**Vocabulary Words:**

**Pinhole:** A small hole. In the context of transmission XAS, a pinhole is a small gap in your sample through which the incident x-ray beam “leaks through”.

**Homogeneous:** A uniform distribution of parts or elements. A sufficiently homogeneous sample is well mixed, with no large grains.

**Exercise:**  There are many possible steps and methods for preparing samples in any XAS measurement. Match the tools and techniques used for sample prep to their correct descriptions.

