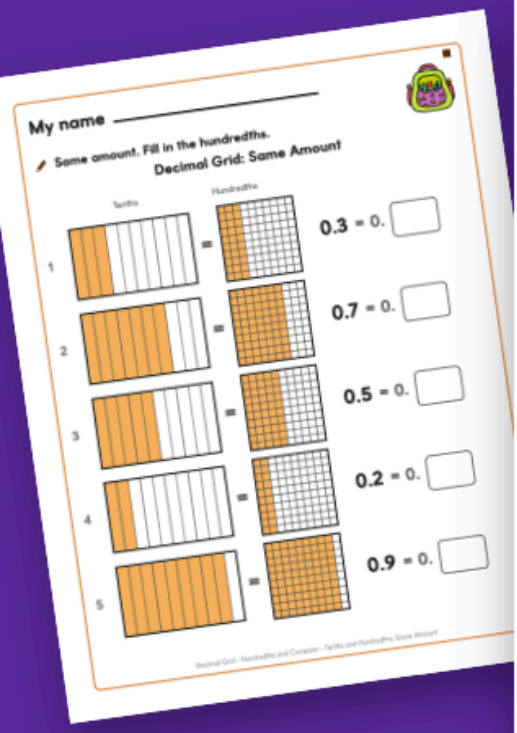
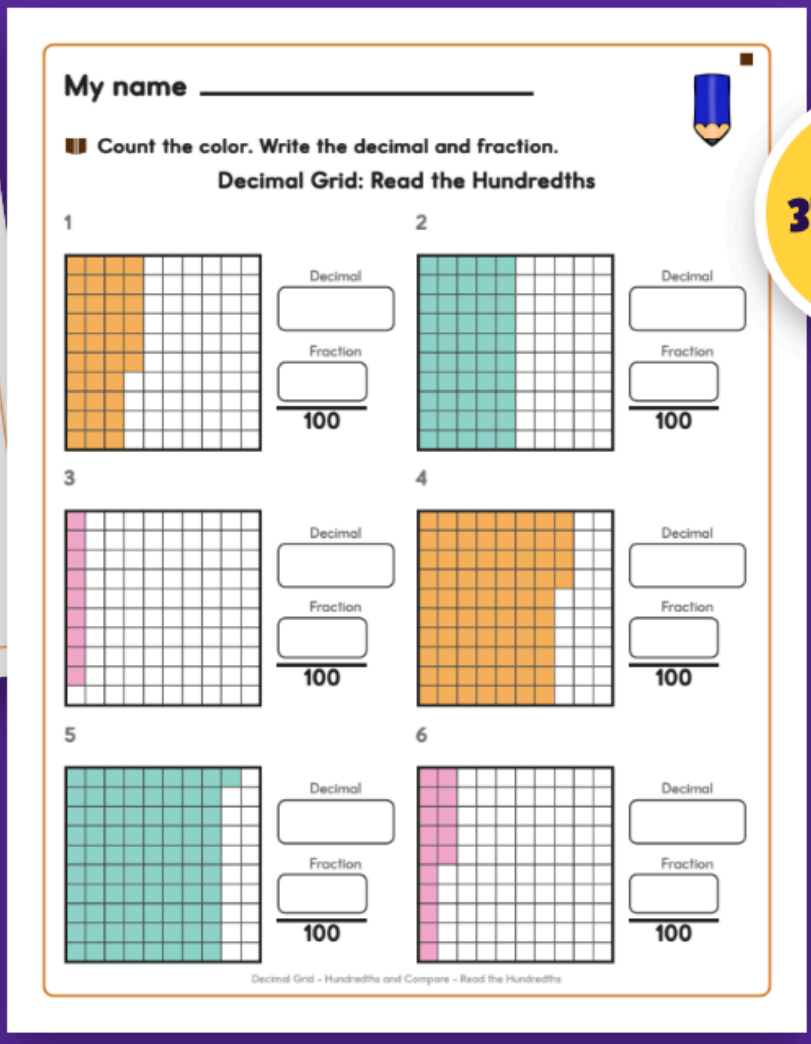
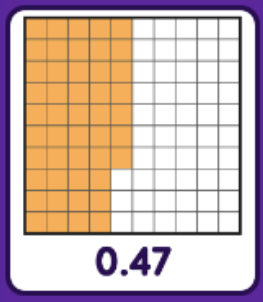
DECIMAL GRID WORKSHEETS

Tenths and Hundredths, Grades 4-5





31 PAGES



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 number box are type-in fields. The grids are printed pictures: print the page and let students color the squares with a crayon or a marker.
- 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 squares stay big enough for small hands to color. Every page prints in color or in black and white. The shaded squares are a light tint, and in black and white they print light gray against white squares, so a child can still tell shaded from empty.

