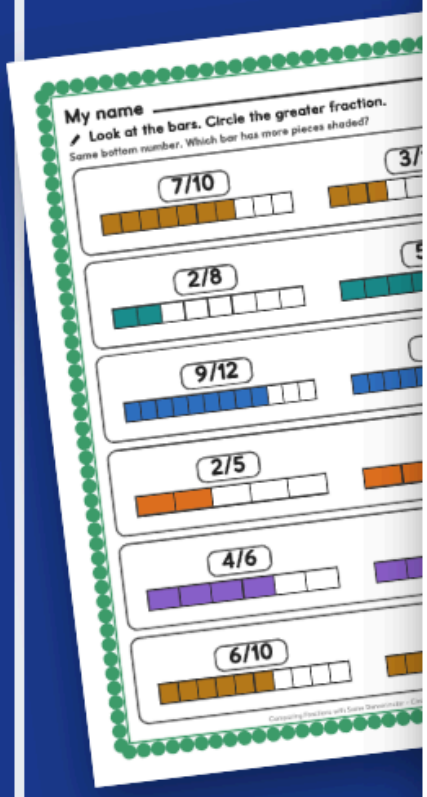
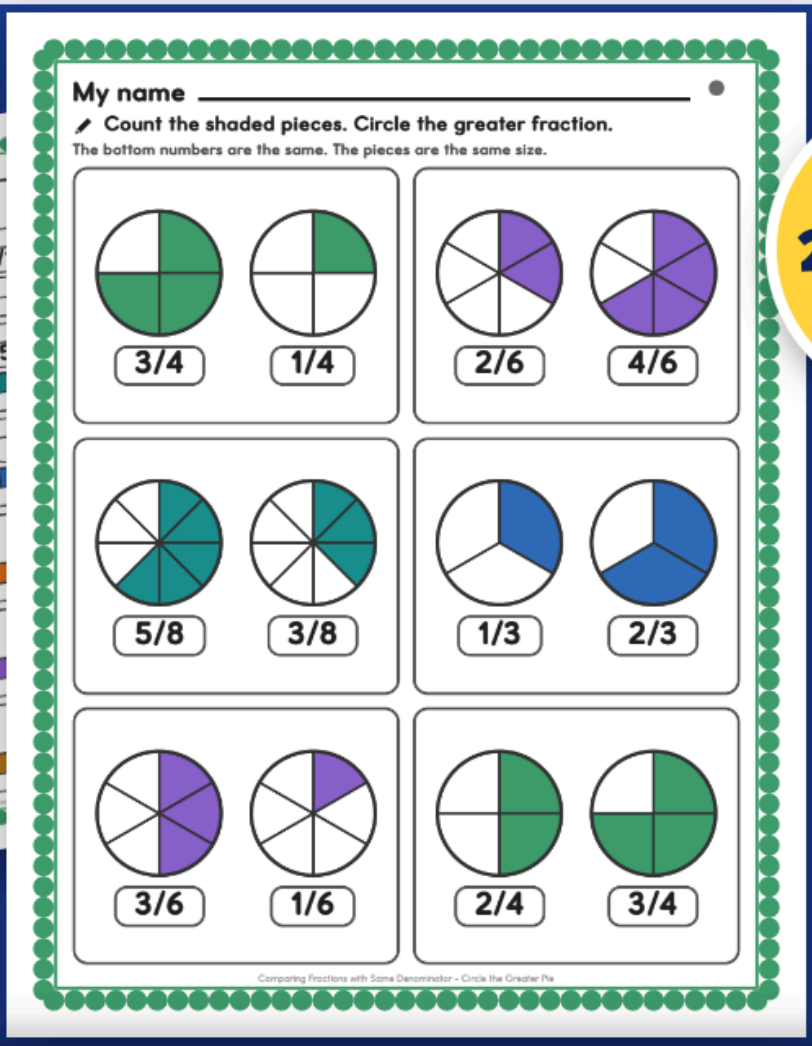
Bright Path Sped





27 PAGES

COMPARING FRACTIONS

SAME DENOMINATOR

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One classroom license

- This file is for one classroom: one teacher, one group of students.
- Please do not share it, post it online, or sell it.
- Extra licenses for a team or a school are available on the product page.

This is a fillable PDF

- Open it in a PDF reader (Adobe Acrobat Reader, Preview, or your browser), click into a line or a box, type, and Save As.
- The name lines, the answer blanks and sign boxes on the practice pages, the family note and every notes area are type-in fields. The posters and the bar and circle models are print pages. You can also print any page and write by hand.
- 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 cut pieces keep their size. Every page is readable in black and white, and the same bottom number poster comes in an ink-saver copy. Posters look best on cardstock; the cards children cut are fine on copy paper.

