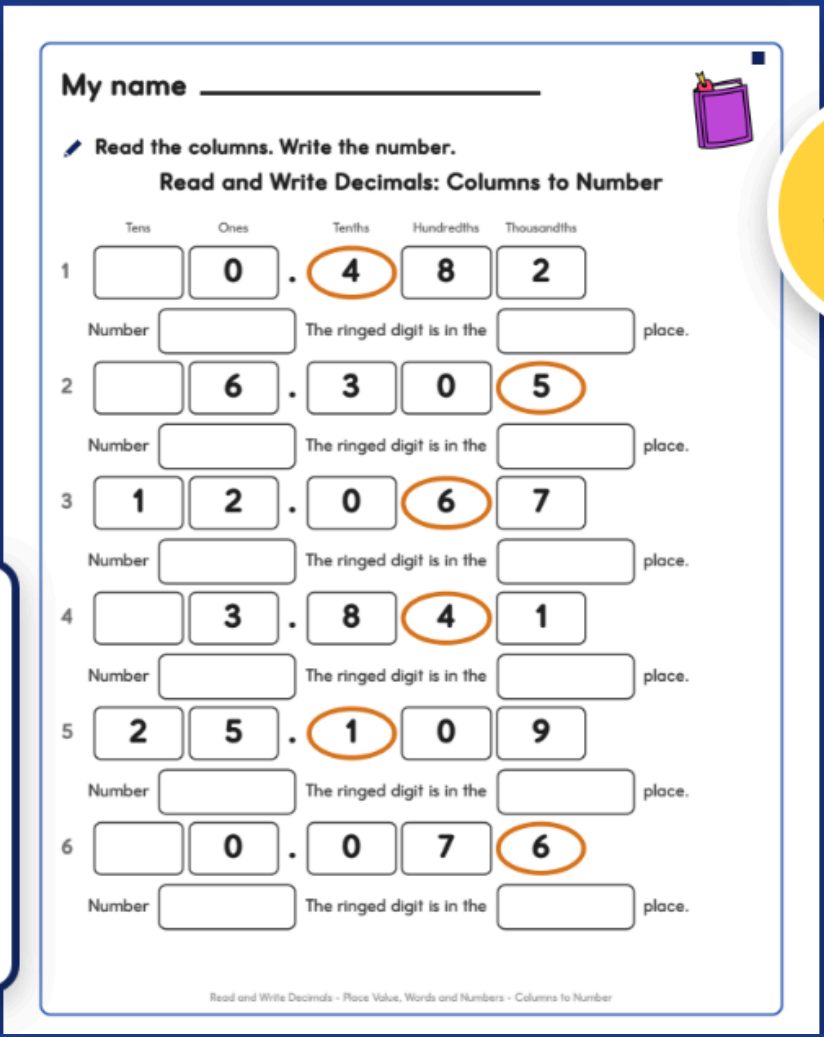
READ AND WRITE DECIMALS

Standard, Word and Expanded Form, Grades 4-5


My name _____

Read the columns. Write the number.

Read and Write Decimals: Columns to Number

	Tens	Ones		Tenths	Hundredths	Thousandths
1		0	.	4	8	2
2		6	.	3	0	5
3	1	2	.	0	6	7
4		3	.	8	4	1
5	2	5	.	1	0	9
6		0	.	0	7	6

Number _____ The ringed digit is in the _____ place.

Read and Write Decimals - Place Value, Words and Numbers - Columns to Number

30 PAGES

0.375

three hundred seventy-five thousandths

0.3 + 0.07 + 0.005

Bright Path Sped

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This is a fillable PDF

- Open it in a PDF reader (Adobe Acrobat Reader, Preview, or your browser), click into a box, type, and Save As.
- The name line and every answer box are type-in fields. The cutting pages are made for printing: print them, cut the pieces and glue each piece in its box.
- It works offline. No account, no subscription, no internet connection needed after you download it.

Print at 100 percent

Turn off fit to page and shrink to fit so the pieces on the cutting pages stay big enough for small hands. Every page prints in color or in black and white.

