conditionally output CSS rules and properties.

☑ Variable re-use

✓ **Correct**
That's correct! You can define and use variables when using a preprocessor.

☑ Loops

✓ **Correct**
That's correct! You can use loops to generate CSS rules.

10. You're developing a website and another developer noticed that your CSS contains errors. Which of the following will help resolve CSS errors?

1 / 1 point

☑ Inspect the web page using the browser developer tools

⊘ **Correct**

That's correct! Developers tools do help trace errors during development if browsers are used.

☑ Install and use a linter

⊘ **Correct**

That's correct! A linter will validate that your CSS contains no errors.

☐ Review CSS selectors used and ensure that they are more specific