Need help?

If a field 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 an update.

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PREVIEW

How to Teach It: Four Short Routines

Each one takes a few minutes. Show the model first, then the numbers.

1. The bottom number names the size

- Show the same bottom number poster (page 5). Point to the bottom number of 2/4 and 3/4.
- Say: "Both have the same bottom number, so the pieces are the same size."

2. The top number counts the pieces

- Show the pies (page 7). Say: "The top number tells how many pieces are shaded."
- Children count the shaded pieces in each pie and read the top numbers.

3. Bigger top, more pieces

- Read the rule box together: the bigger the top number, the more pieces.
- Ask: "Which has more pieces shaded, 2/4 or 3/4? So which fraction is greater?"

4. Check it with a model

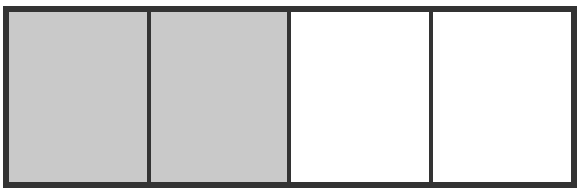
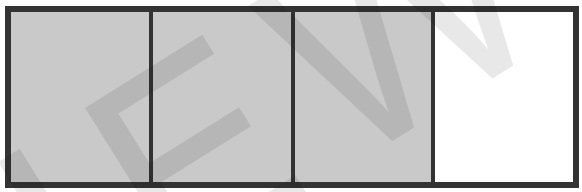
- On the shade page (page 12), children shade both bars first, then decide. On the number line page (page 11), the greater fraction is farther right.
- Send the family note home (page 26) so families can try it too.

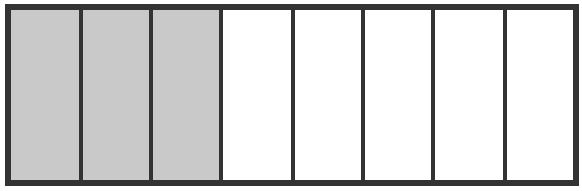
Notes on your day

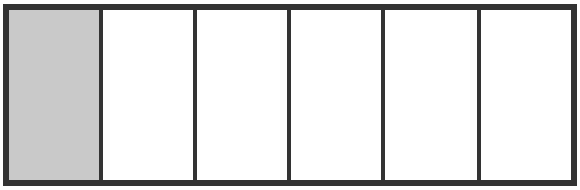
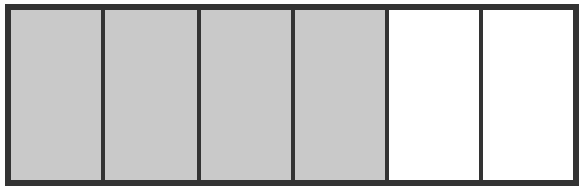
PREVIEW

SAME BOTTOM NUMBER

Same bottom number, same size pieces. Count the shaded pieces.

2/4  **<** **3/4** 

5/8  **>** **3/8** 

1/6  **<** **4/6** 

The bigger the top number,

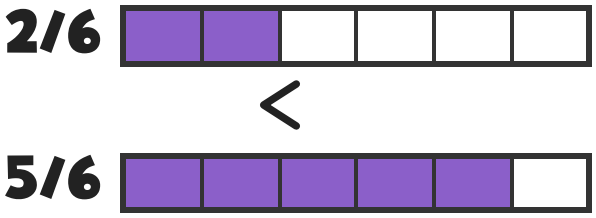
the greater the fraction.

PREVIEW

Preview - Bright Path Sped

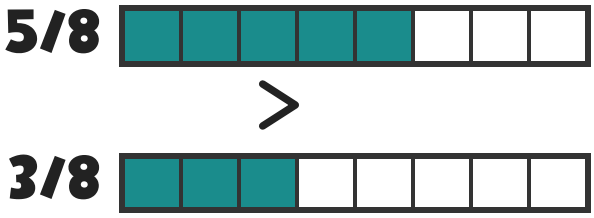
Cut the charts apart. Glue one in your notebook.

THE RULE



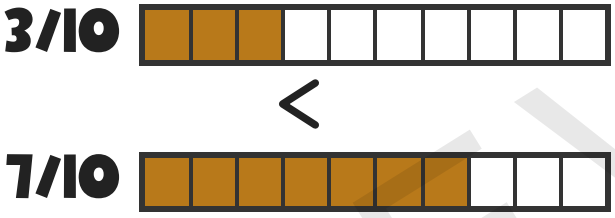
Same bottom number, same size pieces.

