



## How To Combine a Pick One and a Pick Any Question

### Problem

You have one of these problems:

- **Problem A:** You have asked a **Pick One** question (e.g., Which brand of cola first comes to mind?), followed by a **Pick Any** question (e.g., Which other brands cola can you think of?) and you wish to combine the answers from the two questions into a **Pick Any** question.
- **Problem B:** You have asked a **Pick Any** question (e.g., Which colas have you bought in the past week), followed by a filtered **Pick One** question (e.g., FOR PEOPLE WITH 2 OR MORE COLAS: Which of these do you buy most often?) and you wish to combine the answers from the two questions into a **Pick One** question.

### Steps to solve Problem A

1. In the **Variables and Questions** tab, select the **Pick One** question.
2. Right-click and select **Insert Variable(s) | JavaScript Formula | Text**.
3. Enter an **Expression** of `Q.Label(variable)` where `variable` is the name of the **Pick One** variable. This will create a variable containing the labels of `variable`.
4. Replace the **Name** and **Label** fields and press **OK**.
5. Right-click on the newly created variable and select **Insert Variable(s) | Code Text | New Code Frame...**
6. Select **Pick Any (Each response can be classified under multiple codes)** and press **OK**.
7. The **Text JavaScript variable** dialog box will appear. Select the **Pick Any** question in the **Back code with** drop-down at the bottom of the screen.
8. Code each of the categories (make the appropriate selection and press **Complete**).
9. Press **OK**.

### Steps to solve Problem B

1. In the **Variables and Questions** tab, select the **Pick One** question.
2. Right-click and select **Copy and Paste Variable(s)** and **Linked**. This creates a copy that includes all of the value labels and that can be edited (an exact copy cannot be edited).
3. Right-click on the newly copied variable and select **Edit Variable...**
4. In the *Expression* panel, replace any code with the following expression:

```
var a = new Array;
if (var1 == 1) a.push(1);
if (var2 == 1) a.push(2);
...
if (varn == 1) a.push(n);
if (a.length == 1) a[0];
else Pick_One_question_variable;
```

5. Modify this expression as follows:

- a. Replace `var1` with the first variable of the **Pick Any** question.
- b. Repeat this process for each of the `n` variables in the question.
- c. In the final row, replace `Pick_One_question_variable` with the name of the **Pick One** question's variable.

6. Update the **Name** and **Label** fields and press **OK**.

Note that for each respondent we are creating an array (i.e., a list) called `a`. This is done in the first `n+1` lines of the code in Step 4. For a given respondent, if the array contains 1 element then that respondent gave only one response to the **Pick Any** question. In this case the newly created variable selects this response (this is the second last line of the code). Otherwise the newly created variable selects the response to the **Pick One** question (this is the last line of the code).

Please note that this code will only work if the numbers being added to the array (e.g., `a.push(3)`) are consistent with the codeframe of the **Pick One** question. For example, if the codeframe of the **Pick One** question has a 200 representing the second variable of the **Pick Any** question, then 200 must be added to the array (`a.push(200)`) whenever this response is selected in the **Pick Any** question, rather than 2 as coded above. That is, the line:

```
if (var2 == 1) a.push(2);
```

must be replaced by:

```
if (var2 == 1) a.push(200);
```

### What to do if the problem is not solved

If these instructions are insufficient, please email us (**Help | Email Support...**) with a detailed description of what in the instructions is not working for you and we will either provide you with more comprehensive instructions, or, upon your request, we can do the analysis for you in your file (fees apply).