Suppose I gave everyone in this class a survey with the following questions:

1. What is your height?
2. What is your weight?
3. What is your favorite color?
4. Pick an integer between 1 and 10.
5. How many siblings do you have?
6. What is your favorite music genre?
7. What is your gender?
8. How old are you?

Consider the data that you would collect from each question.

Activity: Group the variables “height”, “weight”, “color”, “integer”, “number of siblings”, “music genre”, “gender”, and “age” into categories as you see fit.

Question: What is your justification for the division between categories?

**Height Weight Favorite Color # of Siblings Age**

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**Height Weight Favorite Color # of Siblings Age**

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**Height Weight Favorite Color # of Siblings Age**

**Height Weight Favorite Color # of Siblings Age**

**Height Weight Favorite Color # of Siblings Age**

**Height Weight Favorite Color # of Siblings Age**

**Height Weight Favorite Color # of Siblings Age**

**Height Weight Favorite Color # of Siblings Age**

**Integer from 1-10 Gender Favorite Music Genre**

**Integer from 1-10 Gender Favorite Music Genre**

**Integer from 1-10 Gender Favorite Music Genre**

**Integer from 1-10 Gender Favorite Music Genre**

**Integer from 1-10 Gender Favorite Music Genre**

**Integer from 1-10 Gender Favorite Music Genre**

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