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?

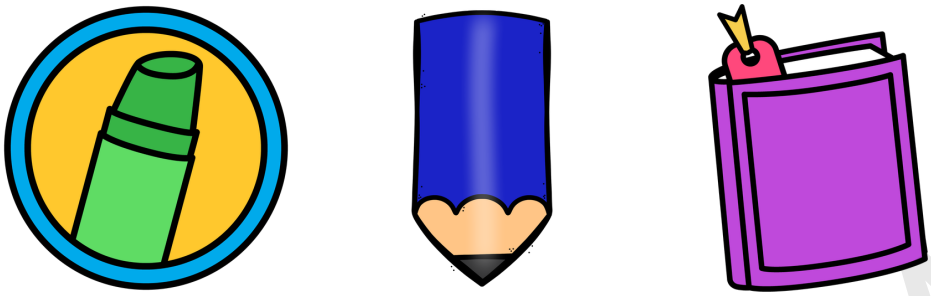
If a box will not behave or a page will not print the way you expect, use Ask a Question on the product page before leaving a review. Every question is read, and a fix to the file ships as a free update: re-download it any time from My Purchases.

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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, 10 and 18).



DECIMAL GRID WORKSHEETS

tenths and hundredths

Name

Class or group

School year

PREVIEW

Decimal Grid Worksheets - Bright Path Sped

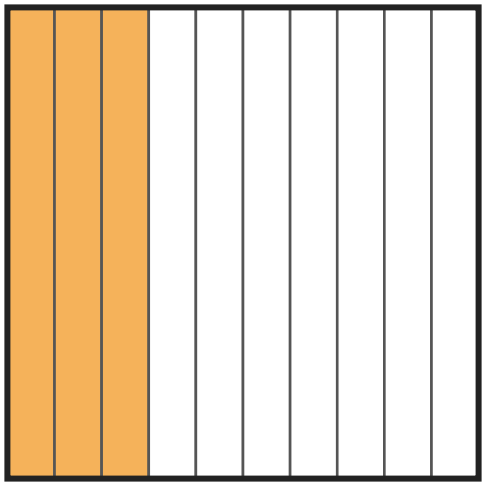
Spine strip: fold it around the spine of a one-inch binder, or tape it flat to a folder edge.

My name _____

Read the examples. Then try one.

Decimal Grid: Read a Grid

Tenths: 10 columns

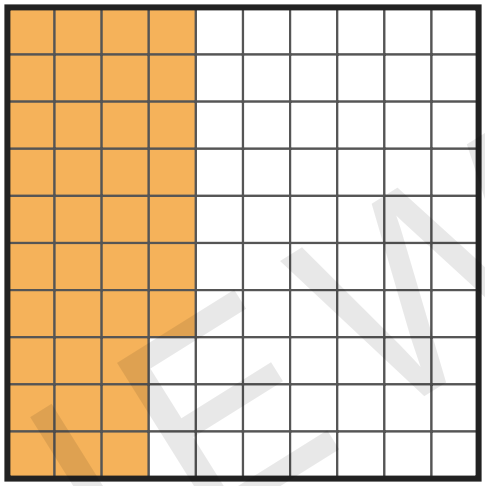


3 of 10 columns are shaded.

Decimal: **0.3** Fraction: $\frac{3}{10}$

Words: **three tenths**

Hundredths: 100 squares

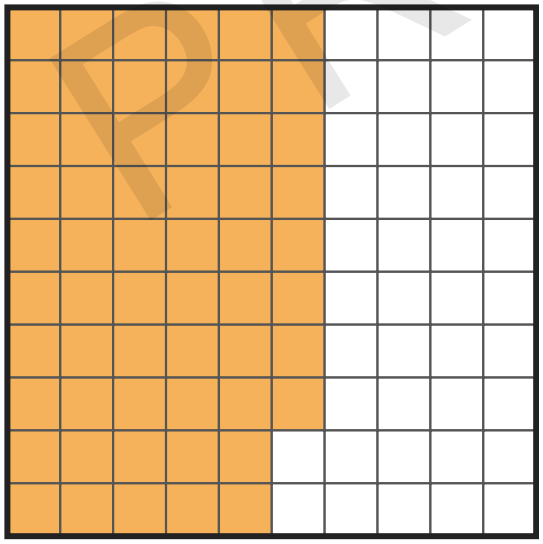


37 of 100 squares are shaded.

Decimal: **0.37** Fraction: $\frac{37}{100}$

Words: **thirty-seven hundredths**

Your turn. Read this grid.



Decimal

Fraction

$\frac{\quad}{100}$

Words

_____

_____

PREVIEW

My name _____



Color the tenths. Write the decimal.

