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Go to next item

1. Download and open the workbook:

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XLSX File

Your friend has entered the following formula in cell **C6** and wishes to copy it down. **=CHOOSE([@[Loc Code]],K6,K7,K8,K9,K10)**. Can you predict what will happen?

- ☐ This will work just fine.
- ☒ This will work fine for the first one but won't produce the desired outcome for the lower values in the table.
- ☐ This won't work. The friend made a mistake. The function should look like this: **=CHOOSE([@[Loc Code]],K6:K10)**

✔ **Correct**
Yes, that's correct. The items in the list needed to be absolute references.

2. In the video we mention that the **CHOOSE** function is not necessarily the best choice when we have a large lookup table. Can you think of why this is the case?

1 / 1 point

- ☐ The CHOOSE function is limited to only 10 items for the list specified.
- ☐ The CHOOSE function can handle 254 values for the list specified.
- ☒ It will take a long time to type out a long list since we can only separate the values by commas.

✔ **Correct**
Yes, that's right. The values in the CHOOSE function need to be listed individually, separated by a comma. This can take a long time to set up when you have lots of values.

3. Which of the options below is an accurate definition of the **CHOOSE** function?

1 / 1 point

- ☐ The CHOOSE function is pointed to an index and a list of values. CHOOSE then returns the value that corresponds to the position in that list. The first item in the list is counted as 0.
- ☒ The CHOOSE function is pointed to an index and a list of values. CHOOSE then returns the value that corresponds to the position in that list. The first item in the list is counted as 1.

✔ **Correct**
Yes, that's exactly right.

4. It is important to understand the syntax of the CHOOSE function. What is the first argument that the CHOOSE function is asking for?

1 / 1 point

- ☒ An index number - this is the numeric value that provides the position within the list.
- ☐ A logical test - this is to check whether the numeric value is where CHOOSE is meant to look for it.
- ☐ The location code - this is the number that CHOOSE is looking for first.

✔ **Correct**
Yes, that's right. The first argument is an index number.