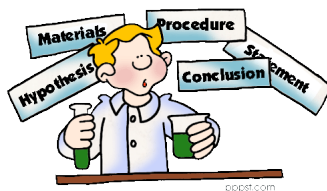


Name _____



Science Experiment:

Sinkers (#127)
Cycle 1, Week 15

Purpose: To demonstrate how _____ deposits form.

Hypothesis: _____

Materials: quart glass jar with lid 1 cup soil
tap water 5 paper clips

Procedure:

- Fill the jar $\frac{1}{2}$ full with water.
- Add the soil and paper clips.
- Close the lid and shake jar vigorously.
- Allow the jar to stand undisturbed for 5 minutes.

Draw/Write **Observations** in the box.

Results:

The paper clips fall _____ to the bottom of the jar, and the slower-moving soil settles on _____ of the clips.

Why:

Most of the soil falls more _____ than the heavier paper clips, and thus a layer of soil forms on _____ of the paper clips. In nature, rain beats on _____ of the soil, shaking and softening it. The heavier materials in this wet mixture sink lower and lower as the years pass. Heavy grains of metal continue to sink until they reach a hard rock layer. Particles of metal that combine in this method are called _____ deposits.