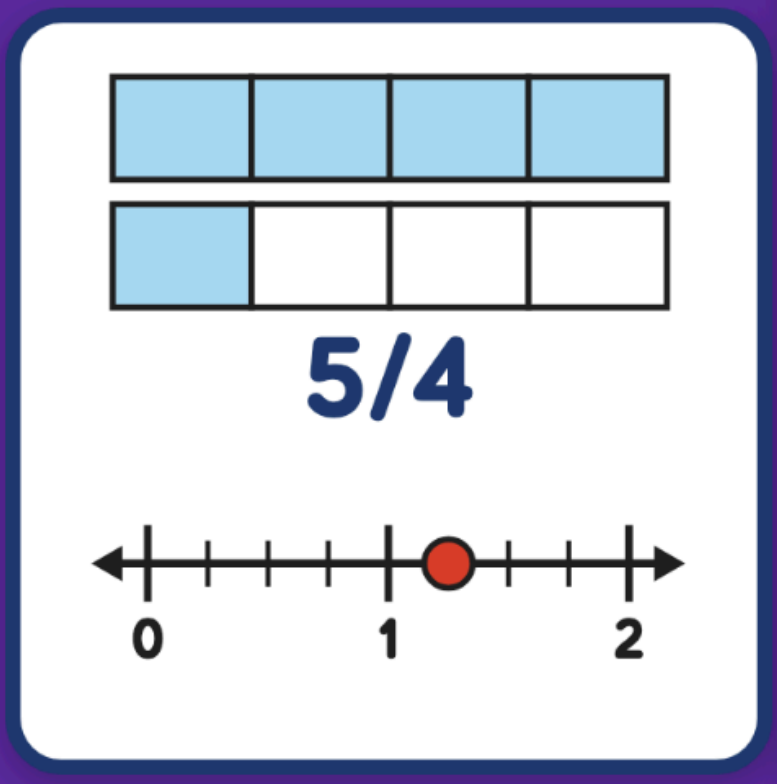
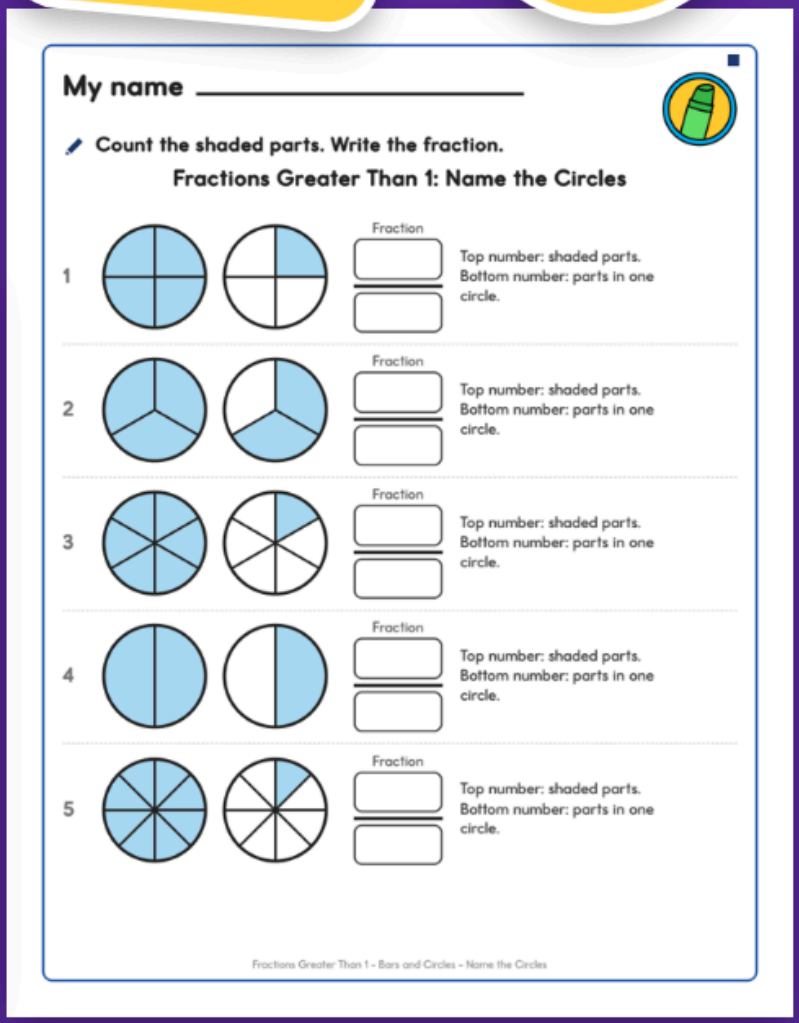
FRACTIONS GREATER THAN 1

Number Lines and Models, Grades 3-4

17 SHEETS

WITH KEYS




My name _____

Count the shaded parts. Write the fraction.