GREATER THAN



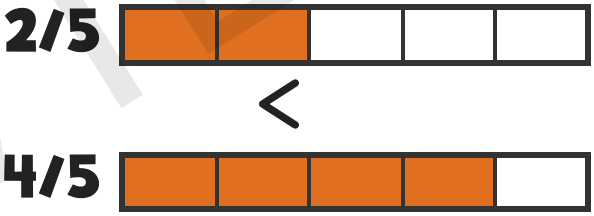
The sign opens toward the greater fraction.

LESS THAN



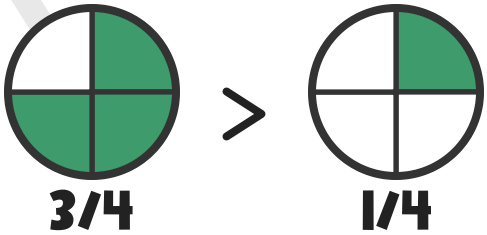
The sign points at the smaller fraction.

CHECK WITH A MODEL



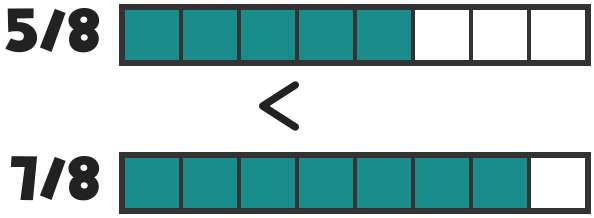
Shade both bars. Which has more pieces shaded?

CIRCLES TOO



Same bottom number, same size pieces.

SAY IT IN WORDS



5/8 is less than 7/8.

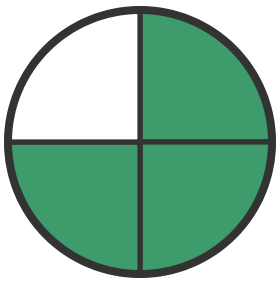
PREVIEW

Preview - Bright Path Sped

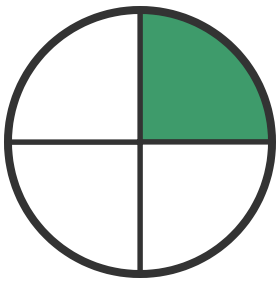
My name _____

Count the shaded pieces. Circle the greater fraction.

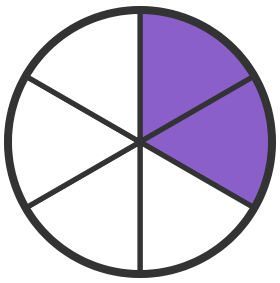
The bottom numbers are the same. The pieces are the same size.



