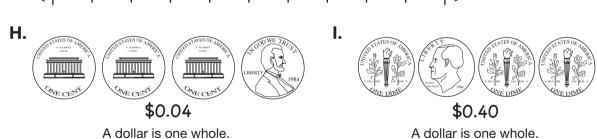
Moving Ahead with Decimals

Showing Decimals

Self-Check: Questions 1 and 2 1. Roberto and his friends showed *four-tenths* several ways. Circle those that are correct. A. <u>fint is one whole</u>. B. DDDD A flat is one whole. C. <u>4</u>0 D. <u>4</u>0 E. 0.4 F. <u>0</u> A first is 1 whole.



- **2. A.** Write 0.25 as a common fraction and with words. Use the *Writing Numbers with Words* page in the *Student Guide* Reference section.
 - **B.** Show 0.25 two more ways.



Ν	lame	

Circle one group of problems in each row to complete.

	Worksh	op Menu	
Can I Do This?	A Working On It!	• Getting It! I just need some more practice.	Got It! I'm ready for a challenge.
Show a decimal in different ways.	Questions 3, 4, 5	Questions 8–10	Questions 8, 10, 11, 12
Read and write decimals with words and numbers.	Questions 6–7	Question 7	Question 13

Use skinnies and bits to help you answer Questions 3-4.

3. A. Frank used skinnies to measure a piece of ribbon. If a skinny is one-tenth of a meter, how long is the ribbon?

B. Frank said the ribbon is sixty-hundredths of a meter. Do you agree with Frank? Why or why not?

C. Write the ribbon length to the nearest tenth of a meter as a decimal.

- **4. A.** Maya's ribbon measured four skinnies and eight bits. How long is Maya's ribbon to the nearest tenth of a meter? Use decimals.
 - **B.** How long is Maya's ribbon to the nearest hundredth of a meter? Use decimals.
 - C. Whose ribbon is longer? Frank's or Maya's? Show how you know.

Ν	am	e
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Use skinnies, bits, and a meterstick to help you answer Questions 5-6.

5. Shannon showed how she counted tenths using base-ten pieces.

one-tenth two-tenths three-tenths

A. Write Shannon's counts with decimals.

decimals:

B. Show how Shannon could count the same pieces by hundredths instead of tenths. Write your counts with words and with decimals.

words:

decimals:

6. Ana measured a length of rope to the nearest hundredth of a meter.

- 1										
	10	20	30	40	50	60	70	80	90	1M
- 1	10	20	00	40	50	00	10	0,0	50	
L										

Write her measurement three ways:

common fraction

decimal

words

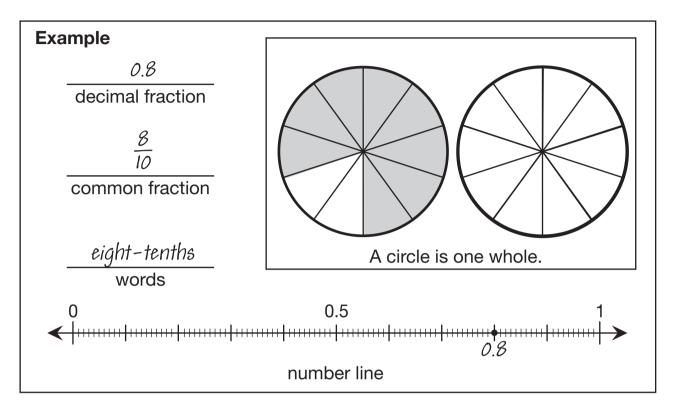
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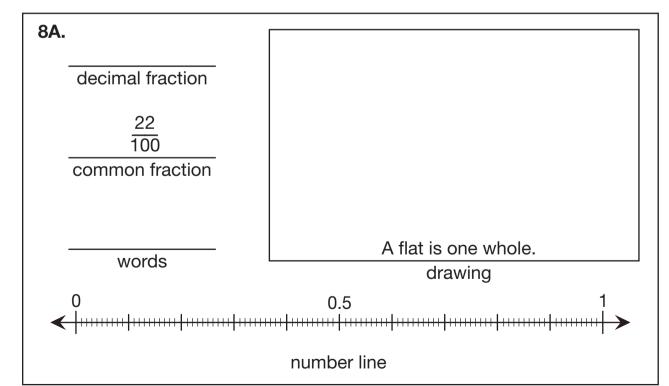
7. Fill in the chart. The first row is an example. The red circle is one whole. Use the *Writing Numbers with Words* page in the *Student Guide* Reference section.

