**MS Q:**

Input: MissRiverQ!A2

Dependencies: only the input above  
  
calculations:

1. Convert ft3/s to gal/s (MissRiverQ!B2)
2. Convert gal/s to gal/day (MissRiverQ!B3)
3. Convert gal/day to bgal/day ((MissRiverQ!B4)

**Differences:**

Input: USGS\_national\_WU\_data!B2:G10

Dependencies: only the input above  
  
calculations:

1. Subtract t-1 from t. eg. 1990-1985…etc (Calculations!B3:F11)

**Percentages:**

Input: Differences, & MS Q

Dependencies: USGS\_national\_WU\_data!B2:G10, MissRiverQ!A2

calculations:

1. Divide Differences by MS Q (Calculations!B15:F23)

General rules:

* The most important thing is keeping track of the sequence of operations. The script can be divided into sections, but each section needs to begin with the raw input and interior calculations and move down from there.
* Be very clear about what is a raw input (something that will be loaded by the user). Also be sure to explain the format of the input, including things like units.
* Try to group the raw inputs together on each tab (its ok if there are inputs on different tabs).
* Be clear about intermediate steps, and indicate whether or not you require that they remain in the final script. It may be worthwhile to color intermediate calculations a different color.
* If the output of one calculation is an input to another, please indicate that in some consistent way.
* Be explicit about the final output, and provide some criteria to determine when the translation is “complete enough”