

**Activity: Getting to Know Your Lab**

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**Part A:**

Fill in the table by naming the piece or pieces of equipment that you would use to perform each of the following laboratory procedures. For a list of all equipment, see text pg. 537.

	<b>Laboratory Procedure</b>	<b>Equipment</b>
1	Add 9.0 mL of water.	
2	Weigh 3.25 g of solid sugar.	
3	Filter solid calcium chloride out of solution.	
4	Heat up a solution in a beaker.	
5	Transfer a test tube from a boiling hot water bath to an ice bath.	
6	Examine individual onion cells.	
7	Mix two chemicals by swirling vigorously.	
8	Arrange 10 test tubes during an experiment.	
9	Mix two chemicals together in a beaker.	
10	Measure the volume of a piece of metal.	

**Part B:**

Follow the procedure below and choose the most appropriate equipment for each step.

1. Measure 90.0 mL of water.

**Equipment used:** \_\_\_\_\_

2. On a piece of notebook paper, weigh exactly 4.25 g of salt (*sodium chloride, NaCl*).

**Equipment used:** \_\_\_\_\_

3. Calculate the volume of the salt given that it has a density of 2.00 g/mL.

**Volume of salt:** \_\_\_\_\_

