

#Jenny



Finally I get this ebook, thanks for all these I can get now!

#Rio



Cool! I'am really happy

#Markus Jensen



I did not think that this would work, my best friend showed me this website, and it does! I get my most wanted eBook

#Hun Tsu



wtf this great ebook for free?!

#Che Salsa



My friends are so mad that they do not know how I have all the high quality ebook which they do not!

#Diego Butler



so many fake sites. this is the first one which worked! Many thanks

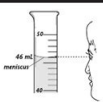
Name \_\_\_\_\_ Date \_\_\_\_\_ Class \_\_\_\_\_

**SKILLS PRACTICE**

**Measuring: Liquid Volume**

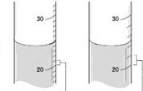
Write your answers to the questions below in the spaces provided. If you need more space, use the back of this sheet.

The volume of an object is the amount of space it takes up. You will often measure the volume of liquids using a graduated cylinder. ("Graduated" means that the cylinder is marked with measurement units.) Always read a graduated cylinder at eye level. Also, water in a graduated cylinder has a curved surface called the meniscus. Read the volume at the bottom of the meniscus.



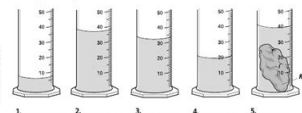
46 mL  
meniscus

**Hints:** Always check the unnumbered marks on a graduated cylinder to see how many sections there are and what they measure. Also, sometimes you have to estimate a measurement between two marks. Prove to yourself that both graduated cylinders on the right contain 25 mL.



Measure 1 mL      Measure 2 mL

What is the volume of the liquid shown in graduated cylinders 1-4 below? What is the total volume in graduated cylinder 5?



1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_ 5. \_\_\_\_\_

6. If the diagrams for Questions 4 and 5 show the same graduated cylinder before and after the rock was added, what can you infer about the volume of the rock?

7. **Think About It:** Describe how you can use a graduated cylinder to measure the volume of an irregular object.

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**Chemistry Inquiry Skill Practice Answers**