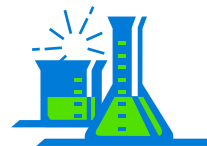


Answer Key

Lab Equipment Quiz



Which is larger?

1. **5 kilograms** or 5 grams of salt
2. 30 milligrams or **30 grams** of sugar
3. **25 liters** or 25 milliliters

Match the pieces of equipment to the descriptions:

- | | |
|---|-----------------------|
| 4. Used to measure volume of a liquid __F__ | A. Thermometer |
| 5. Measures mass __D__ | B. Microscope |
| 6. Measures temperature __A__ | C. Meniscus |
| 7. Can be used to grow bacteria __G__ | D. Balance |
| 8. Used to see tiny things __B__ | E. Tare |
| 9. The curve of found at the top of a liquid __C__ | F. Graduated cylinder |
| | G. Petri dish |

10. Describe the steps to measure the volume of an irregular object.

Water Displacement

1. Measure volume of water in a graduated cylinder
2. Add irregular object to graduated cylinder
3. Measure volume of water and irregular object in graduated cylinder
4. Subtract volume in step 3 from volume in step 1 to get volume of irregular object

11. How do you read the measurements on a triple-beam balance?

Balance must be at 0. Add object. Adjust weighted drag slides on beams, starting with 100-gram beam, then 10-gram beam, and finally 1-gram beam, making sure the highest weight value is used from each beam without surpassing the object's weight until balance is once again centered at 0. Add weight measured on all three beams to obtain the object's total mass.