Decimal Grid: Shade the Tenths

1 $\frac{3}{10}$ = _____

2 $\frac{7}{10}$ = _____

3 $\frac{5}{10}$ = _____

4 $\frac{1}{10}$ = _____

5 $\frac{9}{10}$ = _____

6 $\frac{4}{10}$ = _____

PREVIEW

My name _____



Compare the two. Write the symbol.

Decimal Grid: Compare Tenths

< less than > greater than = equal to

1. 0.3 [ ] 0.5



2. 0.8 [ ] 0.2



3. 0.6 [ ] 0.6



4. 0.1 [ ] 0.4



5. 0.9 [ ] 0.7



6. 0.4 [ ] 0.4



PREVIEW

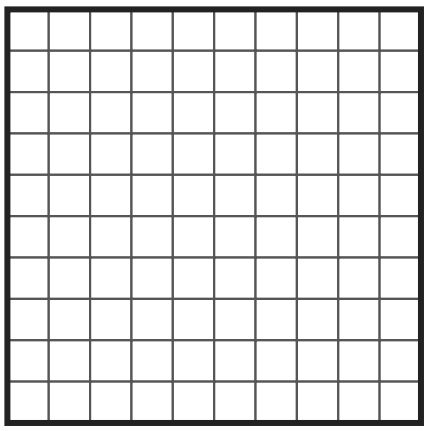
My name _____



Color the squares. Write the fraction.

