

1. Is the mercury in the petri dish a solid, a liquid or a gas? _____
2. What is the color of **mercury**? _____
3. When small pieces of mercury are **pushed together** what happens?
4. Define **cohesion** -
5. Why was mercury used to demonstrate cohesion?
6. Define **adhesion** -
7. What **clear substance** was used to demonstrate adhesion? _____
8. What is a **meniscus**?
9. Complete the drawing below of a graduated cylinder containing a liquid having a **concave** meniscus. **Label your drawing.**
10. Complete the drawing below of a graduated cylinder containing a liquid having a **convex** meniscus. **Label your drawing.**

