B5

Custom functions

CHAPTER ASSIGNMENT

Name _____ Class _____ No. _____ Date _____

> Write your code in the space, then test it in the Apps Script editor. Mark where it went wrong if it did.

Questions from the Guru Jazzy chapter page, for classroom use.

Practice tasks

1. **=WITH_VAT(price)** (Easy). Add 7% VAT and round to 2 decimal places.

2. **=INITIALS(name)** (Easy). "Ploy Srisuk" → "P.S."

3. **=AGE(birthDate)** (Medium). Age in whole years. Careful: someone born later in the year hasn't had their birthday yet.

4. **=REVERSE_ROWS(range)** (Medium). Return the rows of a range in reverse order, so it spills as a table.

Chapter quiz

Q1 You wrote function TRIPLE(n). How do you use it in a cell?

A	B	C	D
TRIPLE(A1)	=TRIPLE(A1)	=script.TRIPLE(A1)	Run it from the editor

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Q2 What does a custom function receive when you pass B2:B10?

A	B	C	D
The text "B2:B10"	A Range object	A 2D array of the values	Only B2

Q3 Why does a custom function that calls MailApp.sendEmail show #ERROR!?

A	B	C	D
MailApp is slow	Custom functions cannot use services that need your permission	Email needs a trigger	The name is lowercase

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Q4 What does the @customfunction line in the comment do?

A	B	C	D
Nothing at all	Makes the function show in the formula autocomplete with its help text	Makes it run faster	Is required or the formula fails

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Q5 A custom function returns [[1, 2], [3, 4]]. What appears in the sheet?

A	B	C	D
The text "1,2,3,4"	A 2 × 2 block of numbers starting at that cell	#REF!	Only 1

Q6 Which name can NOT be used for a custom function?

A	B	C	D
THAI_GRADE	gradeMark	SALES_	COUNT_WORD

End of assignment · Check your answers against the chapter at gurujazzy.com/subjects/apps-script/b5-custom-functions/