Decimal Grid: Shade the Hundredths

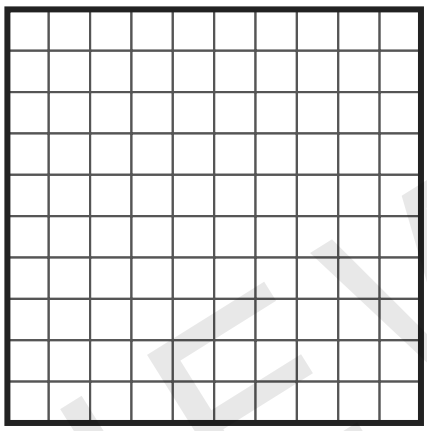
1 **0.25**



Fraction

$\frac{\square}{100}$

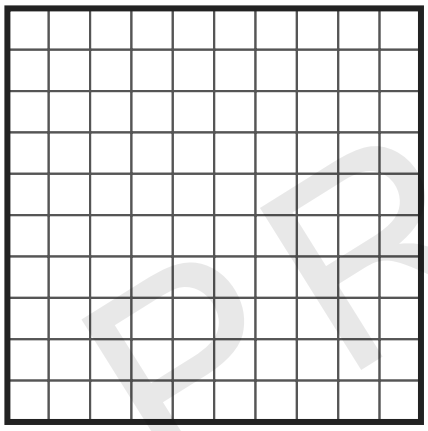
2 **0.40**



Fraction

$\frac{\square}{100}$

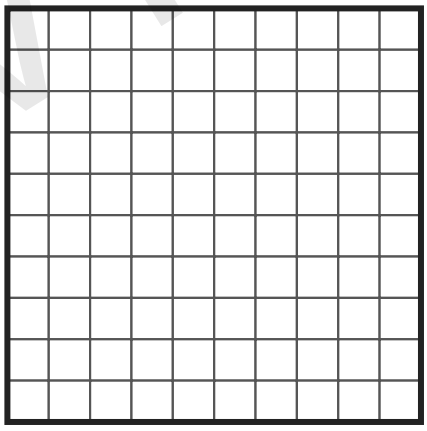
3 **0.07**



Fraction

$\frac{\square}{100}$

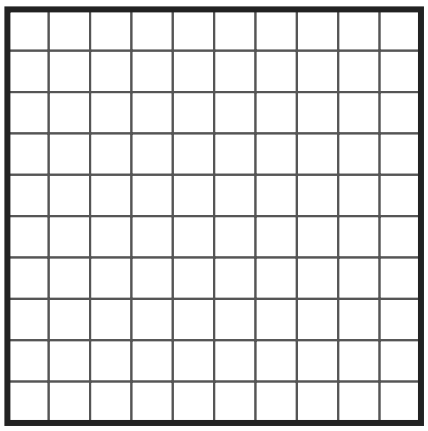
4 **0.63**



Fraction

$\frac{\square}{100}$

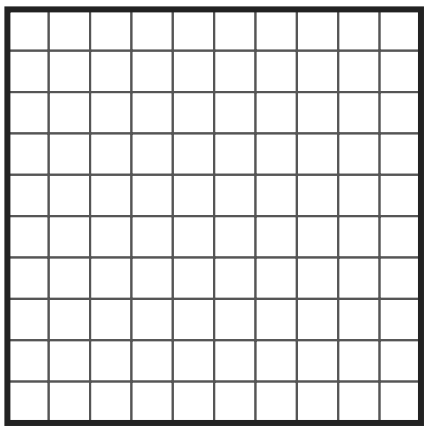
5 **0.88**



Fraction

$\frac{\square}{100}$

6 **0.12**



Fraction

$\frac{\square}{100}$

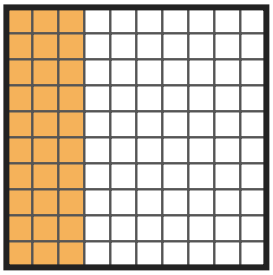
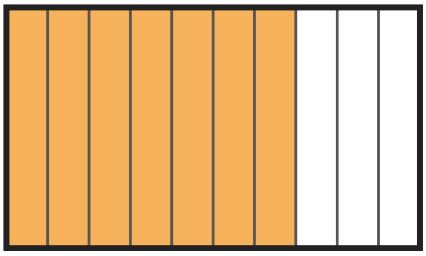
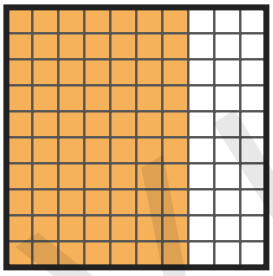
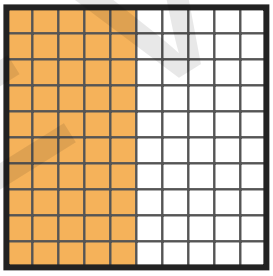
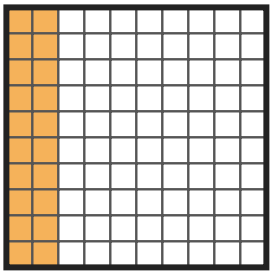
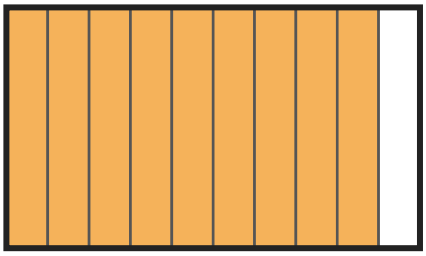
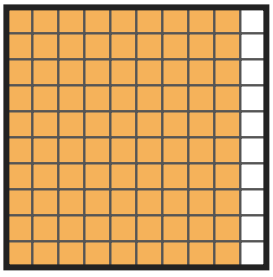
PREVIEW

My name _____



Same amount. Fill in the hundredths.

Decimal Grid: Same Amount

	Tenths		Hundredths	
1		=		0.3 = 0. ☐
2		=		0.7 = 0. ☐
3		=		0.5 = 0. ☐
4		=		0.2 = 0. ☐
5		=		0.9 = 0. ☐

PREVIEW

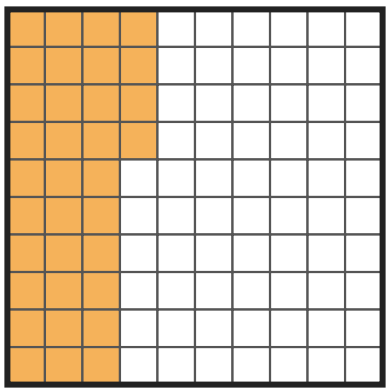
My name _____

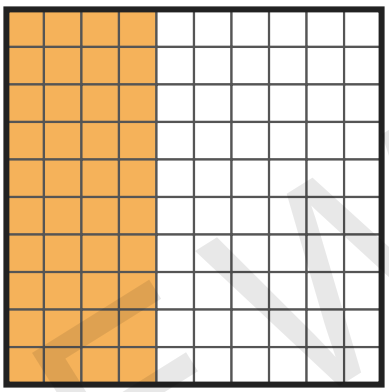
Write each decimal. Then compare.

