✓ **Congratulations! You passed!**
TO PASS 80% or higher

[Keep Learning]

GRADE
100%

Test your knowledge on VLOOKUP

TOTAL POINTS 5

1. To change a text string in spreadsheet cell F8 to a numerical value, what is the correct function?

`1 / 1 point`

- ○ =NUM(F8)
- ● =VALUE(F8)
- ○ =CONVERT(F8)
- ○ =MATCH(F8)

✓ **Correct**
To change the text string in spreadsheet cell F8 to a numerical value, the correct syntax is =VALUE(F8). Within the parenthesis, the VALUE syntax must include a reference to the specific cell whose value the function should convert.

2. What is the purpose of an absolute reference within a function, such as "C3"?

`1 / 1 point`

- ○ To remove unnecessary instructions from a formula or function
- ○ To make formulas and functions unconditional
- ○ To represent missing values in a formula or function
- ● To lock rows and columns so they won't change when a function is copied

✓ **Correct**
The purpose of an absolute reference is to lock the reference to a row or column so values won't change when a function is copied.

3. In VLOOKUP, TRUE tells the function to search for exact matches, and FALSE tells the function to look for approximate matches.

`1 / 1 point`

- ○ True
- ● False

✓ **Correct**
In VLOOKUP, TRUE tells the function to search for approximate matches, and FALSE tells the function to look for exact matches.

4. The following is a selection from a spreadsheet:

`1 / 1 point`

	A	B	C
1	**Country**	**Population in 2020 (millions)**	**Growth in population 2000-2020**
2	China	1,439,323,776	13.4%
3	India	1,380,004,385	37.1%
4	United States	331,002,651	17.3%
5	Indonesia	273,523,615	27.7%
6	Pakistan	220,892,340	44.9%
7	Brazil	212,559,417	21.9%
8	Nigeria	206,139,589	66.3%
9	Bangladesh	164,689,383	27.9%
10	Russia	145,934,462	-0.8%

To search for the population of Nigeria, what is the correct VLOOKUP syntax?

- ● =VLOOKUP("Nigeria", A2:C10, 2, false)
- ○ =VLOOKUP(Nigeria, A2:C10, 3, false)
- ○ =VLOOKUP(Nigeria, A2,C10, 2, true)
- ○ =VLOOKUP(Nigeria, A2:C10, 3, true)

✓ **Correct**
To search for the population of Nigeria, the syntax is =VLOOKUP("Nigeria", A2:C10, 2, false). "Nigeria" is the

To search for the population of Nigeria, the syntax is =VLOOKUP("Nigeria", A2:C10, 2, false). "Nigeria" is the reference. A2:C10 is the table array. The 2 indicates the position of the column from which the value should be returned. And the word false instructs the function to return an exact match.

5. The following is a selection from a spreadsheet:

1/1 point

	A	B	C	D
1	**Location**	**Building**	**Height**	**Year completed**
2	Dubai	Burj Khalifa	2,717 feet	2010
3	Shanghai	Shanghai Tower	2,073 feet	2015
4	Mecca	Makkah Royal Clock Tower	1,972 feet	2012
5	Shenzhen	Ping An Finance Center	1,965 feet	2017
6	St. Petersburg	Lakhta Center	1,516 feet	2019
7	Chicago	Willis Tower	1,451 feet	1974

To search for the height of the building in Mecca, what is the correct VLOOKUP syntax?

- ⦿ =VLOOKUP("Mecca", A2:D7, 3, false)
- ◯ =VLOOKUP(Mecca, A2:D7, 2, true)
- ◯ =VLOOKUP(Mecca, A2,D7, 3, true)
- ◯ =VLOOKUP(Mecca, A2:D7, 2, false)

✓ **Correct**

To search for the height of the building in Mecca, the correct syntax is =VLOOKUP("Mecca", A2:D7, 3, false). "Mecca" is the reference. A2:D7 is the table array. The 3 indicates the number of the column from which the value should be returned. And the word false instructs the function to return an exact match.