
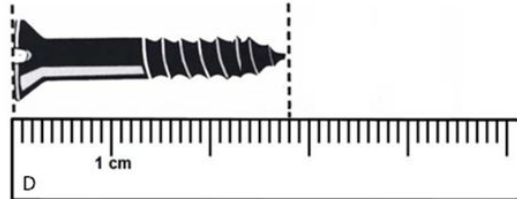
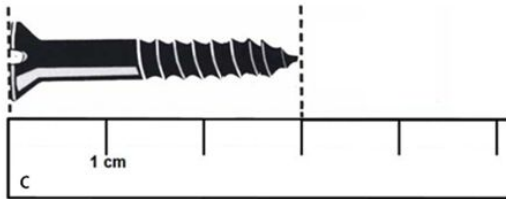
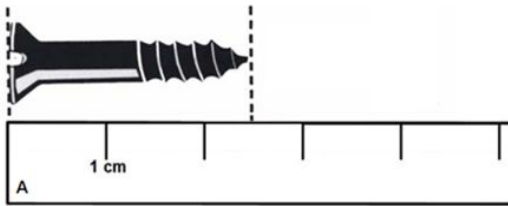


<h1>W</h1>	<b>104 Performing Measurements</b>	
	<b>OBJECTIVES</b> 1. Perform length measurements to the correct precision. 2. Perform volume measurements to the correct precision. 3. Perform mass measurements to the correct precision. 4. Perform temperature measurements to the correct precision.	

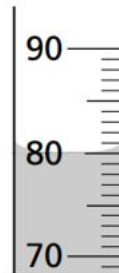
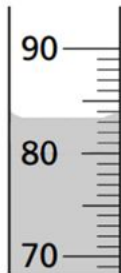
### 104.1 Measuring Length

1. Record the lengths of the screws below using the ruler it is paired with.

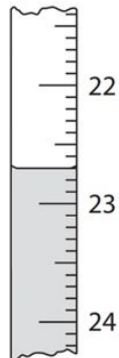
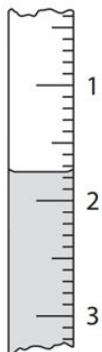


### 104.2 Measuring Volume

2. Record the volume in the measuring cylinders below



3. Determine the volume of liquid released from the burette below.



Final Volume:

\_\_\_\_\_

Initial Volume:

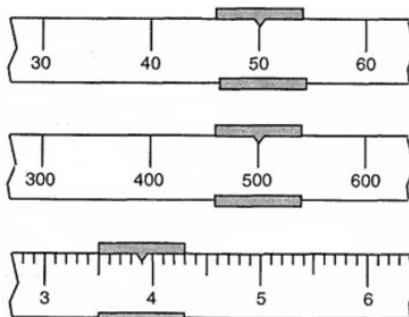
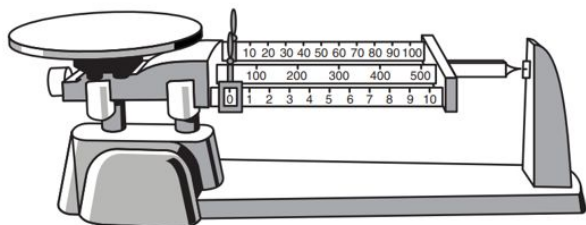
\_\_\_\_\_

Volume of Liquid

\_\_\_\_\_

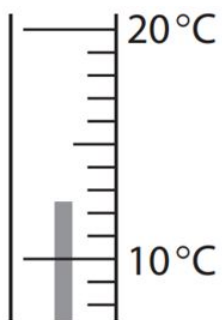
### 104.3 Measuring Mass

4. Record the mass of a block of aluminum given the reading below.

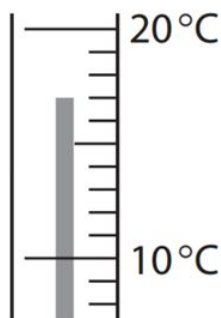


### 104.4 Measuring Temperature

5. Record the temperature of a chemical reaction after a chemical was added to water.



initial temperature



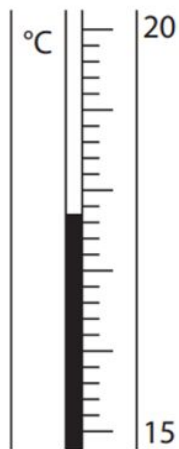
final temperature

Final Temperature

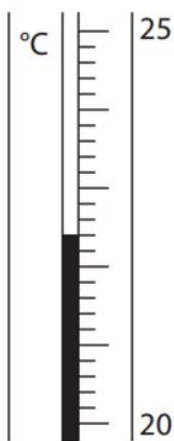
Initial Temperature

Temperature Difference

6. Record the temperature after a chemical reaction.



initial temperature



final temperature

Final Temperature

Initial Temperature

Temperature Difference