Student work

A filled-in tracker carries a student's name. Keep it in the data folder, and use a first name only on any page that leaves your hands.

Need help?

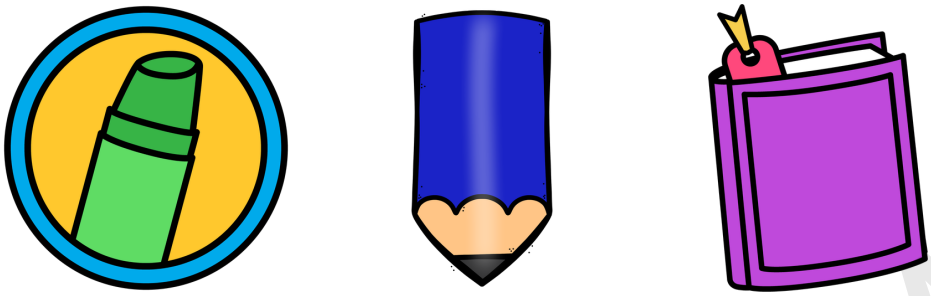
If a box will not behave or a page will not print the way you expect, use Ask a Question on the product page before leaving a review. Every question is read, and a fix to the file ships as a free update: re-download it any time from My Purchases.

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PREVIEW

Binder Cover and Spine

Slide this into the front of a binder or a folder. The spine strip is below it; the three divider tabs come before each section (pages 5, 11 and 18).



READ AND WRITE DECIMALS

standard form, word form and expanded form

Name

Class or group

School year

PREVIEW

Read and Write Decimals - Bright Path Sped

Spine strip: fold it around the spine of a one-inch binder, or tape it flat to a folder edge.

My name _____



Read the examples. Then try one.

Read and Write Decimals: Three Ways to Write It

Ones		Tenths	Hundredths	Thousandths
0	.	3	7	5

Standard form: **0.375**
Word form: **three hundred seventy-five thousandths**
Expanded form: **0.3 + 0.07 + 0.005**

Tens	Ones		Tenths	Hundredths
1	2	.	8	4

Standard form: **12.84**
Word form: **twelve and eighty-four hundredths**
Expanded form: **10 + 2 + 0.8 + 0.04**

The dot says "and." No whole number? Skip the "and."

Your turn

Ones		Tenths	Hundredths
5	.	8	2

Standard form: **5.82**
Word form

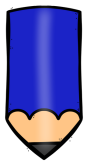
_____

Expanded form

_____

PREVIEW

My name _____



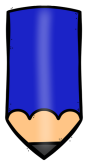
Write each digit in its column.

Read and Write Decimals: Digits in Columns

		Ones		Tenths	Hundredths
1	0.25		.		
2	3.40		.		
3	4.07		.		
4	0.68		.		
5	7.90		.		
6	2.15		.		

PREVIEW

My name _____



Read the number. Write it in words.

Read and Write Decimals: Number to Words

tenths	hundredths	and	one	two	three	four

1 **0.4**

Write it in words

_____

2 **0.8**

Write it in words

_____

3 **0.25**

Write it in words

_____

4 **0.07**

Write it in words

_____

5 **0.63**

Write it in words

_____

6 **1.5**

Write it in words

_____

PREVIEW

Divider Tab 2 of 3

Slide this sheet in front of the expanded form, thousandths and three-ways pages.



EXPANDED FORM AND THOUSANDTHS

Expanded form both ways, thousandths with zeros in them, the multiplying form and the same number three ways.

Pages 12-17

PREVIEW

My name _____



Add the parts. Write the number.

Read and Write Decimals: Expanded Form to Number

1 $0.3 + 0.06 =$ ☐

2 $0.5 + 0.02 =$ ☐

3 $4 + 0.7 + 0.08 =$ ☐

4 $7 + 0.05 =$ ☐

5 $20 + 3 + 0.9 =$ ☐

6 $50 + 0.6 + 0.04 =$ ☐

PREVIEW

My name _____



Read the words. Write the number.

