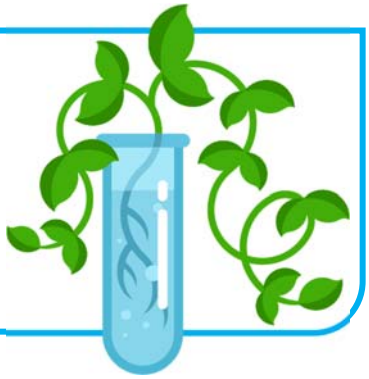
Name _____

Lab Logic



Directions: Read the mixed-up procedure on an experiment testing how light affects plant growth. Put the steps in the correct order by numbering them 1-5. Then explain **why the order matters**.

_____A. The height of both plants is measured and recorded after ten days.

_____B. Two identical seedlings are planted in separate pots with the same soil and water.

_____C. One plant is placed in full sunlight while the other is placed in a dark closet.

_____D. The experiment question is written: How does light affect plant growth?

_____E. Both plants are watered the same amount every day.

Why Order Matters: Answer in complete sentences.

1. Why must the **question** come before the planting step?

   _____

   _____

2. Why must the **environment placement** happen before measuring the plants?

   _____

   _____

3. What would go wrong if the **measurement step** happened earlier?

   _____

Order Breakdown: Choose one step and explain what would happen if it were skipped entirely.

_____

_____