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Module 4 Quiz

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1. Which of these are true about setInterval()? (Select all that apply.) **1 / 1 point**

- [x] It repeatedly calls the function until stopped.

  Correct
  This is true about what setInterval() does.

- [x] It runs a function.

  Correct
  This is true about what setInterval() does.

- [x] It waits a specified amount of time.

  Correct
  This is true about what setInterval() does.

- [ ] It only calls a function once.

2. Which of these are true about setTimeout()? (Select all that apply.) **1 / 1 point**

- [x] It waits a specified amount of time.

  Correct
  This is true about what setTimeout() does.

- [x] It calls the function once.

  Correct
  This is true about what setTimeout() does.

- [ ] It repeatedly calls the function until stopped.
- [x] It runs a function.

  Correct
  This is true about what setTimeout() does.

3. What does recursion mean in JavaScript? **1 / 1 point**

- ( ) Recursive functions require a loop in order to run.
- ( ) Recursion is where a named function calls an anonymous function.
- (•) It refers to a function that calls itself.
- ( ) Recursion is where an anonymous function calls a named function.

Correct
A recursive function is one where the function contains a call to itself.

4. What is one particularly useful feature of using recursion? **1 / 1 point**

- ( ) Recursive functions eliminate the need to ever give functions names
- ( ) Recursive functions allow you to call a function inside a loop
- ( ) Recursive functions are required when using setTimeout()

- (●) Recurring functions can run differently each time they are called.

Correct
The ability to repeatedly call a function but have it run differently can be very helpful.

5. Which part of a slider is not needed when running on a timer? (Select all that apply.) **1 / 1 point**

- [x] The “previous” event handler

Correct
This is not needed when using a timer.

- [x] The “next” and “previous” links

Correct
This is not needed when using a timer.

- [ ] Any of the functions
- [ ] The styles that control the appearance of the slider

6. Why should you add code to pause the slider when the user mouses over it? **1 / 1 point**

- ( ) Pausing is built-in to all timed sliders automatically
- (●) You should allow your user to pause the timer in case they want to read the information on it.
- ( ) Sliders will not work without the ability to pause

Correct
You want to make sure the users have the ability to pause and read the slider.

7. Which function is responsible for the animation in the rotator? **1 / 1 point**

- ( ) animate()
- ( ) None, the animation is done via CSS
- (●) fadeIn()
- ( ) easeIn()

Correct
In the example, fadeIn() is used for the animation, although other animation functions could be used instead.

8. Which of these are true about the content rotator? (Select all that apply.) **1 / 1 point**

- [ ] Rotators take a large amount of code to execute.
- [x] The rotator relies on recursion to work.

Correct
This statement is true about features of the rotator.

- [ ] PThe rotator relies on several advanced features of jQuery.
- [x] The loop is designed to never end.

Correct
This statement is true about features of the rotator.

- [x] While the code is simple, the logic can be difficult to understand.

Correct
This statement is true about features of the rotator.