



## Homework #21

- Open your Excel workbook **1040A\_Tax\_Form\_Rev\_1.xlsx** and save it as **1040A\_Tax\_Form\_Rev\_2.xlsx**.
- Make any corrections necessary, based on your grade sheet from Homework #19. Be sure to make corrections to this workbook, rather than a previous version, since we want the final workbook to be correct!
- Keep in mind: the grading sheet only checks certain line numbers (random checks). Go back and check the others that were not graded, especially if there were mistakes made on the ones that were graded. Make certain your formulas all refer to the correct column (data entry or formulas) so that each line is calculated correctly.
- Name a new worksheet (within your workbook) "Child Tax Credit" on the tab.
- Refer to pages 35-36, "Child Tax Credit Worksheet" in the 1040A instruction booklet to complete this worksheet.
- On the Child Tax Credit Worksheet (CTCW for short), create a title at the top of the sheet in the same format as the title of your 1040A page, which says, "Child Tax Credit Worksheet."
- Create a column of line numbers 1-10. Line 1 will have both a user data-entry cell and a formula cell. The others will all be formulas, so use the same formats that you used for your data entry & formulas columns on the 1040A worksheet.
- Use a reference to complete Line 2. (Remember to put your formulas in the formulas column.
- Complete Line 3 (if you can, use an IF(OR) function) referring to Lines 1-5 of your 1040A worksheet.
- Complete the formulas needed for Lines 4-10 as directed on the worksheet. You will probably need to refer to your class notes to complete the formula for Line 4.
  - ☞ Important: note that even though the instruction for Line 5 is a simple multiplication operation, you will still need to use an IF function, because if the answer to Line 4 is "NO" (in other words, if Line 4 is blank), then Line 5 must have a result of 0 (per instructions in Line 4).
  - ☞ Also note that when Line 6 refers to Line 1, it is the formula cell for Line 1, not the data-entry cell.
- In the cell next to the Line 10 formula cell, write a formula to test whether Line 6 is more than Line 9 (as the form asks). If it is, make the result say, "You may be able to take the additional child tax credit." If it is not, make the result blank.
- Now go back to your 1040A worksheet, and on Line 33, reference Line 10 of your CTCW (as instructed in the booklet).
- After you have completed the assignment, e-mail your homework (attach **1040A\_Tax\_Form\_Rev\_2.xlsx**) to: homework@wanvigs.net, no later than 10:00 am next Tuesday. Put "Homework #21" and your first name in the subject line.