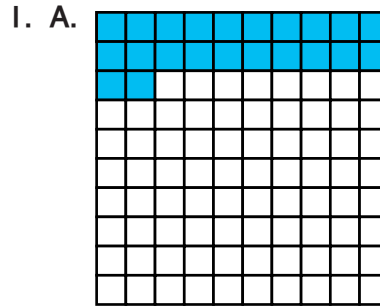
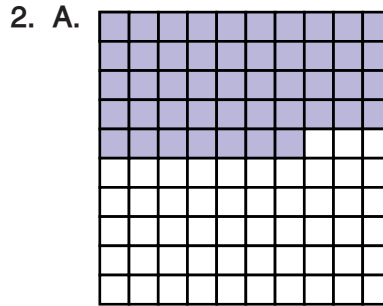


Student Activity Book

**Decimal Grids: Hundredths (SAB pp. 299–300)
Questions 1–3**

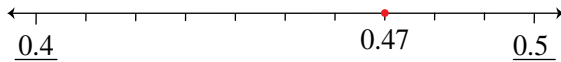


B. 0.23

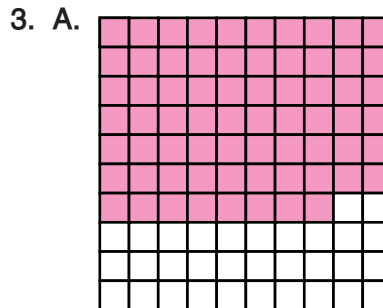


B. 0.47

C.



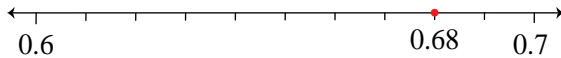
D. 0.53



B. 0.68

C. $.6 + .08 = .68$

D.



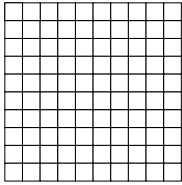
E. $.3 + .02 = .32$

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Decimal Grids: Hundredths

1. A. Shade twenty-three hundredths of the grid. B. Write twenty-three hundredths as a decimal fraction.

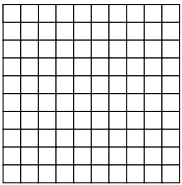


Grace shows the decimal 0.23 on a number line. Since she knows that 0.23 is between two tenths and three tenths she uses these decimals to label the ends of her number line.



Grace used a dot to show the location of twenty-three hundredths.

2. A. Shade $\frac{47}{100}$ of the grid. B. Write $\frac{47}{100}$ as a decimal fraction.

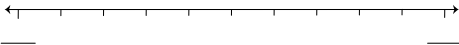


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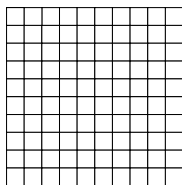
Name _____ Date _____

- C. Use Grace's strategy to locate $\frac{47}{100}$ on the number line. First decide between which tenths the decimal is located. Label the end points of the number line with these tenths. Then place a dot on the number line to show the location of the decimal.



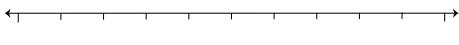
- D. Name the fraction of the grid that is **not** shaded. Write a decimal fraction.

3. A. Shade sixty-eight hundredths of the grid. B. Write sixty-eight hundredths as a decimal fraction.



- C. Use expanded form to represent sixty-eight hundredths.

- D. Locate sixty-eight hundredths on the number line.



- E. Name the fraction of the grid that is **not** shaded. Write a decimal fraction and a number sentence in expanded form.

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Show Decimals (SAB pp. 301–304)
Questions 1–7

1.

$\frac{.047}{\text{decimal}}$	$\frac{47}{1000}$ fraction	
fourty-seven thousandths words		
$.04 + .007 = .047$ expanded form		

Name _____ Date _____

Show Decimals

Complete the missing information to show the decimal in each box in many ways. The first one is done as an example. Use the *Writing Numbers in Words* page in the *Student Guide Reference* section.

Example

$\frac{.47}{\text{decimal}}$	$\frac{47}{100}$ fraction	
fourty-seven hundredths words		
$.4 + .07 = .47$ expanded form		

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1.

_____ decimal	$\frac{47}{1000}$ fraction	
_____ words		
_____ expanded form		

Many Ways to Show Decimals SAB • Grade 5 • Unit 8 • Lesson 3 301

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2.

$\frac{.65}{\text{decimal}}$	$\frac{65}{100}$ fraction	
sixty-five hundredths words		
$.60 + .05 = .65$ expanded form		

3.

$\frac{.72}{\text{decimal}}$	$\frac{72}{100}$ fraction	
seventy-two hundredths words		
$.70 + .02 = .72$ expanded form		

Name _____ Date _____

2.

_____ decimal	_____ fraction	
_____ words		
_____ expanded form		

3.

_____ decimal	_____ fraction	
_____ words		
_____ expanded form		

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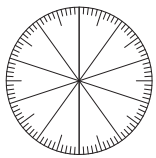
Answer Key • Lesson 3: Many Ways to Show Decimals

Name _____ Date _____

4.

$\frac{.75}{\text{decimal}}$	$\frac{\quad}{\text{fraction}}$
_____	_____
words	

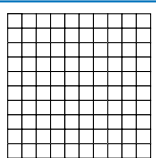
expanded form	



5.

