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

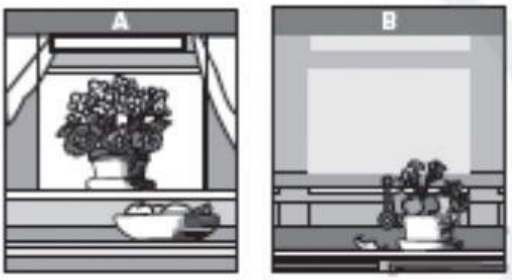
A to identify the middle number in the data set

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?

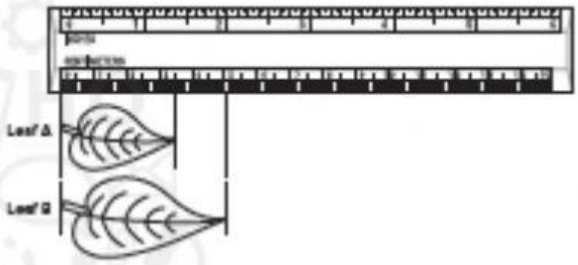
A graduated cylinder

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.

Mohammed Bin Rashid Smart Learning Program