Showing Fractions

Show, Write, and Draw Fractions

Self-Check: Question 1

- 1. A. Two aquas is what fraction of the red circle?
 - **B.** When you wrote the fraction as a number, how did you know what denominator to use? How did you know what numerator to use?

C. Write a number sentence for 1A.

- D. Write the fraction in Question 1A in words.
- **E.** Two aquas is what fraction of the pink piece? Show or tell how you know.

Use the menu and the Self-Check questions to choose practice with showing fractions and writing fractions in numbers and words.

Workshop Menu				
ishing Company	Can I Do This?	A Working On It! I could use some extra help.	• Getting It! I just need some more practice.	Got It! I'm ready for a challenge.
all Hunt Publ	Show fractions with circle pieces and fraction strips.			
it © Kend	Order fractions on a number line.	Questions 2, 3, 6–8, 12–15	Questions 3, 4, 7–10, 13–15	Questions 3–5, 8–11, 13–15
Copyrigh	Show fractions with numbers, words, and drawings.			

Name _		_ Date	
A 2	A. Cover a pink piece with 3 aquas.	equal size parts	
	Each part is .	of the pink circle.	
	B. Cover a red circle with 3 oranges.	equal size parts	
	Each part is	of the red circle.	
	C. Two oranges are what part of the re	ed circle?	
	D. Write a number sentence for Questi	ion 2C	
	. A. Cover a pink piece with purples.	equal size parts	
	Each part is _	of the pink piece.	
	B. Three purples are what part of the p	oink piece?	
	C. Write a number sentence for Questi	ion 3B	npany
	D. Cover a red circle with all greens.	equal size parts	ublishing Con
	Each part is	of the red circle.	endall Hunt P
	E. Three greens are what part of a red	l circle?	Copyright © K∈
	F. Write a number sentence for Questi	ion 3E	5
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Name	Date
●■ 4.	If the shape below is the unit whole, write a fraction for the items below.
	A. one aqua piece B. one orange piece
	C. an orange and aqua piece together
	D. Write a number sentence for Question 4C.
■ 5.	A. Cover this shape with all one color.
	What color did you use?
	How many pieces?
	If the shape is the unit whole, write a fraction for the items below.
	B. 1 purple piece
	C. 1 green piece
	D. Write a number sentence for 1 purple piece and one green piece together.

Name		Date		
A 6.	6. Look at the shapes and then fill in the blanks. For Questions 6A–6E, the unit whole is the figure shown.			
	A.	Each part is	_ equal size parts of the whole.	
	в.	Each part is	_ equal size parts of the whole.	
	c.	Each part is	_ equal size parts of the whole.	
	D.	Each part is	_ equal size parts of the whole.	Publishing Company
	E. The solid lin	nes show Each part is	equal size parts.	Copyright © Kendall Hunt



A••• **8. A.** Circle the pictures that show $\frac{3}{10}$.







B. What fraction of the marbles are white? _

Workshop: Many Ways to Show a Fraction



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Name	
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Show the fraction in each box below in four other ways. The red circle is the unit whole on this page.



Ν	lame	Э.
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Date _

Show the fraction in each box below in four other ways.



Date .

When Are Halves Different?

When Jacob and Jerome looked at their data for the *Bouncing Ball* lab, they wondered what would happen if they dropped a tennis ball from a tall building. Jacob said, "Every time we dropped a ball during the lab, it bounced back about half of the drop height. Think how high a ball would bounce if we dropped it from the top of the Willis Tower in Chicago. That's one of the tallest buildings in the world."

Jerome said, "The CN Tower in Toronto is even taller. If we dropped the ball from the top of it, the ball would bounce even higher!"



16. If each ball bounces one-half the distance of the drop height, will the bounce heights be the same? Why or why not?

Use the Self-Check Question and menu to choose practice showing fractional parts of different-sized unit wholes.

Workshop Menu				
Can I Do This?	A Working On It! I could use some extra help.	• Getting It! I just need some more practice.	Got It! I'm ready for a challenge.	
Show fractional parts of different- sized unit wholes.	Questions 17–18	Questions 17–21	Questions 17–22	











- **19.** Michael measured $\frac{1}{2}$ of a yard of ribbon to decorate his mother's present. Irma measured $\frac{1}{2}$ of a foot of ribbon to decorate her mother's present. Who used more ribbon? Explain how you decided.
- **20.** Linda and Jessie each ate $\frac{1}{2}$ of an apple. Jessie's apple weighed 5 ounces. Linda's weighed 12 ounces. Who ate more apple? Explain how you decided.

Lee Yah drank ¹/₃ of a cup of juice and Roberto drank ¹/₂ of a cup of juice. Who drank more juice? Show or tell how you know.
22. Write a problem that compares ¹/₂ of different wholes.

Name.

Date

From Fractions to Unit Wholes

Professor Peabody is trying to make up hard problems for his students. He thinks of fractions and the students have to find the unit whole.



Use fraction circle pieces to help you with Questions 23-27.



23. A. One blue piece covers $\frac{1}{4}$ of which other piece?

B. One yellow piece covers $\frac{1}{4}$ of which other piece?

Use the Self-Check Question to check your progress with showing the unit whole from a fractional part.



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For Questions 28–31, Professor Peabody drew fractions of shapes. For each shape, draw what the whole shape could look like.









Date _____

Fractions Greater Than One



Show the fraction in the box below in five other ways. The red circle is the unit whole for this page.



Use the Self-Check Question and the menu to check your progress with representing fractions greater than one as improper fractions and mixed numbers.

Workshop Menu				
Can I Do This?	A Working On It! I could use some extra help.	• Getting It! I just need some more practice.	Got It! I'm ready for a challenge.	
Represent fractions greater than one as improper fractions and mixed numbers.Questions 33–34, 37–40		Questions 35–40	Questions 37–40	

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Show the fraction in each box below in five other ways. The red circle is the unit whole for this page.



Workshop: Many Ways to Show a Fraction

Name _____

Show the fraction in each box below in five other ways. The red circle is the unit whole for this page.



For Questions 37–40, write each fraction shown as a mixed number and an improper fraction. A fraction strip or the red circle is the unit whole. The first one is an example.





Use the menu to decide to play either Fraction Fill 1 or Fraction Fill 2. These games provide practice writing number sentences.

Workshop Menu				
Can I Do This?	A Working On It! I could use some extra help.	I'm ready for a challenge.		
Write number sentences to show a unit whole divided into fractions.	Play Fraction Fill 1	Play Fraction Fill 2		

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