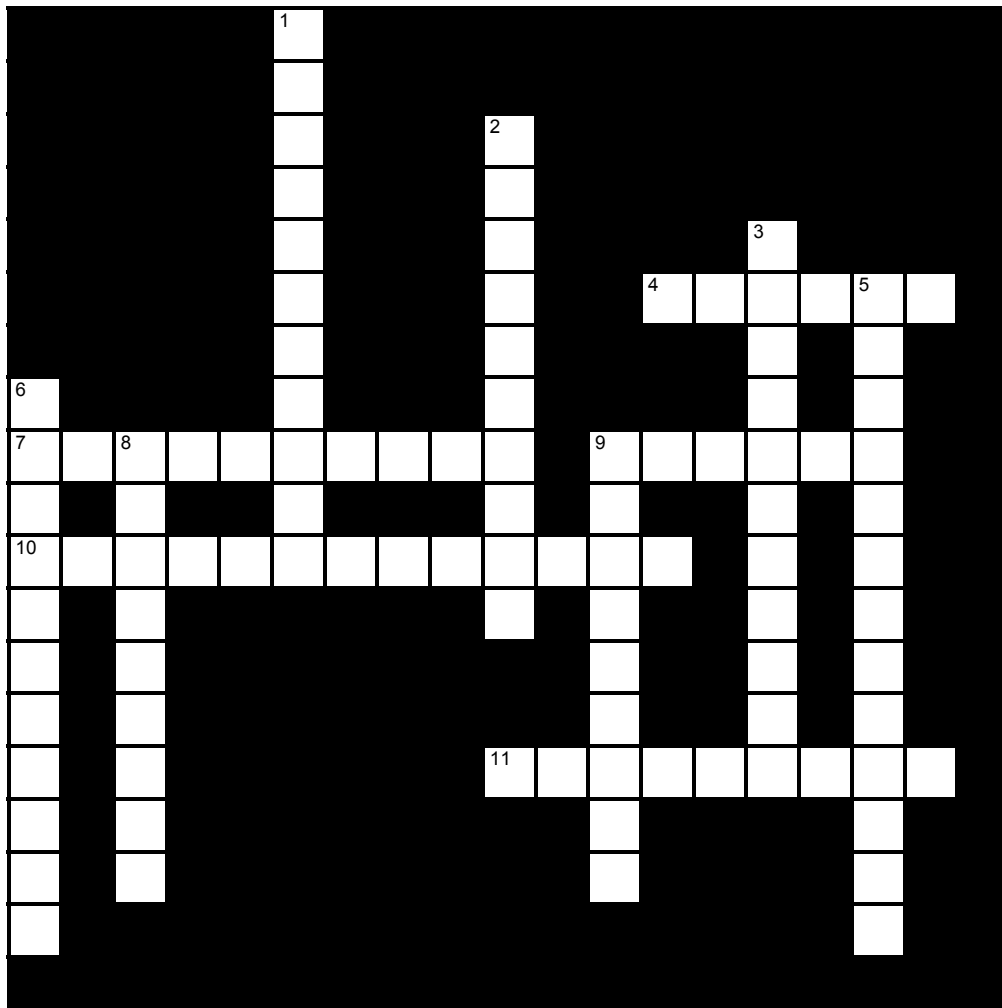


Statistics and the Scientific Method



Across

- 4 A type of sampling in which each individual has an equal chance of being selected. (6)
- 7 A true _____ allows the exploration of causation. (10)
- 9 A subset of the population from which data are obtained. (6)
- 10 Type of research aimed at

determining whether a relationship exists between variables. (13)

- 11 A sudden insight or instinctive knowing. (9)

Down

- 1 Type of statistics used to infer information about populations based on sample data. (11)
- 2 Complete set of

individuals, scores, etc., the investigator is interested in studying. (10)

- 3 The type of variable manipulated by the researcher in an experiment. (11)
- 5 Types of studies in which variables are not actively manipulated by the researcher(s). (13)

6 Type of statistics concerned with characterizing data. (11)

- 8 Number calculated on a characteristic of population data. (9)
- 9 Number calculated on a characteristic of sample data. (9)