Pre-Quiz/Post-Quiz: Variables and Levels of Measurement

In this activity, you will:
- Categorize variables as nominal, ordinal, or numerical.
- Identify independent and dependent variables.

Directions: **The following variables are from the General Social Survey (GSS). With a partner, determine whether each variable is nominal, ordinal, or numerical.**

Variable	Pre-Quiz	Post-Quiz
OCC, from the question "What kind of work do you do?" Possible answers are occupation categories (e.g., "doctor," "retail associate").		
AGEWED, from the question "How old were you when you first married?" Answers range from 12 to 90.		
CHILDS, from the question "How many children have you ever had?" Answers range from 0 to 8+.		
DEGREE, which measures how much school a respondent has completed. Answer categories range from "less than high school" to "graduate degree."		
INCOM16, from the question "Would you say your family income when you were 16 years old was far below average, below average, average, above average, or far above average?"		
BABIES, from the question "How many of the members of your household are under 6 years old?"		
BORN, from the question "Were you born in this country?" Answer categories are "yes" and "no."		
PRES92, from the question "Did you vote for Clinton, Bush, or Perot in the 1992 election?"		
NATFARE, from the question "As a country, are we spending too much, too little, or about the right amount on welfare?"		
Come up with one of your own:		

Directions: With a partner, read the following scenarios and identify the independent variable (IV) and dependent variable (DV). *There may be more than one IV/DV for each scenario.*

Scenario	Pre-Quiz	Post-Quiz
How does being uninsured impact length of stay in the hospital?	IV: DV:	IV: DV:
How does age affect income?	IV: DV:	IV: DV:
You wonder whether people who fall below the poverty line are more likely to support welfare programs than those who are not poor.	IV: DV:	IV: DV:
You read that students in big classes (with lots of other students) perform worse than students in small classes.	IV: DV:	IV: DV:
You read that millennials are "the most anxious generation in history."	IV: DV:	IV: DV:
You tell your children that getting a college degree will allow them to have more stable employment and a better quality of life.	IV: DV:	IV: DV:
You wonder how many women and people of color experience discrimination in the workplace.	IV: DV:	IV: DV:
Come up with one of your own:	IV: DV:	IV: DV: