3. a. Experiment (explanatory variable (preschool) was manipulated by researchers.

b. Quality preschool (yes or no) categorical.

c. Graduated from 4-year college (yes/no)

d. No blinding This can introduce a placebo effect (probably not.)

   This can cause confounding.

   e. Confounding variable no placebo—maybe students went to college because they "thought" they were smart (not because they were actually smarter).

   Not a very important issue but we're not actually sure what the preschool is doing because of confounding.

f. The group w/o preschool.
g. The group w/ preschool.

h. Yes a cause/effect conclusion is appropriate since groups were created through random assignment.