Fractions Greater Than 1: Name the Circles

		Fraction	
1			Top number: shaded parts. Bottom number: parts in one circle.
2			Top number: shaded parts. Bottom number: parts in one circle.
3			Top number: shaded parts. Bottom number: parts in one circle.
4			Top number: shaded parts. Bottom number: parts in one circle.
5			Top number: shaded parts. Bottom number: parts in one circle.

Fractions Greater Than 1 - Bars and Circles - Name the Circles

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 bars, circles and number lines are printed: print the page and let students shade the parts and draw the dots with a crayon or a pencil.
- 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 parts stay big enough for small hands to shade and the tick marks stay easy to count. Every page prints in color or in black and white; the shaded parts are a light tint and print light gray, so a child can still tell shaded from plain.

Student work

A page a student has filled in carries a 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

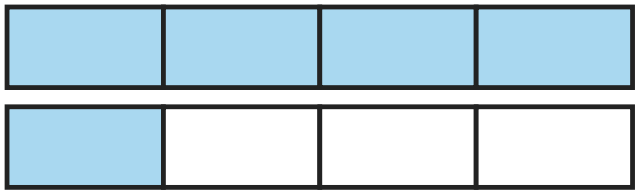
My name _____



Read the examples. Then try one.

Fractions Greater Than 1: Read the Models

Bars: each bar is 1 whole

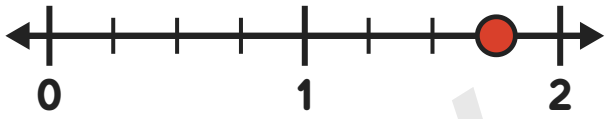


Each bar is cut into **4** equal parts. **5** parts are shaded.

Fraction: $\frac{5}{4}$ Words: **five fourths**

It is more than 1 whole bar.

Number line: count the parts from 0

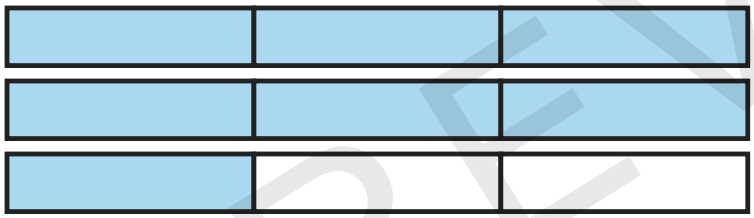


The dot is at the **7th** mark of fourths.

Fraction: $\frac{7}{4}$ Words: **seven fourths**

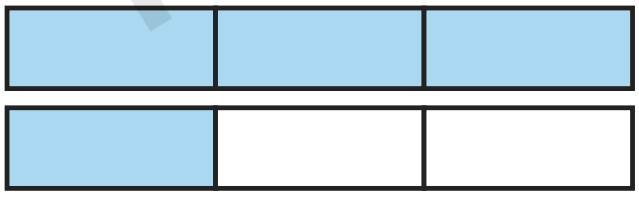
It is past the 1.

Bars: more than 2 wholes



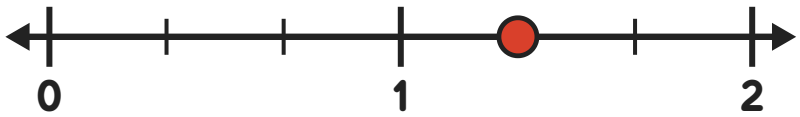
7 of the thirds are shaded. Fraction: $\frac{7}{3}$ Words: **seven thirds**

Your turn. The same fraction, two ways.



Write the fraction for the shaded bars.

$\frac{\square}{\square}$



Write the fraction at the dot.

$\frac{\square}{\square}$

PREVIEW

My name _____



Shade the parts to match the fraction.

Fractions Greater Than 1: Shade the Bars

1 

$\frac{5}{4}$ Shade 5 parts.

