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## Module 3 Quiz

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1. Which jQuery property tells you how many images will be in the slider?

1 / 1 point

- ☐ numSlides
- ☒ length
- ☐ sumImages
- ☐ imageCount

✔ **Correct**

The length gives you the count of the items in the list.

2. Which of these are reasons to put the slider code in a function? (Select all that apply.)

1 / 1 point

- ☐ You don't need a function, and can just use the defer property instead.
- ☒ You need to be sure the images are loaded before you try to use them.

✔ **Correct**

This is a reason to use the function.

- ☒ It acts as a closure so you can add the "use strict" directive.

✔ **Correct**

This is a reason to use the function.

- ☐ You do not need a function, it's just considered best practice.

3. Why do you need an if statement on your "next" click handler?

1 / 1 point

- ☒ You need to reset the counter when you hit the last slide.
- ☐ You need to load new images when you reach the last slide.
- ☐ You need to reverse the order of the slides.
- ☐ You need to change the width of the slides on the last slide.

✔ **Correct**

Yes, the if statement ensures that clicking the "next" button on the last slide will not result in an error.

4. Which of the following is true of the logic to get the slides to loop? (Select all that apply.)

1 / 1 point

- ☒ The original list is removed when you go to the first slide in the cloned list.

✔ **Correct**

All of these are how we build the looped slider.

- ☒ A clone of the list is created when you reach the last slide.

✔ **Correct**

All of these are how we build the looped slider.

- ☐ The slides do not loop, but instead reverse order.
- ☒ Briefly, there are two copies of the list.

✔ **Correct**

All of these are how we build the looped slider.

All of these are how we build the looped slider.

5. Which jQuery method do you use to copy the list?

1 / 1 point

- ☐ duplicate()
- ☐ copy()
- ☒ clone()
- ☐ camino()

✓ Correct

The clone() method creates a duplicate of the list

6. Which jQuery technique do you use to remove the original list?

1 / 1 point

- ☐ An if statement
- ☐ A custom function
- ☐ A for loop
- ☒ A callback function

✓ Correct

Removing the list with a callback function makes sure it is deleted right after the old list animates out of view.

7. What is a key difference between the jQuery and JavaScript implementations of the slider?

1 / 1 point

- ☐ The basic logic is much more complex in the jQuery version.
- ☐ They are both identical.
- ☒ The jQuery one uses jQuery to animate, while the JavaScript slider uses CSS animation.
- ☐ The JavaScript implementation relies on less CSS than the jQuery version.

✓ Correct

Animation via CSS is much easier than it is in plain JavaScript.

8. What is the purpose of using an event listener on the window?

1 / 1 point

- ☐ It is merely a suggested best practice, but not required.
- ☐ It is needed so that the function running the slides has a name.
- ☐ It delays loading the images until the user clicks in the page.
- ☒ It makes sure that the pictures are loaded before anything happens.

✓ Correct

Without this, you may get errors when you run the page