Read and Write Decimals: Words to Thousandths

1 nine hundred twelve thousandths = ☐

2 three and forty-five thousandths = ☐

3 seven thousandths = ☐

4 eight and two hundred six thousandths = ☐

5 twenty-six and nine hundredths = ☐

6 fourteen and eight tenths = ☐

PREVIEW

Divider Tab 3 of 3

Slide this sheet in front of the cut-and-match pages, the blank template and the words page.



CUT, MATCH, GLUE AND TALK

Cut and glue to match words, numbers and expanded forms, a blank page for any number, and the words to talk about it.

Pages 19-23

PREVIEW

My name _____



✂ Cut the numbers. Glue each one by its words.

Read and Write Decimals: Cut and Match: Numbers

eight hundredths	two and three tenths	five and sixty-four hundredths
one hundred seventy-five thousandths	seven and four hundredths	ten and six tenths

2.3	0.08	0.175
10.6	5.64	7.04

PREVIEW

My name _____



Write a number. Fill in the columns and the words.

Read and Write Decimals: Your Own Numbers

	My number	Tens	Ones		Tenths	Hundredths	Thousandths
1				.			
2				.			
3				.			
4				.			
5				.			

Word form _____

Expanded form _____

PREVIEW

Preview · Bright Path Sped

Answer Key 1

Each answer is for the problem number on its page. A number such as 4.5 and 4.50 name the same amount.

Page 7: Digits in Columns

1) 0.25: ones **0**, tenths **2**, hundredths **5**
2) 3.40: ones **3**, tenths **4**, hundredths **0**
3) 4.07: ones **4**, tenths **0**, hundredths **7**
4) 0.68: ones **0**, tenths **6**, hundredths **8**
5) 7.90: ones **7**, tenths **9**, hundredths **0**
6) 2.15: ones **2**, tenths **1**, hundredths **5**

Page 8: Columns to Number

1) **0.482**: the ringed digit is in the **tenths** place
2) **6.305**: the ringed digit is in the **thousandths** place
3) **12.067**: the ringed digit is in the **hundredths** place
4) **3.841**: the ringed digit is in the **hundredths** place
5) **25.109**: the ringed digit is in the **tenths** place
6) **0.076**: the ringed digit is in the **thousandths** place

Page 9: Number to Words

1) 0.4 = **four tenths**
2) 0.8 = **eight tenths**
3) 0.25 = **twenty-five hundredths**
4) 0.07 = **seven hundredths**
5) 0.63 = **sixty-three hundredths**
6) 1.5 = **one and five tenths**

Page 10: Words to Number

1) seven tenths = **0.7**
2) three tenths = **0.3**
3) forty-five hundredths = **0.45**
4) nine hundredths = **0.09**
5) fifty-eight hundredths = **0.58**
6) two and four tenths = **2.4**
7) six hundredths = **0.06**
8) one and twenty-five hundredths = **1.25**

Page 12: Number to Expanded Form

1) 0.47 = **0.4 + 0.07**
2) 0.83 = **0.8 + 0.03**
3) 3.25 = **3 + 0.2 + 0.05**
4) 6.09 = **6 + 0.09**
5) 12.4 = **10 + 2 + 0.4**
6) 40.31 = **40 + 0.3 + 0.01**

Page 13: Expanded Form to Number

1) 0.3 + 0.06 = **0.36**
2) 0.5 + 0.02 = **0.52**
3) 4 + 0.7 + 0.08 = **4.78**
4) 7 + 0.05 = **7.05**
5) 20 + 3 + 0.9 = **23.9**
6) 50 + 0.6 + 0.04 = **50.64**

Page 14: Thousandths to Words

1) 0.305 = **three hundred five thousandths**
2) 0.047 = **forty-seven thousandths**
3) 2.006 = **two and six thousandths**
4) 4.050 = **four and fifty thousandths**
5) 12.381 = **twelve and three hundred eighty-one thousandths**
6) 0.608 = **six hundred eight thousandths**