	Drawing	Fraction in Words	Fraction	Decimal
Example		two-tenths	<u>2</u> 10	0.2
Α.			<u>1</u> 5	0.2
В.			<u>3</u> 10	
C.		four-tenths		
D.			<u>2</u> 5	
E.		five-tenths		
F.			<u>1</u> 2	

Name _

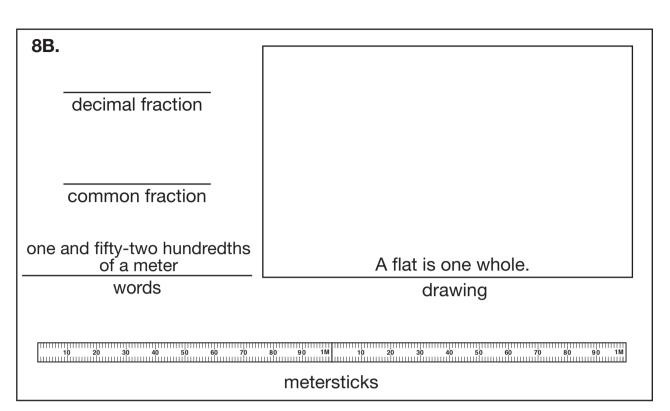
8. Show the fractions in each box four ways. The first one is an example. Use the *Writing Numbers with Words* page in the *Student Guide* Reference section.