$\frac{\quad}{\text{decimal}}$	$\frac{18}{100}$ fraction
_____	_____
words	

expanded form	



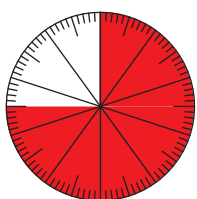
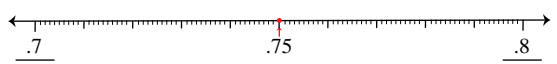
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4.

$\frac{.75}{\text{decimal}}$	$\frac{75}{100}$ fraction
_____	_____
seventy-five hundredths	
words	

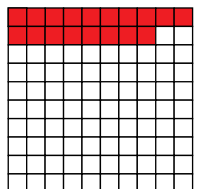

expanded form	

5.

$\frac{.18}{\text{decimal}}$	$\frac{18}{100}$ fraction
_____	_____
eighteen hundredths	
words	

expanded form	

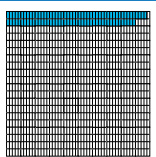
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Name _____ Date _____

6.

$\frac{\quad}{\text{decimal}}$	$\frac{\quad}{\text{fraction}}$
_____	_____
words	

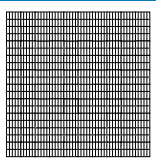
expanded form	



7.

$\frac{.652}{\text{decimal}}$	$\frac{\quad}{\text{fraction}}$
_____	_____
words	

expanded form	



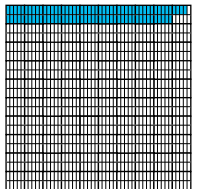

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6.

$\frac{.094}{\text{decimal}}$	$\frac{94}{1000}$ fraction
_____	_____
ninety-four thousandths	
words	

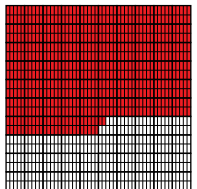

expanded form	

7.

$\frac{.652}{\text{decimal}}$	$\frac{652}{1000}$ fraction
_____	_____
six hundred fifty-two thousandths	
words	

expanded form	

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Represent Decimals (SAB pp. 305–308)
Homework
Questions 1–7

1.

$\frac{.263}{\text{decimal}}$	$\frac{263}{1000}$ fraction	
two hundredths sixty-three thousandths words		
$\frac{.200 + .06 + .003 = .263}{\text{expanded form}}$		

Name _____ Date _____

Represent Decimals

Fill in the missing information. The first one is done as an example.

Example:

$\frac{0.53}{\text{decimal}}$	$\frac{53}{100}$ fraction	
fifty-three hundredths words		
$\frac{.5 + .03}{\text{expanded form}}$		

1.

decimal	$\frac{263}{1000}$ fraction	
words		
expanded form		

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2.

$\frac{0.573}{\text{decimal}}$	$\frac{573}{1000}$ fraction	
five hundred seventy-three thousandths words		
$\frac{.500 + .07 + .003 = .573}{\text{expanded form}}$		

3.

$\frac{.807}{\text{decimal}}$	$\frac{807}{1000}$ fraction	
eight hundred seven thousandths words		
$\frac{0.8 + .007}{\text{expanded form}}$		

Name _____ Date _____

2.

$\frac{0.573}{\text{decimal}}$	fraction	
words		
expanded form		

3.

decimal	fraction	
words		
$\frac{0.8 + .007}{\text{expanded form}}$		

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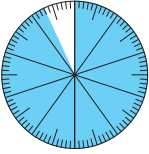

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Answer Key • Lesson 3: Many Ways to Show Decimals

Name _____ Date _____

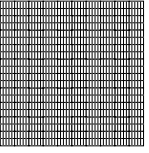
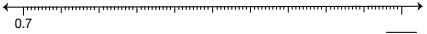
4.

decimal	fraction
_____	_____
words	_____
expanded form	_____

5.

decimal	fraction
_____	_____
seven hundred twenty-four thousandths	_____
words	_____
expanded form	_____

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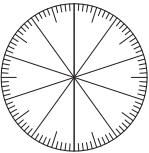

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Name _____ Date _____

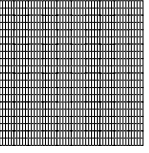

6.

.06	fraction
decimal	_____
words	_____
expanded form	_____

7.

.065	fraction
decimal	_____
words	_____
expanded form	_____

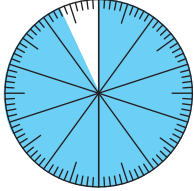

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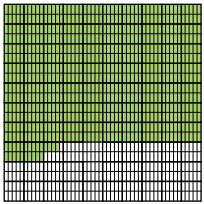
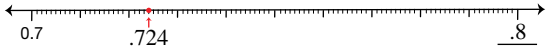
4.

.93	$\frac{93}{100}$
decimal	fraction
_____	_____
ninety-three hundredths	_____
words	_____
expanded form	_____

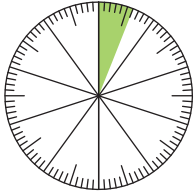
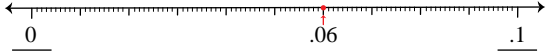
5.

.724	$\frac{724}{1000}$
decimal	fraction
_____	_____
seven hundred twenty-four thousandths	_____
words	_____
expanded form	_____

6.

.06	$\frac{6}{100}$
decimal	fraction
_____	_____
six hundredths	_____
words	_____
expanded form	_____

7.

.065	$\frac{65}{1000}$
decimal	fraction
_____	_____
sixty-five thousandths	_____
words	_____
expanded form	_____