2 

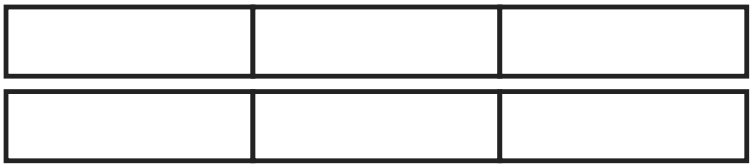
$\frac{3}{2}$ Shade 3 parts.

3 

$\frac{4}{3}$ Shade 4 parts.

4 

$\frac{7}{4}$ Shade 7 parts.

5 

$\frac{5}{3}$ Shade 5 parts.

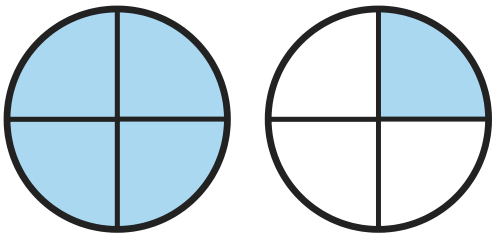
PREVIEW

My name _____

Count the shaded parts. Write the fraction.

Fractions Greater Than 1: Name the Circles

1

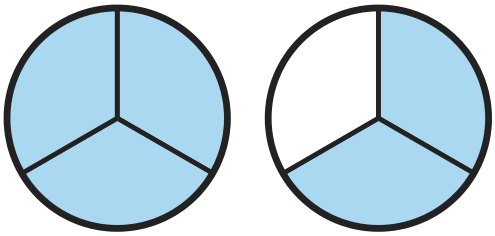


Fraction

$\frac{\square}{\square}$

Top number: shaded parts.
Bottom number: parts in one circle.

2

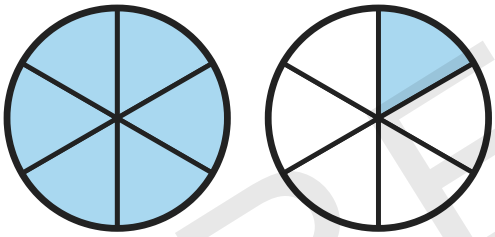


Fraction

$\frac{\square}{\square}$

Top number: shaded parts.
Bottom number: parts in one circle.

3

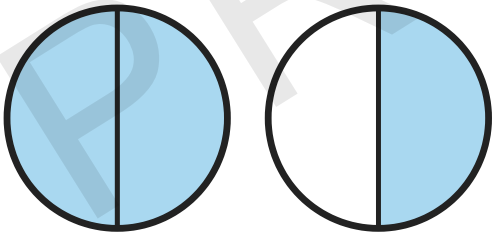


Fraction

$\frac{\square}{\square}$

Top number: shaded parts.
Bottom number: parts in one circle.

4

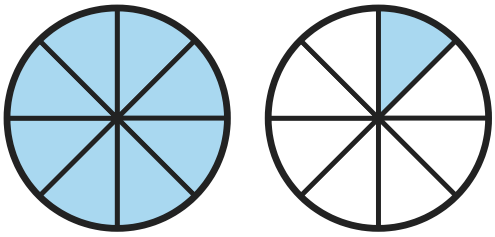


Fraction

$\frac{\square}{\square}$

Top number: shaded parts.
Bottom number: parts in one circle.

5



Fraction

$\frac{\square}{\square}$

Top number: shaded parts.
Bottom number: parts in one circle.

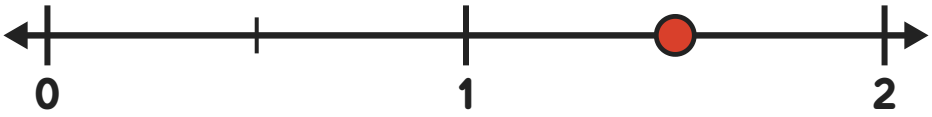
PREVIEW

My name _____

Count from 0. Write the fraction at the dot.