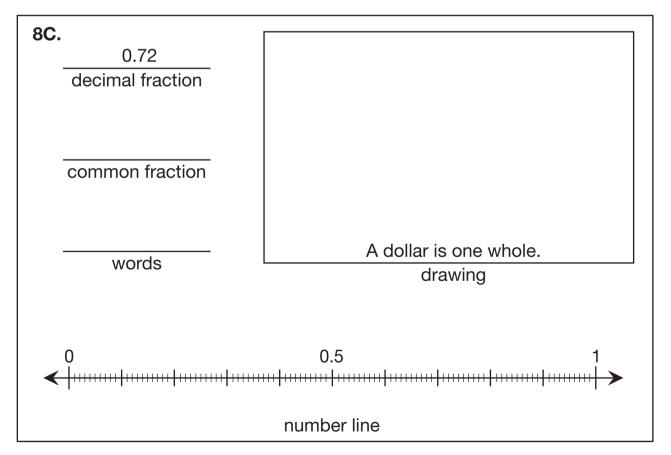


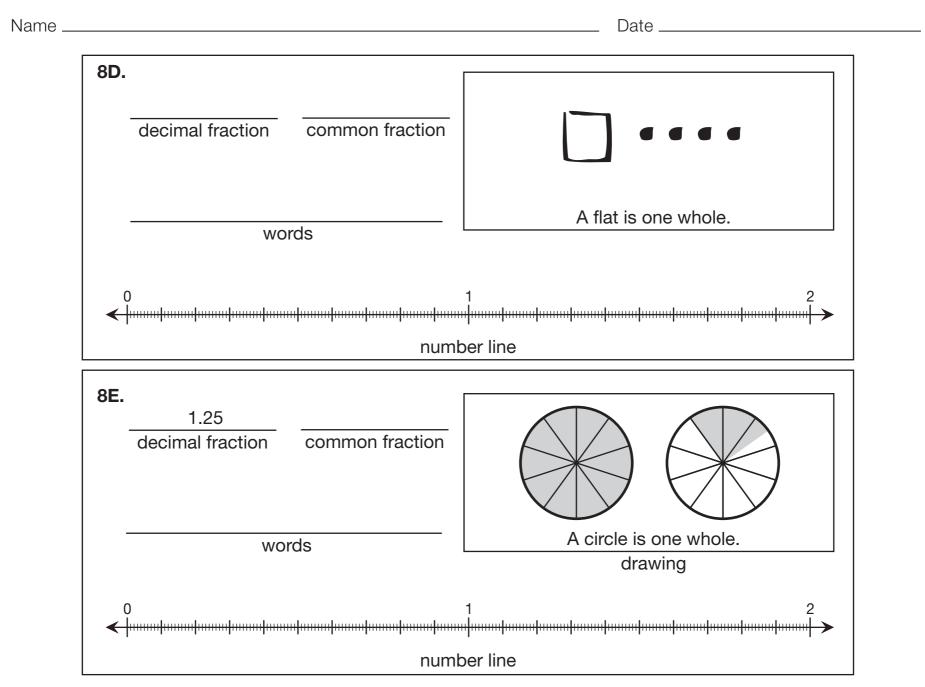


Na	me
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Date _

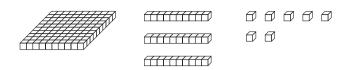






Date _

9. For the base-ten pieces shown below, the flat is the unit whole.



- A. What number is shown by the flat?
- **B.** What decimal is shown by the skinnies?
- C. What decimal is shown by the bits?
- **D.** Use the information from Questions A–C to write a number sentence to show the value of the decimal shown by all the pieces combined.
- **E.** Write the decimal in words.
- **10.** Fill in the missing information in the place value table. In the last column, write a number sentence that shows what each digit stands for.

		F	Pla	ce Valu	e		
	Number	Tens	Ones	•	Tenths	Hundredths	Number Sentence
Example	4.56	0	4	•	5	6	4 + 0.5 + 0.06 = 4.56
Α.		0	4	٠	6	0	
В.				•			4 + 0.5 + 0.01 = 4.51
C.		4	0	•	0	6	
D.							40 + 0.6 = 40.6

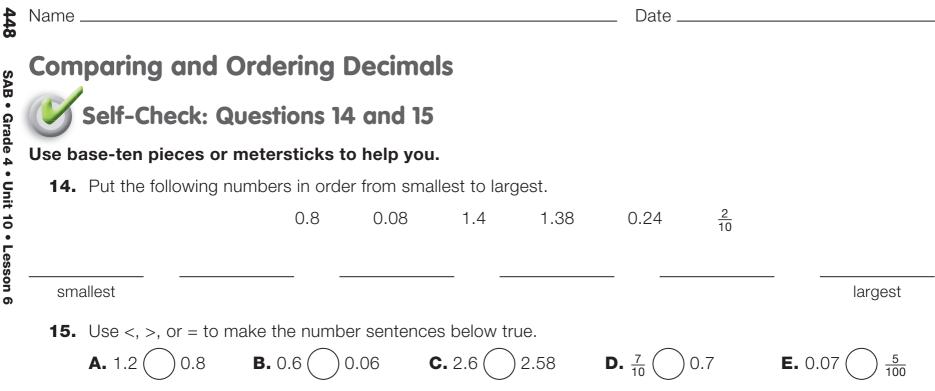
E. Show the numbers in Questions A and B in base-ten shorthand if a flat is one whole.

Name	Date

11. Show 3.67 four ways.

12. Shade the grids below to show 1.53. One square grid is one whole.

13. Keenya showed a number on the grids below. If one square is one whole, what number did Keenya represent? Write your answer as a decimal.

