

Session 5 Extension Activity: Different Formulas, Same Result

When you are summing together numbers, you can write the formulas different ways, and still get the same result. Try it!



1. Open the *bake sale* Excel workbook. Click on the *Sales Information* sheet tab.
2. Make a copy of your work:
 - a. From the File tab, select Save As.
 - b. Save the file as **formulas** in your student folder.
3. Use the plus sign + to create an addition formula:
 - a. In **A10**, type **Total Earned**.
TIP: Drag the graph downwards, if necessary.
 - b. In **B10**, type in the formula: **=B4+B5+B6+B7+B8**. Press ENTER.
 - c. What is the total earned?

\$444.25

4. Use the word SUM to create a formula that adds together a range of cells:
 - a. In **A11**, type **Total Earned**.
 - b. In **B11**, type in the formula: **=SUM(B4:B8)**. Press ENTER.
 - c. What is the total earned?

\$444.25

5. Use commas to separate cells in an addition formula:
 - a. In **A12**, type **Total Earned**.
 - b. In **B12**, type in the formula: **=SUM(B4, B5, B6, B7, B8)**. Press ENTER.
 - c. What is the total earned?

\$444.25

6. Use a comma in an addition formula to sum specific cells:
 - a. In **A13**, type **Sale 1 and 5**.
 - b. In **B13**, type in the formula: **=SUM(B4, B8)**. Press ENTER.
 - c. What happens?

The values in cell B4 and B8 are summed together.

7. Have fun with addition formulas:
 - a. In **A14**, type **Sale 1 and 5**.
 - b. In **B14**, type in the formula: **=B4+B8**. Press ENTER.
 - c. What happens?

The values in cell B4 and B8 are summed together.

8. Create your own formulas to calculate values on the Sales Information worksheet. Record them in the space below:

a. =

b. =

c. =

9. Save the workbook.
10. Exit Microsoft Excel.