

Advanced Skills (Using LOOKUP Tables)

1. Click on the 'Points' sheet and Create the following table.

The screenshot shows an Excel spreadsheet with a table titled "Points Table" in the range B3:C15. The table has two columns: "Position" and "Points". To the right of the table, there is a rectangular button labeled "MENU".

Position	Points
1st	15
2nd	12
3rd	10
4th	8
5th	7
6th	6
7th	5
8th	4
9th	3
10th	2
11th	1
12th	0

2. Highlight your table (including the headings)

3. Click on FORMULAS... DEFINE NAME ...

The screenshot shows the Excel ribbon with the 'Formulas' tab selected. The 'Define Name' option is highlighted. A 'New Name' dialog box is open, showing the name 'Position' and the reference '=Points!\$B\$3:\$C\$15'. The 'Points' sheet is active, and the table from the previous screenshot is visible.

New Name dialog box details:

- Name: Position
- Scope: Workbook
- Refers to: =Points!\$B\$3:\$C\$15

4. Name your table 'Points'

5. Click 'OK'

5. Click on 'Vs Match' sheet and copy out the following formula below

=VLOOKUP(C5,Points,2,0)



	Race 1			Race 2		
	Character	Pos.	Points	Character	Pos.	Points
3						
4						
5	Baby Mario	11th	=VLOOKUP(C5,Points,2,0)			5
6	Baby Peach	9th	3	Baby Peach	11th	1
7	Bowser	5th	7	Bowser	3rd	10
8	Daisy	8th	4	Daisy	8th	4
9	Donkey Kong	3rd	10	Donkey Kong	12th	0
10	Koopa	10th	2	Koopa	6th	6
11	Luigi	2nd	12	Luigi	1st	15
12	Mario	1st	15	Mario	2nd	12
13	Peach	12th	0	Peach	10th	2
14	Toad	6th	6	Toad	5th	7
15	Wario	4th	8	Wario	4th	8
16	Yoshi	7th	5	Yoshi	9th	3
17						

6. Use 'Autofill' to copy the formula to the other cells in the Points column.

7. Repeat this for all four races.