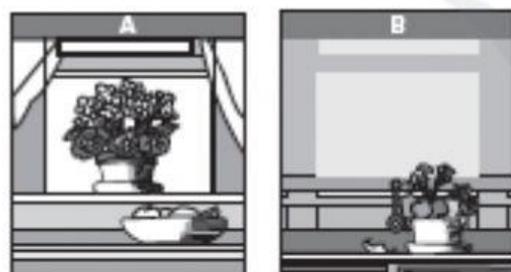


6. Why would scientists want to calculate the range of a set of data?

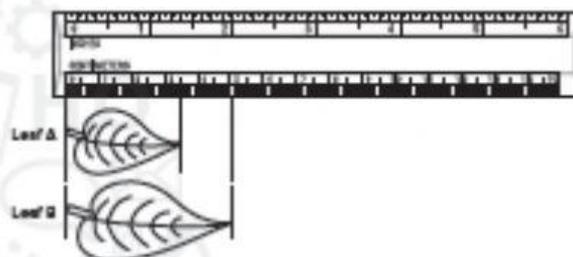
- A to identify the middle number in the data set
- B to understand the amount of variation in the data set
- C to make sure the procedures were followed correctly
- D to identify the lowest number in the data set

7. Which was the independent variable in the experiment below?



- A type of plant
 - B health of plant
 - C amount of sunlight
 - D number of flowers
8. Which tool would a scientist use to find the volume of a small amount of water?
- A graduated cylinder
 - B thermometer
 - C balance
 - D computer

9. What is the length of Leaf B in metric system units?



- A 2 inches
 - B 2 centimeters
 - C 5 centimeters
 - D 2.5 centimeters
10. Which is an important safety rule to follow while conducting a scientific investigation?
- A Ask questions only after you have finished completing the investigation.
 - B Read only the last step in an investigation.
 - C Avoid washing your hands after an investigation.
 - D Wear safety goggles and protective clothing when working with chemicals.