Chapter 5

# Try It Yourself: Filter Multiple Conditions Simultaneously

## Excel Instructions

1. Open Products.csv in Excel.
2. How many products are sold in units of “24 - 12 oz bottles” at a price of $19?
   1. Select Columns E and F simultaneously by first selecting the “E” at the top of Column E. Then, hold down the 'Shift' key on your keyboard, and while holding it, click on the “F” at the top of “Column F”. This action will extend the selection to include both Column E and Column F. Verify the first row of Column E is labeled “Unit” and Column F is labeled "Price."
   2. From the Excel ribbon at the top of the window, go to the 'Data' → 'Filter'. This action will enable dropdown arrows on the headers of Columns E and F.
   3. Ensure no filters are set for other columns.
   4. Click the dropdown arrow in the "Unit" column header in Column E.
   5. Click ‘Text Filter’ then ‘Equals…’
   6. In the text box, type “24 - 12 oz bottles” (omit the quotation marks).
   7. Click 'OK' or press 'Enter'.
   8. Click the dropdown arrow in the "Price" column header in Column F.
   9. Click 'Number Filters' then ‘Equals…’
   10. In the text box, type “19” (omit the quotation marks).
   11. Click 'OK' or press 'Enter'.
   12. After applying the filters, you will see the observation(s).
3. How many products with units of “24 - 12 oz bottles” and a price of $14 are there?
   1. Click the dropdown arrow in the "Price" column header in Column F.
   2. Click 'Number Filters' then ‘Equals…’
   3. In the text box, type “14” (omit the quotation marks)
   4. Click 'OK' or press 'Enter'.
   5. After applying the filters, you will see the observation(s).
4. How many products with units of “24 - 12 oz bottles” and a price of $10 or more are there?
   1. Click the dropdown arrow in the "Price" column header in Column F.
   2. Click 'Number Filters' then ‘Greater Than or Equal To…’
   3. In the text box, type “10” (omit the quotation marks)
   4. Click 'OK' or press 'Enter'.
   5. After applying the filters, you will see the observation(s).