Decimal Grid: Compare and Write

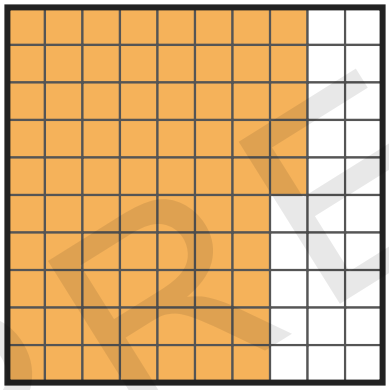
< less than > greater than = equal to

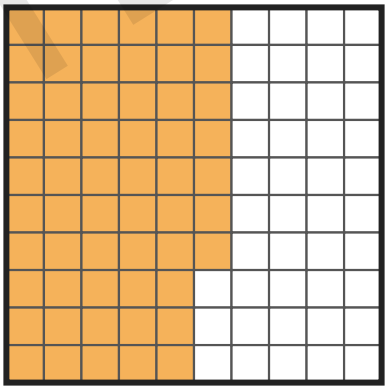
1



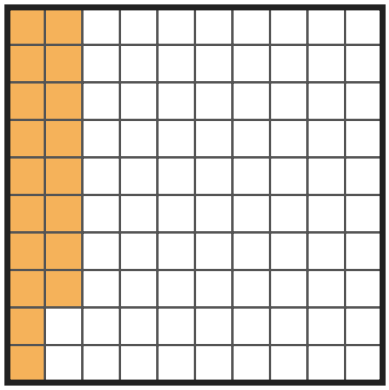


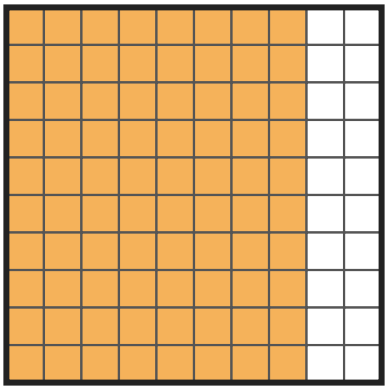
2





3





PREVIEW

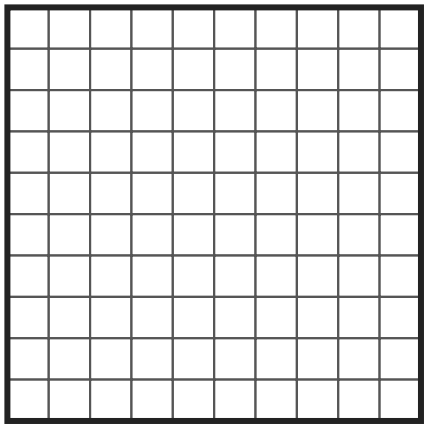
My name _____



Read the words. Color the squares.