Fractions Greater Than 1: Name the Dot

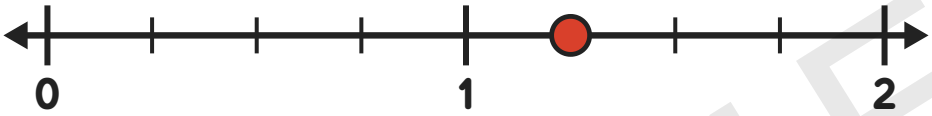
1



Fraction

$\frac{\square}{2}$

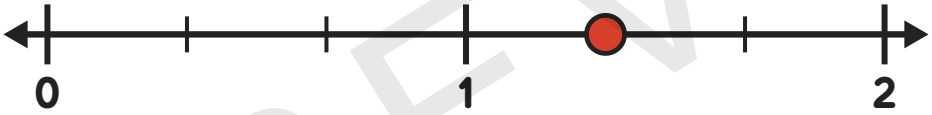
2



Fraction

$\frac{\square}{4}$

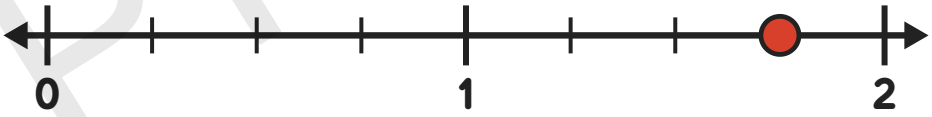
3



Fraction

$\frac{\square}{3}$

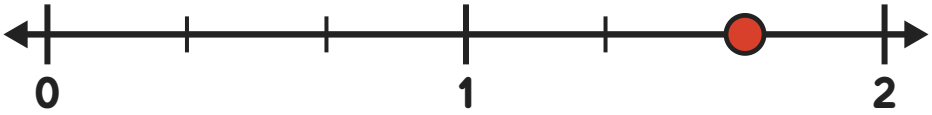
4



Fraction

$\frac{\square}{4}$

5



Fraction

$\frac{\square}{3}$

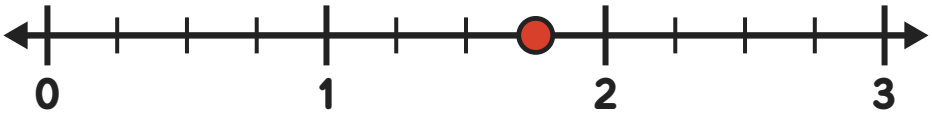
PREVIEW

My name _____

Count from 0. Write the fraction at the dot.

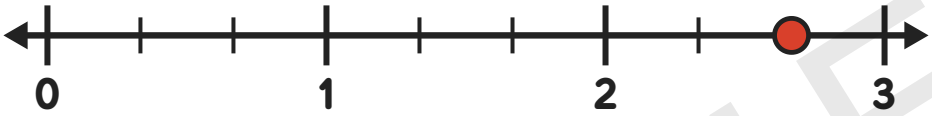
Fractions Greater Than 1: Name the Dot, Long Lines

1



Fraction

2



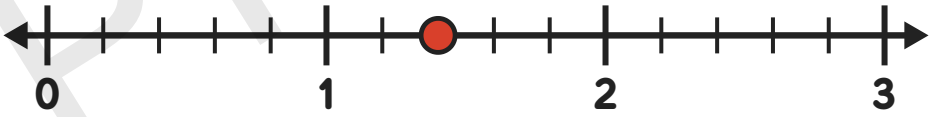
Fraction

3



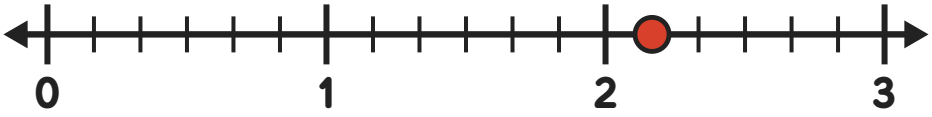
Fraction

4



Fraction

5



Fraction

PREVIEW

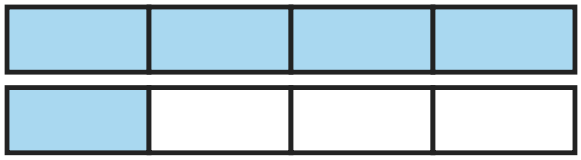
My name _____



Compare each fraction to 1. Write the symbol.

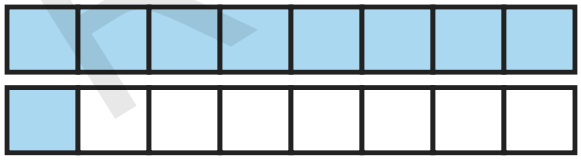
Fractions Greater Than 1: Compare to 1

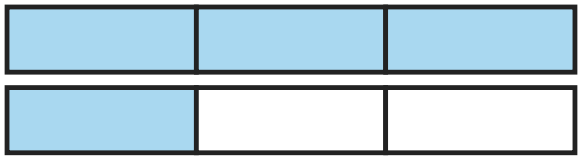
< less than > greater than = equal to

1 $\frac{5}{4}$  ☐ 1

2 $\frac{3}{4}$  ☐ 1

3 $\frac{6}{6}$  ☐ 1

4 $\frac{9}{8}$  ☐ 1

5 $\frac{4}{3}$  ☐ 1

PREVIEW

My name _____



Mark both. Then compare them.