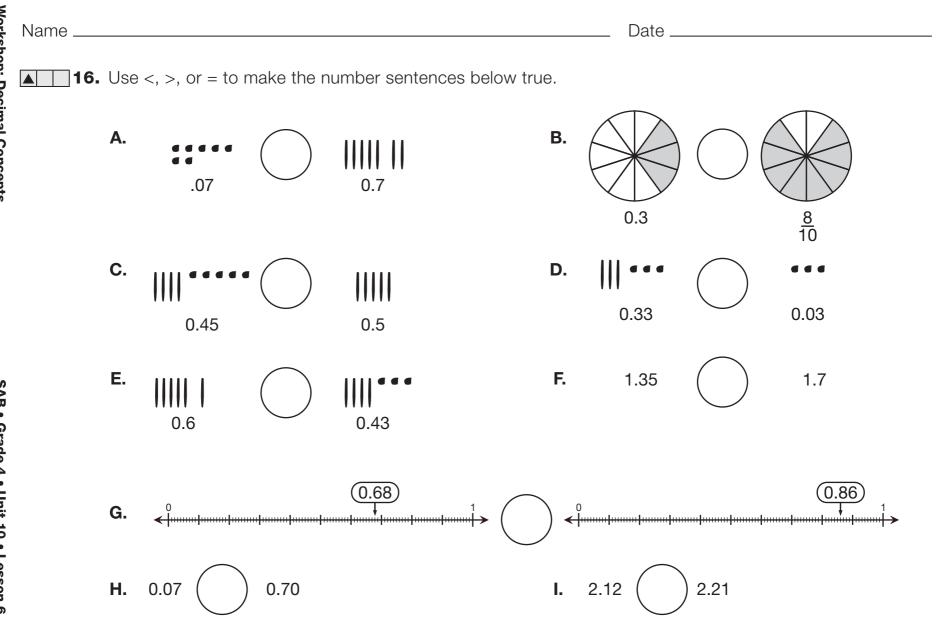


F. Explain your thinking for Question 15C.

Use the Self-Check Questions and menu to choose practice with comparing and ordering decimals.

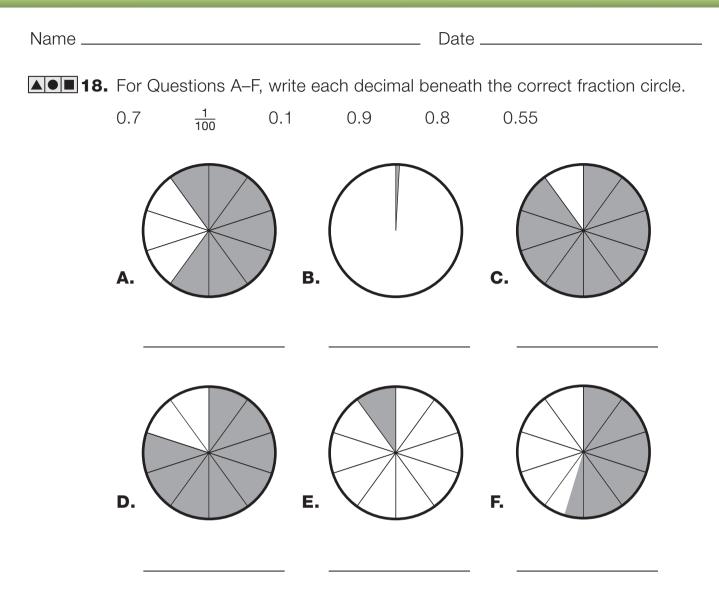
Workshop Menu								
Can I Do This?	A Working On It! I could use some extra help.	• Getting It! I just need some more practice.	Got It! I'm ready for a challenge.					
Compare and order decimals.	Questions 16–21	Questions 18, 20–24	Questions 18, 24–26					

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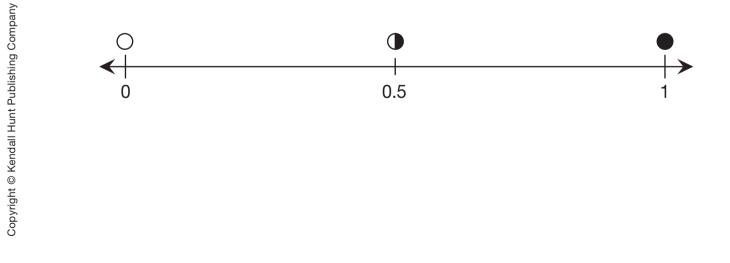