Decimal Grid: Shade from Words

1 twenty-three hundredths

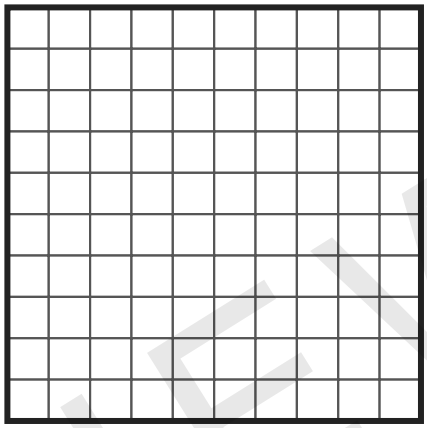


Decimal

Fraction

100

2 six tenths

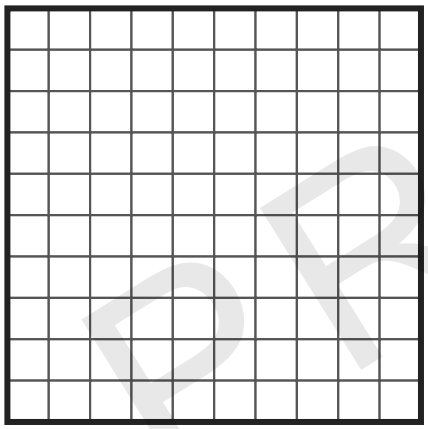


Decimal

Fraction

100

3 four hundredths

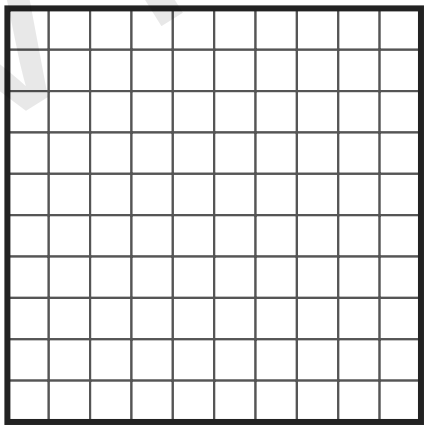


Decimal

Fraction

100

4 seventy-five hundredths

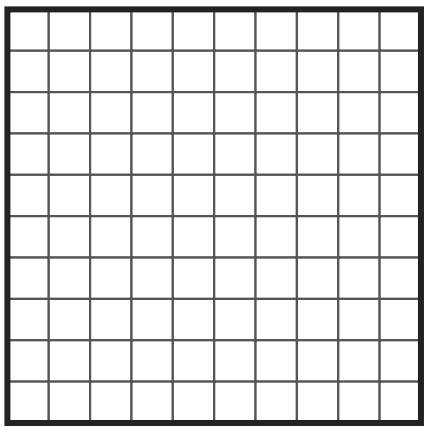


Decimal

Fraction

100

5 nine tenths

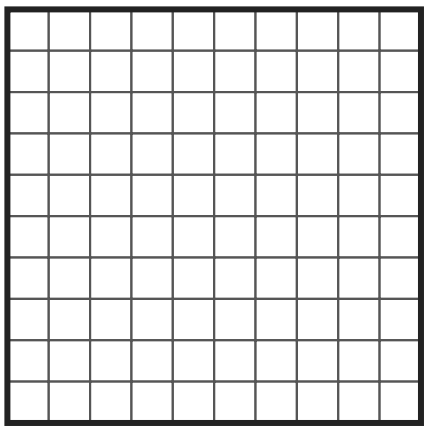


Decimal

Fraction

100

6 thirty-eight hundredths



Decimal

Fraction

100

PREVIEW

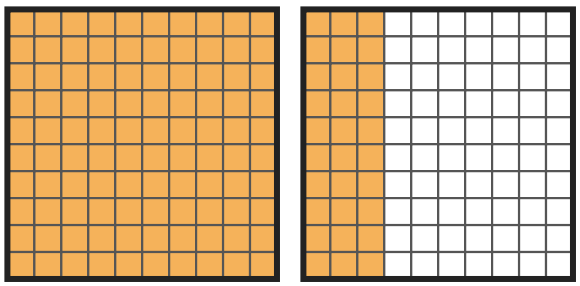
My name _____



Count the whole grids and the extra. Write the number.

Decimal Grid: Past One

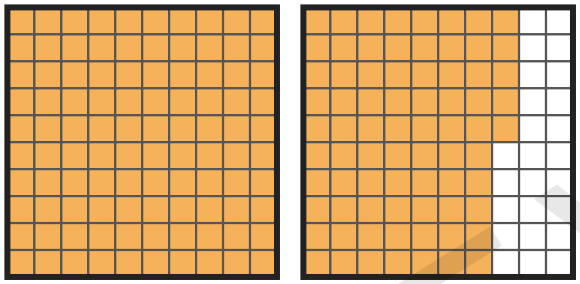
1



Decimal

_____ and _____/100

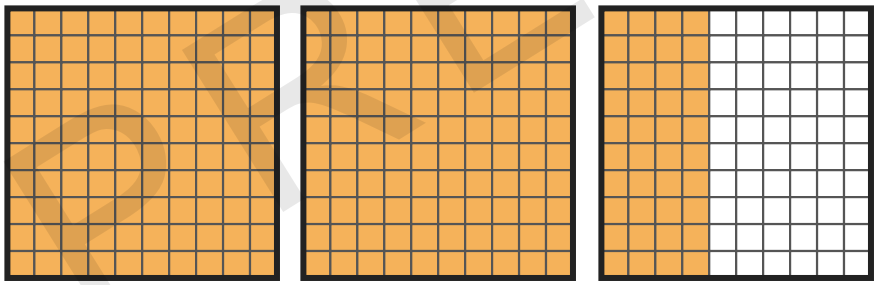
2



Decimal

_____ and _____/100

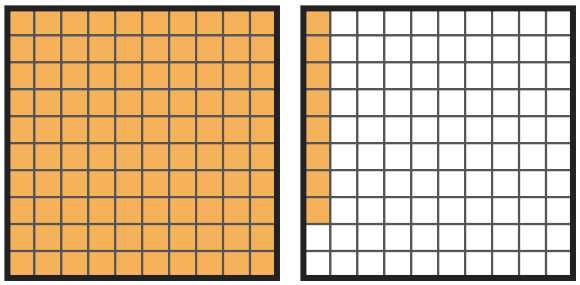
3



Decimal

_____ and _____/100

4



Decimal

_____ and _____/100

PREVIEW

My name _____



Color a number. Write what you made.

