MIXED DRINKS

Four friends (including Mary) were at the company picnic. Each friend had a different drink (one was water), with a different mix added (one had lemon). From the clues provided can you figure out which friend had which drink and what was added to his/her drink?

CLUES

- Wilma did not drink water mixed with her lemon.
- Only the men drank soda or water.
- Mary was not the one who had water & lime.
- David did not mix his drink with lime.
- The woman who had strawberry did not have tea.

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MIXED DRINKS-SOLUTION

Adam-Water-Lime.
David-Soda-Vanilla.
Mary-Juice-Strawberry.
Wilma-Tea-Lemon.

step-by-step

• Let's look at the first clue "**Wilma did not drink water mixed with her lemon.**"
  Find grid square [Wilma-lemon] and click until it is 'green'. We also have the following elimination squares [Wilma-water, Wilma-Lime, Wilma-s.berry, Wilma-Vanilla] as well as [Adam-Lemon, David-Lemon, Mary-Lemon, Lemon-Water] so add 'red xx' to all squares now.

• "**Only the men drank soda or water.**"
  Both men (Adam, David) either had soda or water, therefore select these grid squares for elimination: [Adam-Tea, Adam-Juice, David-Tea, David-Juice, Lemon-Water] and for the women (Mary, Wilma) eliminate [Mary-Soda, Mary-Water, Wilma-Soda].

• "**Mary was not the one who had water & lime.**"
  Let's eliminate [Mary-Lime] straight away. We are also given a drink-mix combo, so locate [Lime-Water] and click the square until a 'green box' appears there, (which leads to further eliminations) [Lime-Soda, Lime-Tea, Lime-Juice] as well as [S.berry-Water, Vanilla-Water].

• "**David did not mix his drink with lime.**"
  If this is true, then David did not drink the water, either. Let's eliminate [David-Lime, David-Water] to begin with. Furthermore, if he did not drink water (well then he must have had Soda) . Find and highlight 'green'[David-Soda], which eliminates [Adam-Soda], which means Adam drank water & Lime,
• so select Adam-Water and Adam-Lime, which in turn, eliminates [**Adam-S.berry, Adam-Vanilla**].

• **"The woman who had strawberry did not have tea. "**
  Since David is not a woman, lets eliminate [**David-Strawberry**] which leads to the following logical conclusions:
  David had Vanilla, and Mary was the woman who had strawberry.
  Furthermore Mary did not have tea(since she had the strawberry), thus she could have only had the Juice.
  To conclude (if Mary had the juice), then **'Wilma must have had the Tea(with Lemon)'**, and **'Mary had the juice mixed with strawberry'**, while **'David had the Soda mixed with Vanilla'**.

• Congratulations! Puzzle solved. To summarize:

  Adam had the **Water** mixed with **Lime**.
  David had the **Soda** mixed with **Vanilla**.
  Mary had the **Juice** mixed with **Strawberry**.
  Wilma had the **Tea** mixed with **Lemon**.