

Student Activity Book

**Sharing Pizza (SAB pp. 359–360)
Questions 1–7**

Name _____ Date _____

Sharing Pizza

1. Use Jimmy's Pizza Shop information from Questions 2–3 in the *Student Guide* to complete the table.

Family	Number of People	Number of Equal-Size Pieces	Fraction of the Pizza for Each Person
Franklin			
Wu			
Larson			
Dewey			

2. Describe patterns that you see.

3. Each fraction shows a part of a family-size pizza. Which fraction is larger? Use $>$, $<$, or $=$.

A. $\frac{1}{6} \bigcirc \frac{1}{2}$

B. $\frac{1}{3} \bigcirc \frac{1}{4}$

C. $\frac{1}{3} \bigcirc \frac{1}{6}$

D. $\frac{1}{4} \bigcirc \frac{1}{2}$

4. Show or tell how you decided your answer for Question 3D.

Copyright © Kendall Hunt Publishing Company

Comparing Fractions

SAB • Grade 3 • Unit 9 • Lesson 6 359

Student Activity Book - Page 359

1.*

Family	Number of People	Number of Equal-Size Pieces	Fraction of the Pizza for Each Person
Franklin	6	6	$\frac{1}{6}$
Wu	4	4	$\frac{1}{4}$
Larson	3	3	$\frac{1}{3}$
Dewey	2	2	$\frac{1}{2}$

2.* Possible response: the number of pieces the pizza is divided into is the same as the denominator in the fraction.

3. A. $\frac{1}{6} < \frac{1}{2}$ B. $\frac{1}{3} > \frac{1}{4}$

C. $\frac{1}{3} > \frac{1}{6}$ D. $\frac{1}{4} < \frac{1}{2}$

4. $\frac{1}{2}$ of a pizza is more than $\frac{1}{4}$ of a pizza.



5.

Less Than $\frac{1}{2}$	Equal to $\frac{1}{2}$	Greater than $\frac{1}{2}$
B. $\frac{1}{6}$	C. $\frac{2}{4}$	A. $\frac{2}{3}$
E. $\frac{3}{8}$	F. $\frac{3}{6}$	D. $\frac{4}{4}$
H. $\frac{1}{4}$	G. $\frac{4}{8}$	I. $\frac{6}{8}$
K. $\frac{1}{3}$		J. $\frac{2}{2}$
L. $\frac{2}{8}$		

6. A. A member of the Brown Family
B. Possible response: I used the fraction chart to see that $\frac{1}{4}$ was bigger than $\frac{1}{6}$.

7. A. Suzanne
B. I know that $\frac{1}{4}$ is smaller than $\frac{1}{2}$ and $\frac{2}{3}$ is bigger than $\frac{1}{2}$, so $\frac{1}{4}$ will be smaller than $\frac{2}{3}$.

Copyright © Kendall Hunt Publishing Company

Name _____ Date _____

Check-In: Questions 5-7

Complete Questions 5–7. Use fraction circle pieces and the *Fraction Chart* page in the *Student Guide Reference* section.

Less than $\frac{1}{2}$	Equal to $\frac{1}{2}$	Greater than $\frac{1}{2}$

5. Compare these fractions to $\frac{1}{2}$. Add them to the correct column on the table above.

A. $\frac{2}{3}$ B. $\frac{1}{6}$ C. $\frac{2}{4}$ D. $\frac{4}{4}$

E. $\frac{3}{8}$ F. $\frac{3}{6}$ G. $\frac{4}{8}$ H. $\frac{1}{4}$

I. $\frac{6}{8}$ J. $\frac{2}{2}$ K. $\frac{1}{3}$ L. $\frac{2}{8}$

6. The Smith family and the Brown family each ordered a family-size pizza from Jimmy's Pizza Shop. There are 6 people in the Smith family and 4 people in the Brown family.

A. Who got more pizza, a member of the Smith family or a member of the Brown family?

B. Show or tell how you know.

7. A. Nisha and Suzanne shared a pizza. Nisha ate $\frac{1}{4}$. Suzanne ate $\frac{2}{3}$. Who ate more pizza?

B. Show or tell how you know.

Copyright © Kendall Hunt Publishing Company

360 SAB • Grade 3 • Unit 9 • Lesson 6

Comparing Fractions

Student Activity Book - Page 360

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

Sharing Brownies
Homework (SAB pp. 361–362)
Questions 1–2

1. A. 4
 B. 8
 C. $\frac{1}{4}$
 D. $\frac{1}{8}$
 E. John's brownies are larger.
 Each of John's brownies is $\frac{1}{4}$ of the pan;
 Each of Maya's brownies is $\frac{1}{8}$ of the same
 size pan. $\frac{1}{4}$ is larger than $\frac{1}{8}$.
 F. $\frac{1}{2}$ or $\frac{2}{4}$
 G. $\frac{3}{8}$
 H. The boys ate more. They ate $\frac{1}{2}$ of a pan,
 but the girls ate $\frac{3}{8}$, which is less than $\frac{1}{2}$ of
 a pan.

2. A. $\frac{1}{2} < \frac{3}{4}$
 B. $\frac{1}{2} > \frac{1}{3}$
 C. $\frac{1}{2} > \frac{3}{8}$
 D. $\frac{1}{2} < \frac{5}{6}$
 E. $\frac{1}{2} < \frac{2}{3}$

Copyright © Kendall Hunt Publishing Company

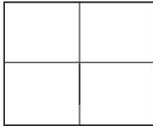
Name _____ Date _____

Sharing Brownies

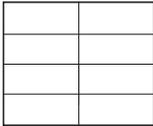


1. John and Maya each baked a pan of brownies using the same size pan.

John's brownies



Maya's brownies



A. John divided his brownies into _____ equal pieces.
 B. Maya divided her brownies into _____ equal pieces.
 C. Each of John's brownies are _____ of the whole pan.
 D. Each of Maya's brownies are _____ of the whole pan.
 E. Whose brownies are larger, John's or Maya's? Show or tell how you know.
 F. If John and his brother ate one brownie each from John's pan, what part of the whole pan did the boys eat?
 G. If Maya and her two sisters ate one brownie each from Maya's pan, what part of the whole pan did the girls eat?
 H. Who ate more of a whole pan, the girls or the boys? Show or tell how you know.

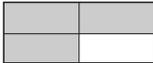
Copyright © Kendall Hunt Publishing Company

Comparing Fractions **SAB • Grade 3 • Unit 9 • Lesson 6 361**

Student Activity Book - Page 361

Name _____ Date _____

2. Write a fraction for the shaded part of each shape. Circle the larger fraction in each pair. Then write a number sentence comparing the fractions. Use $>$, $<$, or $=$.

A.   

B.   

C.  


D.   

E.  


Copyright © Kendall Hunt Publishing Company

362 SAB • Grade 3 • Unit 9 • Lesson 6 **Comparing Fractions**

Student Activity Book - Page 362