## Congratulations! You passed!

**Grade received** 100% **To pass** 80% or higher

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**1.** Which of the statements below about the fourth argument, [range lookup] in the **VLOOKUP** syntax is correct? **1 / 1 point**

- (●) This argument is optional, however, it has to be set to FALSE if you want to do an exact match lookup.
- ( ) This argument is optional, however, it has to be set to FALSE if you want to do a range lookup.
- ( ) This argument is not optional and has to be set to FALSE to do a range lookup.

**Correct**
Yes, that's correct. The argument is optional - as indicated by the square brackets - but you need to tell the function whether you are looking for a range or exact match lookup.

**2.** Consider the following parameters: **1 / 1 point**

This is the value we know: Table column with the heading **Materials**

This is our data set: Table with the name **Classification**

This is the column with the target value in it: Fourth from the left in the data set.

Which of the functions below was written correctly to successfully complete an **exact match VLOOKUP**?

- [ ] =VLOOKUP([@Materials],"Classification",4,FALSE)
- [x] =VLOOKUP([@Materials],Classification,4,0)

**Correct**
Yes, that's correct. The lookup_value is showing as a structured reference as it is in a table. The table_array is presented by the name of the range, the third argument displays the col_index_num and finally, 0 is the same as FALSE and tells the function that we are looking for an exact match.

- [x] =VLOOKUP([@Materials],Classification,4,FALSE)

**Correct**
Yes, that's correct. The lookup_value is showing as a structured reference as it is in a table. The table_array is presented by the name of the range, the third argument displays the col_index_num and finally, FALSE tells the function that we are looking for an exact match.

- [ ] =VLOOKUP([@Materials],"Classification",4,0)

**3.** In order to set a **VLOOKUP** to do an exact match, you have to complete the fourth argument by adding: **1 / 1 point**

- [x] The number 0

**Correct**
Yes, that's correct. You can use the number 0 to indicate that you are looking for an exact match.

- [x] The word FALSE

**Correct**
Yes, that's correct. You can use the word FALSE to indicate that you are looking for an exact match.

- [ ] The number 1
- [ ] The word TRUE

**4.** When is it appropriate to use an exact match **VLOOKUP**? **1 / 1 point**

- ( ) When you are using a horizontal table and you want the lookup value to exactly match the first row.
- ( ) When the data is arranged in descending order and a range VLOOKUP is no longer appropriate.
- (●) When you are dealing with a lookup value with a unique identifier, such as bank account numbers, and you want to match to a vertical table.

**Correct**
Yes, this answer is correct. This is a good use case for VLOOKUPs.