Decimal Grid: Blank Tenths Grids

		Decimal	Fraction
1			/10
2			/10
3			/10
4			/10
5			/10
6			/10
7			/10
8			/10

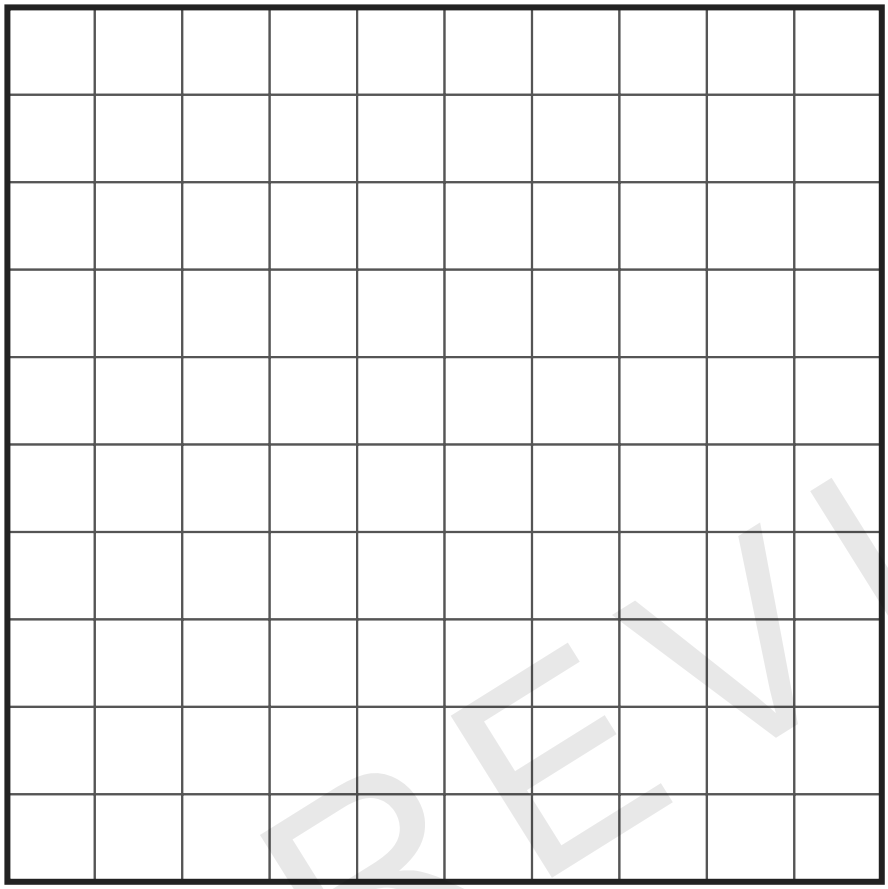
PREVIEW

My name _____



Color a number. Tell about it.

Decimal Grid: One Big Blank Grid



Decimal

Fraction

100

Words

Tell about my grid

PREVIEW

Answer Key 1

Each answer is for the problem number on its page. A shaded grid fills each column from the top, left to right.

Page 7: Shade the Tenths

1) $\frac{3}{10}$ = **0.3**: color 3 columns
2) $\frac{7}{10}$ = **0.7**: color 7 columns
3) $\frac{5}{10}$ = **0.5**: color 5 columns
4) $\frac{1}{10}$ = **0.1**: color 1 column
5) $\frac{9}{10}$ = **0.9**: color 9 columns
6) $\frac{4}{10}$ = **0.4**: color 4 columns

Page 8: Read the Tenths

1) 6 columns: $\frac{6}{10}$ = **0.6**
2) 2 columns: $\frac{2}{10}$ = **0.2**
3) 8 columns: $\frac{8}{10}$ = **0.8**
4) 1 column: $\frac{1}{10}$ = **0.1**
5) 5 columns: $\frac{5}{10}$ = **0.5**
6) 7 columns: $\frac{7}{10}$ = **0.7**

Page 9: Compare Tenths

1) 0.3 and 0.5: **less than <**
2) 0.8 and 0.2: **greater than >**
3) 0.6 and 0.6: **equal to =**
4) 0.1 and 0.4: **less than <**
5) 0.9 and 0.7: **greater than >**
6) 0.4 and 0.4: **equal to =**

Page 11: Shade the Hundredths

1) 0.25 = $\frac{25}{100}$: 25 squares
2) 0.40 = $\frac{40}{100}$: 40 squares
3) 0.07 = $\frac{7}{100}$: 7 squares
4) 0.63 = $\frac{63}{100}$: 63 squares
5) 0.88 = $\frac{88}{100}$: 88 squares
6) 0.12 = $\frac{12}{100}$: 12 squares

Page 12: Read the Hundredths

1) 36 squares: **0.36** = $\frac{36}{100}$
2) 50 squares: **0.5** = $\frac{50}{100}$ (0.50 is also right)
3) 9 squares: **0.09** = $\frac{9}{100}$
4) 74 squares: **0.74** = $\frac{74}{100}$
5) 81 squares: **0.81** = $\frac{81}{100}$
6) 15 squares: **0.15** = $\frac{15}{100}$

Page 13: Tenths and Hundredths, Same Amount

1) 0.3 = 0.**30**: 3 columns = 30 squares
2) 0.7 = 0.**70**: 7 columns = 70 squares
3) 0.5 = 0.**50**: 5 columns = 50 squares
4) 0.2 = 0.**20**: 2 columns = 20 squares
5) 0.9 = 0.**90**: 9 columns = 90 squares

