

Absolute Cell References Task Sheet 3

In this exercise you will enter data for an experiment involving scores on a speed test. Subjects were requested to complete a task in a given time period, and then given a score based on speed of completion.

Steps:

Start Excel and create the following spreadsheet starting in cell A2:

	A	B	C	D	E	F	G	H
1								
2	Subject	Trial 1	Trial 2	Trial 3	Trial 4	Total	Variance	CONSTANT
3								0.03
4	A	500	650	390	565			
5	B	50	567	890	802			
6	C	670	780	563	234			
7								

1. Click in the Total column (cell F4) for Subject A.
2. Using the =Sum formula in cell F4, add up the scores for Candidate A for Trials 1, 2, 3 and 4.
3. Repeat for Candidates B and C
4. You are now going to use an absolute cell reference to calculate Variance.
5. In the Variance cell for Subject A (cell G4), type an equal sign (=) to start your formula.
6. Click on the Total figure for Subject A in order to enter the cell value F4 into your formula.
7. Type an asterisk (*) so that you can multiply F4
8. Type H3 (The cell containing the constant value.)
- 9, Press Enter.
10. Grab the bottom right hand corner and drag the formula down to cells G5 and G6.

Note that the answers for Candidates B and C are incorrect. This is because you need to use an Absolute Cell Reference.

Adding the Absolute Cell Reference

11. Click in the Variance cell for Subject A (G4).
12. Type an equal sign (=) to start your formula
13. Click on the Total figure for Subject A in order to enter the cell value F4 into your formula.
14. Type an asterisk (*) so that you can multiply F4
15. Enter the absolute cell reference as: \$H\$3.
16. The dollar signs stop the formula from moving outside H3
17. Copy your formula down for Candidates B and C

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