Fractions Greater Than 1: Compare on a Number Line

< less than > greater than = equal to

1 $\frac{7}{4}$ ☐ $\frac{9}{4}$ Mark both on the line. Then compare.



2 $\frac{5}{3}$ ☐ $\frac{5}{4}$ Mark both on the line. Then compare.



3 $\frac{3}{2}$ ☐ $\frac{7}{6}$ Mark both on the line. Then compare.



4 $\frac{8}{6}$ ☐ $\frac{4}{3}$ Mark both on the line. Then compare.



PREVIEW

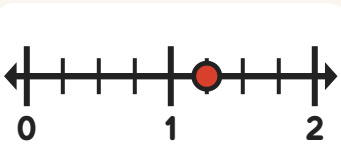
My name _____



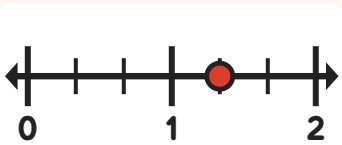
✂ Cut. Glue the fraction by its number line.

Fractions Greater Than 1: Cut and Glue the Fraction

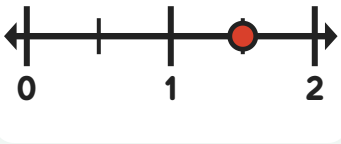
1



2



3



4



5



6



$\frac{5}{3}$	$\frac{4}{2}$	$\frac{7}{4}$	$\frac{5}{4}$	$\frac{3}{2}$	$\frac{4}{3}$

PREVIEW

My name _____



Use these words to talk about fractions.

Fractions Greater Than 1: Words and Sentences



Each bar has 4 equal parts. 7 parts are shaded.

Say it: **seven fourths**.

Write it: $\frac{7}{4}$ It is more than 1.

Words to use

whole	fraction	numerator	denominator
number line	tick mark	greater than	less than
equal to	more than 1	bar model	shaded

Finish the sentences

The bottom number tells how many equal parts are in _____ .

The top number tells how many parts are _____ .

_____ is greater than 1 because the top number is _____ .

On a number line, the dot is past the _____ mark.

_____ is greater than _____ because _____ .

To put fractions in order, I _____ .

PREVIEW

Answer Key 2

Each answer is for the problem number on its page.

Page 14: Compare to 1

1) 5/4: **greater than 1 >**
2) 3/4: **less than 1 <**
3) 6/6: **equal to 1 =**
4) 9/8: **greater than 1 >**
5) 4/3: **greater than 1 >**

Page 15: Compare Two Models

1) 5/4 and 7/4: **less than <**
2) 5/3 and 4/3: **greater than >**
3) 3/2 and 5/4: **greater than >**
4) 7/4 and 7/6: **greater than >**
5) 9/6 and 3/2: **equal to =**

Page 16: Compare on a Number Line

1) 7/4 and 9/4: **less than <**
2) 5/3 and 5/4: **greater than >**
3) 3/2 and 7/6: **greater than >**
4) 8/6 and 4/3: **equal to =**

Page 17: Put Them in Order

1) 5/4, 6/4, 7/4, 9/4
2) 4/3, 3/2, 5/3, 7/3
3) 9/8, 5/4, 3/2, 11/6

Page 18: Cut and Glue the Fraction

1) dot at 5/4: glue **5/4**
2) dot at 4/3: glue **4/3**
3) dot at 3/2: glue **3/2**
4) dot at 5/3: glue **5/3**
5) dot at 7/4: glue **7/4**
6) dot at 4/2: glue **4/2**

Page 19: Story Problems

1) **more than 1 cup**
2) **Pat**
3) **the board**
4) **between 2 and 3**

The page with no key

The words page (20) has sentences for students to finish in their own words, so there is no single answer. On the mark-the-fraction page and the compare-on-a-number-line page, check that each dot sits on the right tick mark. The cut pieces are in a shuffled strip, so each box has one piece.

Slips to watch for

- A student counts the tick marks instead of the parts between them, so the dot at 5/4 is named 6/4. Have them put a finger on 0 and count each jump.
- A student writes the number of bars as the top number. The top number counts every shaded part, across all the bars.
- A student says the bigger bottom number is the bigger fraction. Put both on the same number line and look.

PREVIEW