PREVIEW

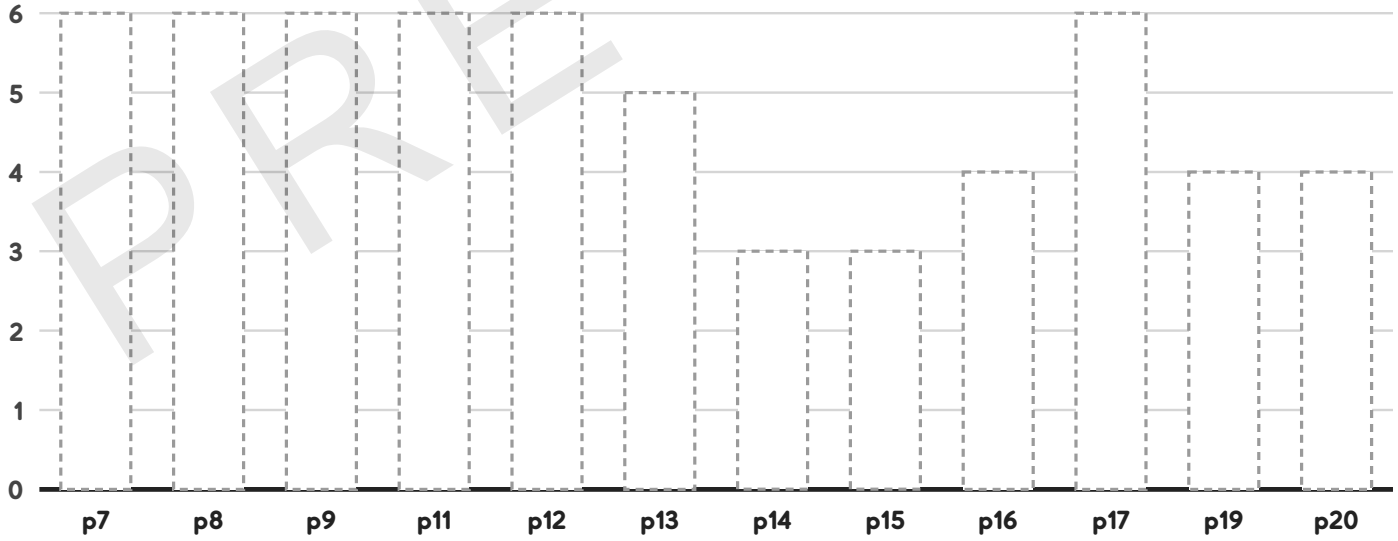
Tracker and Roll-Up

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	Shade the Tenths			6	
8	Read the Tenths			6	
9	Compare Tenths			6	
11	Shade the Hundredths			6	
12	Read the Hundredths			6	
13	Tenths and Hundredths, Same Amount			5	
14	Compare the Grids			3	
15	Compare and Write			3	
16	Read the Grid, Write It Three Ways			4	
17	Shade from the Words			6	
19	Past One: Read the Grids			4	
20	Past One: Shade the Grids			4	

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

Decimal Grids at Home

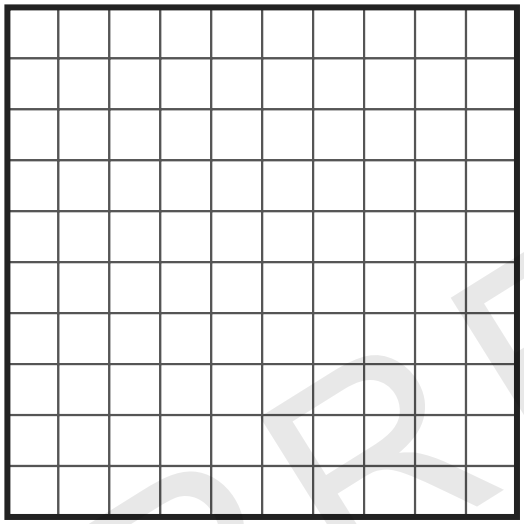
Send this page home with a child, or hand it to a family at a conference.

Student _____ Week of _____

How to help at home, in three steps

- Pick a number such as 0.4 or 0.25. Say it out loud with your child.
- Color that much of the grid. Each little square is one hundredth, and a whole column is one tenth.
- Count the squares you colored and write the number in the box. Then read it back.

Our family grid



Our number

Squares colored

In words

_____

_____

Try saying

- "How many squares are colored? What part of the grid is that?"
- "Which grid has more colored? How do you know?"

Note from the teacher

Note from home

PREVIEW