Workshop: Decimal Concepts

Name					[Date				
17. For Questions A–F, write each decimal beneath the correct base-ten shorthand.										
	0.47	0.45	0.02	2	0.98	1.00		0.8		
	A. [)	В.		 	C.	••			
	<u></u> .		- E.		:::	— F.				
	G. Put	the numbers	- in Que	estior	ns A–F in oi	rder from	ı sma	allest to	largest.	
	 H. Check your answer to Question G by putting each number where it belongs on the number line. 									
	0 ∢ +++++++				0.5 	++++++++++++			1 	✔ Copyright © Kendall Hunt Publishing Company
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G. Put each number where it belongs on the number line.



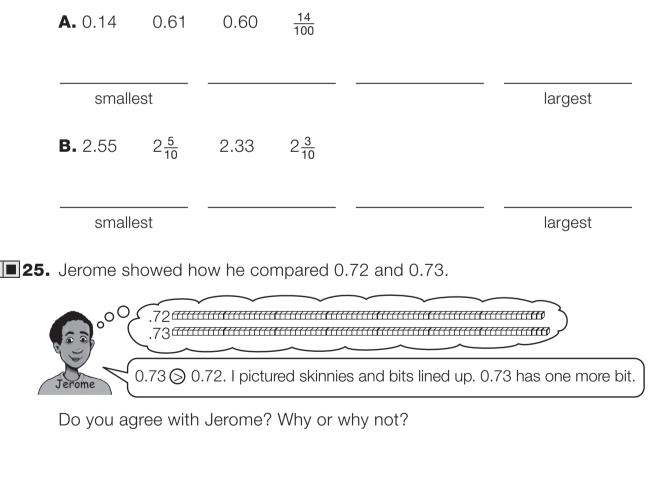
Name	Date
▲ 19.	Show the following numbers using base-ten shorthand. A flat is one whole. Example: 2.40
	A. 2.43
	B. 2.5
	C. 0.02
	D. 0.4
	E. 0.43
▲● 20.	Order the numbers in Question 19 from smallest to largest. Include the example.
	smallest largest
▲● 21.	Irma compared 0.4 and 0.43.
	0.4 > 0.43 0.4 or four-tenths is larger than forty-three hundredths because tenths are bigger than those little hundredths.
	Do you agree with Irma? Why or why not?
	Ming compared two decimals. Thirty hundredths is equal to three-tenths because thirty bits looks like it is the same length as three skinnies.

Do you agree with Ming? Why or why not?

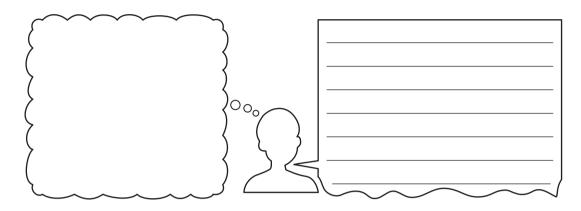
23. Use <, >, or = to make the number sentences below true.



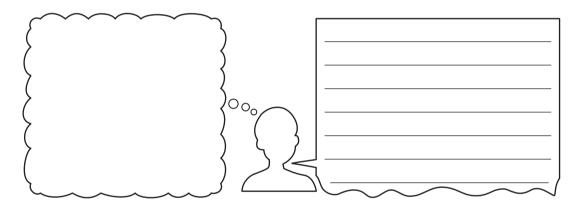
- G. Show your thinking for Question 23F.
- **24.** Use your responses in Question 23 to put the following numbers in order from smallest to largest. If two numbers are equal, put them on the same line.



Name	Date
26. Like Jerome, show your thinking as you	
A. Compare 2.01 and 2.10.	



B. Compare 0.43 and 0.08.



C. Compare 0.6 and 0.60.

