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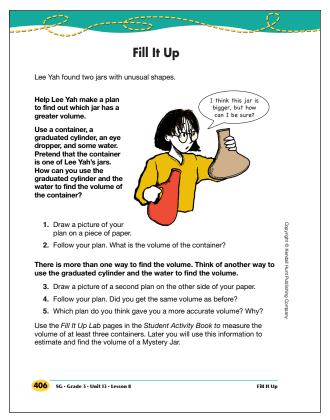
## Student Guide

# Fill It Up (SG p. 406) Questions 1–5

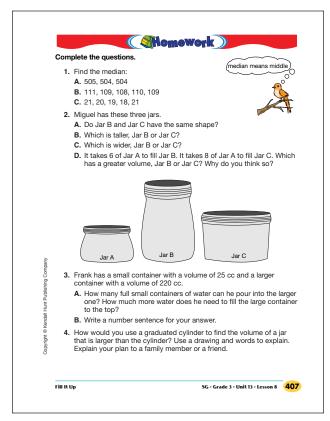
**1–5.\*** See Part 1 in the lesson for two possible strategies students may use to find the volume of a container. Figure 2 provides a sample drawing.

# Homework (SG p. 407) Questions 1–4

- I. A. 504
  - **B.** 109
  - **C.** 20
- **2. A.** No
  - B. Jar B
  - C. Jar C
  - **D.** Jar C; it only takes 6 Jar As to fill Jar B, but it takes 8 Jar As to fill Jar C.
- **3. A.** 8 small containers; 20 cc more will be needed.
  - **B.** Sentences will vary. Possible sentence:  $8 \times 25 + 20 = 220$  cc
- **4.** Explanations will vary. Possible response: Fill the container to the top with water. See how many 250 cc graduated cylinder I can fill. Pour the last bit of water into the cylinders and measure that. Add the number of 250 ccs with this last amount for the total.



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<sup>\*</sup>Answers and/or discussion are included in the lesson.