Student Activity Book

Cost of Brownies (SAB pp. 207–209) **Ouestions 1-5**

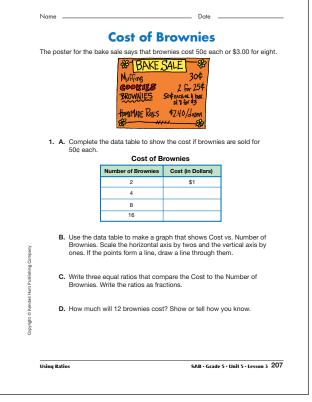
- **I. A.*** See Figure 4 in the lesson.
 - **B.*** See Figure 5 in the lesson.
 - C.* Answers will vary. Possible response:

$$\frac{\$1}{2 \text{ brownies}} = \frac{\$2}{4 \text{ brownies}} = \frac{\$4}{8 \text{ brownies}}$$

- D.* \$6. Possible response: Show dotted lines on the graph as shown on the graph in Figure 5.
- **2. A.*** See Figure 4 in the lesson.
 - **B.*** See Figure 5 in the lesson.
 - **C.*** Answers will vary. Possible response:

$$\frac{\$3}{8 \text{ brownies}} = \frac{\$6}{16 \text{ brownies}} = \frac{\$9}{24 \text{ brownies}}$$

- D.* \$18. Possible response: I saw a doubling pattern in the table. The table shows that 24 brownies cost \$9, so 48 brownies will cost \$18.
- **3.*** The two lines are straight and start at (0, 0). They go uphill. The one for 50¢ brownies is steeper.
- **4.** $\frac{\$4}{8 \text{ brownies}}$ and $\frac{\$3}{8 \text{ brownies}}$. Possible response: The ratio of $\frac{\$4}{8 \text{ brownies}}$ is larger than the ratio
- 5.* Possible response: If I want a few brownies, I would spend 50¢ each, but if I want more than six, I would buy them by the box. Six brownies would cost \$3.00 if bought individually, so I might as well buy a box of 8 for \$3.00.



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ame		Date .	
2. A. Complete for a box of	the data table to show of eight.	w the cost if brownie	es are sold for \$3.00
	Cost of Brownies in a Box		
	Number of Brownies	Cost (in Dollars)	
	8	\$3	
	16		
	24		
Brownies.	ata table to make a gr Use the same graph form a line, draw a lir	paper that you used	
	e equal ratios that con Write the ratios as fra		ne Number of
D. How much	will 48 brownies cos	t? Show or tell how	you know.
E. How do yo	ou know your answer	to Question 2D is re	easonable?
3. Describe the	wo lines on your grap	oh. How do they cor	mpare?
	or the Cost to the Nur ownies is 8. How do t		
5. Would you rat your thinking.	her buy brownies indi	ividually or in boxes	of eight? Explain

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TG · Grade 5 · Unit 5 · Lesson 3 · Answer Key

^{*}Answers and/or discussion are included in the lesson.