**Worksheet for Chapter 5**

**Quick Check 1**

1. **Provide the code to reference the last child element of the element with the id “main”.**

document.getElementById(“main”).lastElementChild;

1. **What properties would you combine to reference the “cousin” of a node? (where cousin refers to the first child of the previous sibling of the parent of node.)**

node.parentElement.previousElementSibling.firstElementChild;

1. **Provide code to create a span element node named rating belonging to the “review” class.**

let rating = document.createElement(“span”)  
rating.className = “review”

1. **Provide code to append the rating element node to a div element with the id “reviews”.**

let reviewsDiv = document.getElementById(“reviews”);  
reviewsDiv.appendChild(rating);

**Quick Check 2**

1. **Where does the appendChild() method place nodes?**

appendChild() places a node as the last child of the parent node

1. **Provide code to create a copy of the rating node, including all the node’s descendants.**

let ratingCopy = rating.cloneNode(true);

1. **Provide code to repeat the checkAnswers() function every 10 seconds, store the time id in the variable timeID.**

let timeID = window.setInterval(checkAnswers, 10000);

1. **Provide code to stop the checkAnswers() function from repeating.**

window.clearInterval(timeID);  
timeID = undefined;

**Quick Check 3**

1. **Provide code to create a confirmation window with the message “Do you wish to continue?”, storing the response in the continuePlay variable.**

let continuePlay = window.confirm(“Do you wish to continue?”);

1. **Provide code the URL “http://www.microsoft.com” in a new browser window named newWin that is 600 pixels wide and 400 pixels tall. Store the window object in variable named myWindow.**

let myWindow = window.open(“http://www.microsoft.com”, “newWin”, “width=600, height=400”);

1. **Provide code to increase the width of myWindow by 100 pixels and the height by 50 pixels.**

myWindow.resizeBy(100, 50);

1. **What do you use the this object for?**

To reference the owner of a currently running segment of JS code, as in the object that initiated a function to run.

**Quick Check 4**

1. **Provide two statements that display the previous page in the browser history.**

window.history.back();  
window.history.go(-1);

1. **Provide an expression to return the width of screen after adjusting for browser features such as toolbars, menus, and scrollbars.**

let screenWidth = screen.availWidth;