

Student Activity Book

**Reading Graduated Cylinders
(SAB pp. 557–559)**

Questions 1–5

- Answers in the table may vary by ± 1 cc. Partners' readings should be close if not the same.

Cylinder	V Volume in _____ unit		
	Partner 1	Partner 2	Agreed Reading
A			90
B			46
C			30
D			52
E			85
F			69
G			17
H			98

Name _____ Date _____

Reading Graduated Cylinders

Volume in Graduated Cylinders

- Work with a partner. Read the graduated cylinders your teacher has put around the room.

Volume in Different Cylinders

Cylinder	V Volume in _____ unit		
	Partner 1	Partner 2	Agreed Reading
A			
B			
C			
D			
E			
F			
G			
H			

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- less than
 - greater than
 - less than
 - Cylinder H
 - Cylinder G
- 78 cc
 - 33 cc
 - 64 cc

Name _____ Date _____

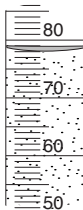
Check-In: Questions 2-5

- Compare the volume in the different graduated cylinders. Use the information in your data table. Write *greater than*, *less than*, or *equal to* to complete each sentence.
 - Cylinder C is _____ Cylinder D.
 - Cylinder F is _____ Cylinder G.
 - Cylinder F is _____ Cylinder E.
 - Which cylinder has the greatest volume? _____
 - Which cylinder has the least volume? _____

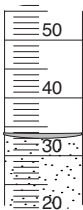
Mrs. Gomez's Class

Students in Mrs. Gomez's class also measured the volume of water in graduated cylinders.

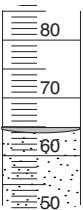
- What is the volume in each graduated cylinder?



A. _____



B. _____



C. _____

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4.

$$\begin{array}{r} 27 \\ +37 \\ \hline 50 \\ + 14 \\ \hline 64 \end{array}$$

64 cubic centimeters

5.

$$\begin{array}{r} 5\ 16 \\ \cancel{66} \\ - 38 \\ \hline 28 \end{array}$$

28 cubic centimeters

Name _____ Date _____

Show or tell how to solve each problem.

4. Cylinder Z has 27 cubic centimeters of water. Cylinder Y has 37 more cubic centimeters of water than Cylinder Z. How many cubic centimeters of water are in Cylinder Y?

5. Cylinder M had 66 cubic centimeters of water. Liz spilled some water and there were 38 cubic centimeters of water left. How much water did Liz spill?

Reading Graduated Cylinders

Check-In: Question 2–5

Feedback Box

	Expectation	Check In	Comments	
Use and applying place value concepts and comparative language to compare and order volumes (e.g., greater, least, greater than, less than). [Q# 2]	E2			
Solve addition and subtraction word problems (e.g., part-whole, join, compare) involving volume. [Q# 4–5]	E3			
Read and interpret a variety of scales (e.g., graduated cylinder, thermometer) calibrated by twos, fives, and tens. [Q# 3]	E4			
Use a table to solve problems about a data set. [Q# 2]	E8			
	Yes ...	Yes, but ...	No, but ...	No ...
MP6. Use labels. I use labels to show what numbers mean. [Q# 3–5]				

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