

Name _____

Date _____

Class _____

Each sentence below describes a step of the scientific method. Match each sentence with a step of the scientific method listed below.

A. Recognize a problem

B. Form a hypothesis

C. Test the hypothesis with an experiment

D. Draw conclusions

- _____ 1. Stephen predicted that seeds would start to grow faster if an electric current traveled through the soil in which they were planted.
- _____ 2. Susan said, "If I fertilize my geranium plants, they will blossom."
- _____ 3. Jonathan's data showed that household cockroaches moved away from raw cucumber slices.
- _____ 4. Rene grew bacteria from the mouth on special plates in the laboratory. She placed drops of different mouthwashes on bacteria on each plate.
- _____ 5. Kathy used a survey to determine how many of her classmates were left-handed and how many were right-handed.
- _____ 6. Jose saw bats catching insects after dark. He asked, "How do bats find the insects in the dark?"
- _____ 7. Justin wondered if dyes could be taken out of plant leaves, flowers, and stems.
- _____ 8. Alice soaked six different kinds of seeds in water for 24 hours. Then she planted the seeds in soil at a depth of 1 cm. She used the same amount of water, light, and heat for each kind of seed.
- _____ 9. Bob read about growing plants in water. He wanted to know how plants could grow without soil.