**Introduction Tutorial Questionnaire – Skip Logic**

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| Single Choice Questions |

A1. Do you like colors?    
Yes, No   
**[Single select]**

A1A. What color is a ripe tangerine?  
Black, Blue, Green, Orange, Purple, Red, Violet, Yellow

**[Single select; split in 2 columns]**  
A1B. What color is a ripe banana?   
Black, Blue, Green, Orange, Purple, Red, Violet, Yellow  
**[Single select drop down menu]**

A1C. What color is a ripe strawberry?  
Black, Blue, Green, Orange, Purple, Red, Violet, Yellow  
**[Single select with horizontal scale]**

**[Terminate if two or more: A1A is not 4 (orange) / A1B is not 8 (yellow) / A1C is not 6 (red)]**

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| Multiple Choice Questions |

**[Skip A2 if option 2 (no) is selected at A1]**A2. Of these, what colors do you like? **[Select all that apply]**Black, Blue, Green, Orange, Purple, Red, Violet, Yellow  
**[Allow multiple selection]** 

**[Skip A2A if options 3 (green), 6 (red), 8 (yellow) are NOT selected at A2]**A2A. What 3 colors are most common for apples? **[Select exactly 3]**Black, Blue, Green, Orange, Purple, Red, Violet, Yellow  
**[Multi-select, shown in 4 columns]**

A2B. What colors are grapes?  **[Select all that apply]**Black, Blue, Green, Orange, Purple, Red, Violet, Yellow **NEW:** Other (specify)  
**[Multi-select, with 'other specify' option]**

**[Terminate if option 3 (green) or 6 (red) are not selected at A2B]**

A2C. What colors are in a rainbow? **[Select all that apply]**Black, Blue, Green, Orange, Purple, Red, Violet, Yellow **NEW:** None  
**[Multi-select, with exclusive 'none' option]  
[Terminate if option 99 (none) is selected at A2C]**

**[Skip A2D if option only 1 option selected at A2]**A2D. Are any rooms in your home painted in these colors you like? **[Select all that apply]**Black, Blue, Green, Orange, Purple, Red, Violet, Yellow **NEW:** None **[Multi-select, exclusive 'none' option; Show options checked at QA2]**

A2E. Are any rooms in your home painted any of these colors? **[Select all that apply]**Black, Blue, Green, Orange, Purple, Red, Violet, Yellow**NEW:** None **[Multi-select, exclusive 'none' option; Show options not checked at QA2D]**

**[Skip A2F if option 99 (none) is selected at A2D AND option 99 (none) is selected at A2E]**A2F.  What color decor accents do you prefer? **[Hold ctrl, scroll or click to pick up to 4]**  
Black, Blue, Green, Orange, Purple, Red, Violet, Yellow **NEW:** White, Brown, Grey  **[Multi-select, with new local options. Only allow up to 4 colors]**

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| Text Entry Questions |

A3. What color is your hair?  
**[PROVIDE TEXT BOX]**Enter natural color  
**[Terminate if 'green' entered at A3]**

A3A. What is the most common color you dye your hair?   
**[Enter color or select 'I do not dye my hair']**Preferred hair dye color:\_\_\_\_\_\_ / I do not dye my hair **[EXCLUSIVE]**

A3B. How many times a day do you wash your hair?**[Enter a number 0 to 5]**   
**[FORCE NUMBER]**\_\_ time(s) per day

**[Ask follow up questions A3C-A3G if 1 or more entered at A3B]**A3C. For classification, what is your zip code?  
**[ZIP FORMAT]**Zip code: \_\_\_\_\_

A3D. Where can we email our hair care instructions?  
**[EMAIL FORMAT] [Enter your email]**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

A3E. Best number to reach you?  
**[PHONE FORMAT]**Phone number...

A3F. What is/was the date of your appointment?  
**[DATE FORMAT] [Enter or select date]**\_\_\_\_\_\_\_\_\_\_

A3G. Please explain how you wash your hair in full detail.   
**[Please type in a response]**

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| Table Rows |

B1A. How common or rare is each shape?  
**Options:** 1=Common to 10=Rare  
**[One per row]**Circle, Square, Triangle, Rectangle, Trapezoid  
**[Terminate if selected option 10 (rare) for each shape at table B1A]**

B1B. How many of each shape do you typically encounter per day?   
**Options:** None, 1 - 5, More than 5  
**[One per row]**Circle, Square, Triangle, Rectangle, Trapezoid

B1C. Do you talk about shapes in any of these places?   
**Options:**At work, At home, In nature, The city   
**[All per row]**Circle, Square, Triangle, Rectangle, Trapezoid  
**[Include opt-out option]** I don't discuss them

**[Skip B1D if None for all shapes at B1B]**B1D.  Do you see shapes in any of these places?  
**Options:** At work, At home, In nature, The city **NEW:** I don't **[All per row]**Circle, Square, Triangle, Rectangle, Trapezoid

B2. Indicate your preference for each pair of statements.  
**[Select the level that closest fits you]**  
Option scale: < Fits Me, Equal, Fits Me >  
**[RANDOMIZE ROWS]**

Large shapes / Small shapes  
Solid shapes / Shape outlines  
3D shapes / 2D shapes  
Curved shapes / Angled shapes  
Irregular shapes / Semitic shapes

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| Table Columns |

B3A. Which attributes do you associate with each shape?  
**[Check all that apply for each shape]  
Across:**Circle, Square, Triangle, Rectangle, Trapezoid  
**Down:**Useful tool, Pleasing lines, External boundaries, None of these

B3B. Select two features that most describe each shape.  
**[Check two for each shape]  
Across:**Circle, Square, Triangle, Rectangle, Trapezoid  
**Down:**Shapely, Geometric, Uniform, Precise, Symbolic

B4. Enter your preferences for each shape you use.   
**[Select yes/no to indicate use]   
[ASK COLOR AND SIZE FOR EACH SHAPE WITH YES]   
Color:** Black, Blue, Green, Orange, Purple, Red, Violet, Yellow  
**Size: [numeric entry in inches]**

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| Table Features |

B5A. Select the properties that you like about each shape.  
**Options:** Angle(s), Point(s), Line(s), Curve(s)   
Circle, Square, Triangle, Rectangle, Trapezoid **NEW:** Ellipse, Crescent, Star, Heart **[ONLY ALLOW RELEVANT PROPERTIES FOR THE SHAPES:**NO angles/points with circles/ellipses; curves ONLY with circles/ellipses/crescents/hearts**]**

B5B. Do you know the formula to calculate the area of each shape?  
**Options:** Yes, No, N/A  
Circle, Square, Triangle, Rectangle, Trapezoid**NEW:** Ellipse, Crescent, Star, Heart   
**[INCLUDE OTHER SPECIFY]**

B5C. What percent of space would you use for each shape? **[Must total 100%]  
[SHOW TOTALING ROW]**Circle, Square, Triangle, Rectangle, Trapezoid

B5D. What shapes come to mind? **[CAPTURE RESPONSE; ALLOW UP TO 10 SHAPES]**