

8. What is measured, observed, and recorded in a scientific investigation?
  - a. Control Variable
  - b. Dependent Variable
  - c. Data
9. Which example describes a Control Variable?
  - a. All the same pandas ate the same number of bamboo leaves.
  - b. 3 pandas ate 5 bamboo leaves and 2 pigs ate 5 apples
  - c. The panda's height is 5 feet
10. Which example describes an Independent Variable?
  - a. The ball was dropped at 10 feet and 5 feet
  - b. The weight of the pigs were all the same
  - c. The temperature of the air was measured
11. Which example describes a Dependent Variable?
  - a. All the lizards were given the same amount of crickets to eat
  - b. The number of jumps was measured
  - c. Black ink was dropped in one cup of water and blue in another
12. Which type of data is collected by numerical measurements?
  - a. Inferences
  - b. Qualitative Data
  - c. Quantitative Data
13. Which type of data is collected by observation and using the 5 senses?
  - a. Hypothesis
  - b. Qualitative Data
  - c. Quantitative Data
14. Which is an example of qualitative data?
  - a. The flower has 5 petals
  - b. The plant sits in 10 cups of soil
  - c. The mixture smelled rotten
15. Which is an example of qualitative data?
  - a. The goop was cold and slimy
  - b. The rocket shot 3 meters in the air
  - c. The water boiled in 3 minutes
16. Which is an example of quantitative data?
  - a. The bread recipe requires 5 cups of flour
  - b. The liquid is purple in color
  - c. The product smells rotten