Excel Formula Homework

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Which of the following is the basic formula format?
	1. =(*first cell:last cell)*
	2. =*function*(*first cell:last cell)*
	3. *=function(first cell, last cell)*
2. Match the punctuation with its performance in Excel formulas.

\* addition

= multiplication

/ subtraction

+ signals the beginning of a formula

- division

1. What is the function to find the AVERAGE of a range of numbers?
	1. =\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(B2:B5)
2. What is the function to find the MAXIMUM of a range of numbers?
	1. =\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(B2:B5)
3. What is the function to find the MINIMUM of a range of numbers?
	1. =\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(B2:B5)
4. What is the function to COUNT the number of values in a range of numbers?
	1. =\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(B2:B5)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **A** | **B** | **C** | **D** | **E** |
| **1** |  | Monday Total | Tuesday Total | Wednesday Total |  |
| **2** | Sarah | $35.55 | $38.23 | $27.42 | AVERAGE |
| **3** | Jessica | $27.92 | $26.50 | $41.32 | MAX  |
| **4** | Mindy | $33.35 | $52.61 | $45.03 | MIN |
| **5** | Katie | $42.34 | $44.89 | $39.02 | COUNT |
| **6** |  |  |  |  |  |

1. What would the formula look like to find Monday’s total, by NOT using a function?

(hint: I want to add B2, B3, B4, and B5 but not use the SUM function, try using punctuation instead)

1. What would the formula look like to find Tuesday’s total by using the SUM function?
2. What would the formula look like to find Wednesday’s total by using the SUM function?
3. What would the formula look like to find Sarah’s AVERAGE in cell E2?
4. What would the formula look like to find the MAXIMUM of Jessica’s totals in E3?
5. What would the formula look like to find the MINIMUM of Mindy’s totals in E4?
6. What would the formula look like to COUNT the number of Katie’s totals in E5?