PREVIEW

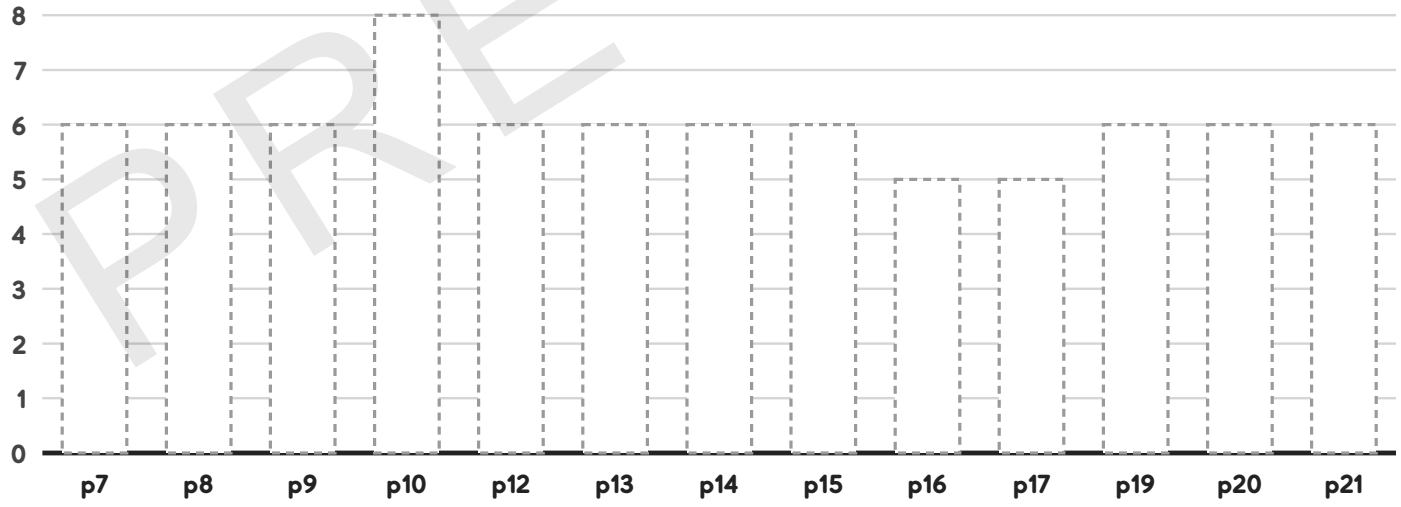
Tracker and Roll-Up

Write the date and how many were right. Then color the column for that sheet. A blank row means not done yet, never wrong.

Student _____ Teacher _____ School year _____

Page	Sheet	Date	Right	Out of	Notes
7	Digits in Columns			6	
8	Columns to Number			6	
9	Number to Words			6	
10	Words to Number			8	
12	Number to Expanded Form			6	
13	Expanded Form to Number			6	
14	Thousandths to Words			6	
15	Words to Thousandths			6	
16	Expanded Form With Multiplying			5	
17	Same Number, Three Ways			5	
19	Cut and Match: Words			6	
20	Cut and Match: Numbers			6	
21	Cut and Match: Expanded Form			6	

Roll-up: color one column for each sheet, up to the number right. The dashed box is the most it can be.



Notes for the team

PREVIEW

Decimals at Home

Send this page home with a child, or hand it to a family at a conference.

Student _____ Week of _____

How to help at home, in three steps

- Find a decimal together: a race time, a score, a measuring cup, a ruler, a number on a package.
- Say it out loud. The dot says "and," and the last place tells the ending: tenths, hundredths or thousandths.
- Write it three ways in the boxes below: the number, the words and the parts added together.

Our family decimal

The decimal we found

Where we found it

In words

The parts added together

Try saying

- "Which digit is in the tenths place? How do you know?"
- "Can you say it with words, and then write it as parts that add up?"

Note from the teacher

Note from home

PREVIEW