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Let's review the R basics in tutorial Video 3 and Video 4. You can take this quiz as often as needed to master these basics.

(1/1 point)

What is a **vector**?

- ☒ A set of values of the same type. ✓
- ☐ A set of text and numerical values combined together.
- ☐ The result of a function on some numerical value of x.

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The **concatenate** function in R helps you create a vector. What does the concatenate function look like?

- ☒ c() ✓
- ☐ concat ()
- ☐ concatenate ()

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If you wanted to **assign** the even numbers between 1 and 10 to a **vector** called z, which code should you use?

- ☒ z <- c(2,4,6,8,10) ✓
- ☐ z -> c(2,4,6,8,10)
- ☐ z <- evens(1,10)
- ☐ concat(2,4,6,8,10) -> z

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You can **index** vector z. What does this mean?

- ☒ Specify a specific value or set of values within a vector. 
- ☐ Sort the values in a vector in a specific order.
- ☐ Display the values of a vector.

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What value would be returned by the following line of code:

z[3]

- ☒ 6 
- ☐ 3
- ☐ 18

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If you ran the following **logical statement**, what would be returned?**z != 10**

- ☒ TRUE TRUE TRUE TRUE FALSE ✓
- ☐ FALSE FALSE FALSE FALSE TRUE
- ☐ TRUE
- ☐ FALSE

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(1/1 point)

Which line of code would return the values **6, 8, 10**?

- ☒ `z[z>5]` ✓
- ☐ `z>5`
- ☐ `z==6,8,10`

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