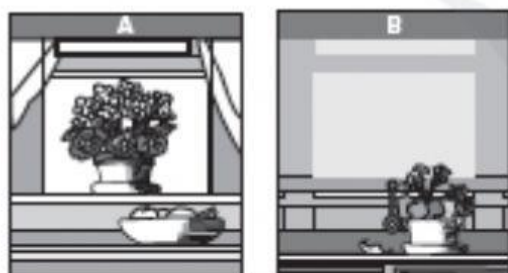


6. Why would scientists want to calculate the range of a set of data?

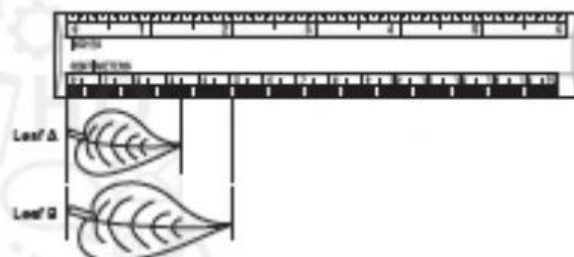
A to identify the middle number in the data set
B to understand the amount of variation in the data set
C to make sure the procedures were followed correctly
D to identify the lowest number in the data set

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.