

✔ **Congratulations! You passed!**

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

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1. What of these statements best describes what the **TRIM** function does to a text string?

1 / 1 point

- ☐ Removes all space characters within the specified text string.
- ☐ Replaces duplicated space characters with a single space character, but leaves the rest of the text unchanged.
- ☒ Removes all spaces from text except for single spaces between words.
- ☐ Removes any leading or trailing spaces from the start or end of a text string, but leaves spaces between words unchanged.

✔ **Correct**

Yes. The **TRIM** function will leave a single space between words that were previously separated by one or more spaces and will remove all other spaces from a text string.

2. When might we choose to use the **CLEAN** function on a text string?

1 / 1 point

- ☐ When we want to convert the text string into a number.
- ☐ When we want to replace part of a text string with a different text string.
- ☒ When we want to remove some non-printable characters from a text string.
- ☐ When we want to remove excess spaces from a text string.

✔ **Correct**

Yes. The **CLEAN** function removes some non-printable characters that may be in our source data but are typically of little use to us in the Excel environment.

3. In the video, we saw in cell **B2** the formula **=TRIM(CLEAN(Data!B2))** being typed and then copied down the column. What would have happened if instead the formula **=CLEAN(TRIM(Data!B2))** was typed and copied instead?

1 / 1 point

- ☐ An error would have occurred, because the **CLEAN** function cannot be applied to a text string that has already had the **TRIM** function act on it.
- ☐ An error would have occurred because the **CLEAN** function needs a direct cell reference as its argument, and cannot take the result of another function as its argument.
- ☐ The formula would calculate but the results would have been different, since a different set of characters would have been removed.
- ☒ There would have been no difference to the results. These two formulas would produce identical values in

column **B**.

✔ **Correct**

Yes. Since the **CLEAN** and **TRIM** functions each remove different characters from a text string and there is no overlap between the characters they act on, there is no difference to results based on the order the functions are applied in this case.