**CHAPTER 2: LEVELS OF MEASUREMENT AND AGGREGATION**

**SOLUTIONS**

1. a. variable b. variable c. constant
2. IQ is the independent variable and delinquency is the dependent variable.
3. Age is the independent variable and delinquency is the dependent variable.
4. a. ratio/interval b. ordinal c. nominal d. ratio/interval e. ordinal f. ratio/interval g. nominal
5. Boston 3.63

Columbus 9.89

Montgomery 23.52

L.A. 2.34

Chicago 2.12

NY 2.44

1. Montgomery, AL is the most likely and Chicago is the least likely for becoming the victim of a hate crime.

State # of executions p %

Alabama 6 .06 6%

Virginia 13 .13 13%

Texas 52 .50 50%

Maryland 1 .01 1%

Louisiana 8 .08 8%

Oklahoma 24 .23 23%

Total 104

Note: proportions do not sum to 1 and percentages do not sum to 100% due to rounding.

1. 50%
2. .13
3. 24