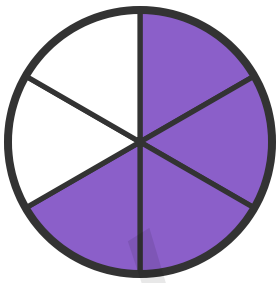
3/4



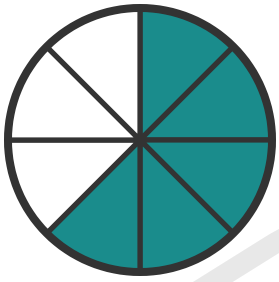
1/4



2/6



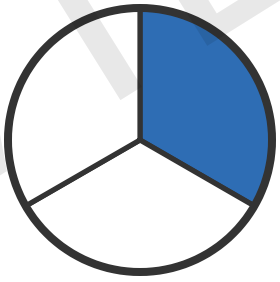
4/6



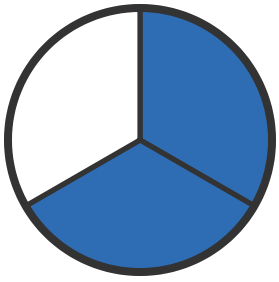
5/8



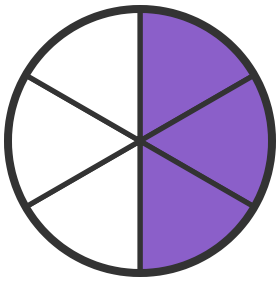
3/8



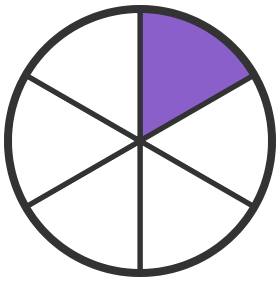
1/3



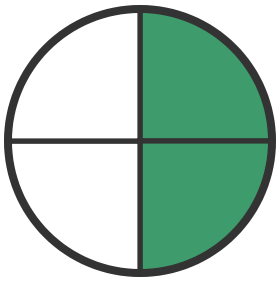
2/3



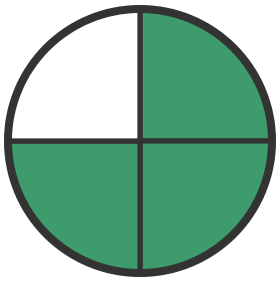
3/6



1/6



2/4



3/4

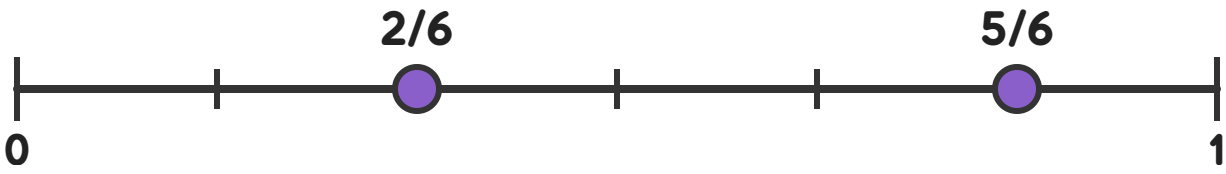
PREVIEW

Preview - Bright Path Sped

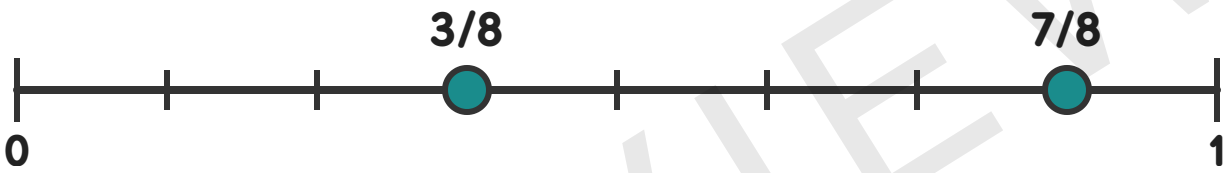
My name _____

Look at the two dots. Draw the sign in the box.

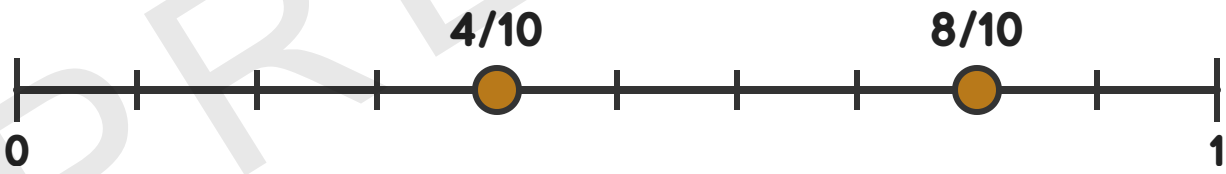
Same bottom number. The dot farther to the right is the greater fraction.



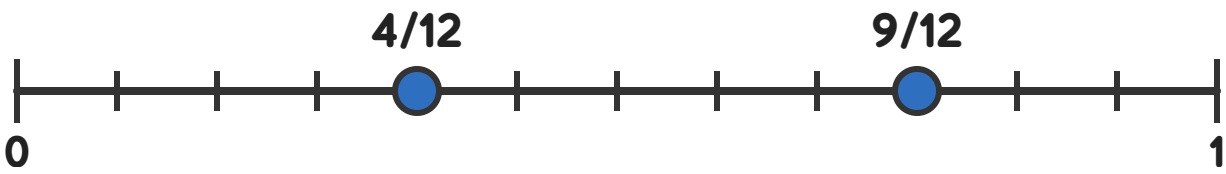
2/6 ☐ **5/6** 6 equal steps



7/8 ☐ **3/8** 8 equal steps



4/10 ☐ **8/10** 10 equal steps



9/12 ☐ **4/12** 12 equal steps

PREVIEW

Preview : Bright Path Sped

My name _____

Read the pair. Circle greater than or less than.

Check the bars. Which one has more pieces shaded?

5/8

3/8


5/8 is (greater than / less than) 3/8

2/6

4/6


2/6 is (less than / greater than) 4/6

7/10

3/10


7/10 is (greater than / less than) 3/10

5/12

9/12


5/12 is (less than / greater than) 9/12

1/3

2/3


1/3 is (greater than / less than) 2/3

3/4

2/4


3/4 is (less than / greater than) 2/4

PREVIEW

Preview : Bright Path Sped

My name _____

Glue each card from page 15 in the right box.

> greater than	< less than
glue here	glue here
glue here	glue here
glue here	glue here

PREVIEW

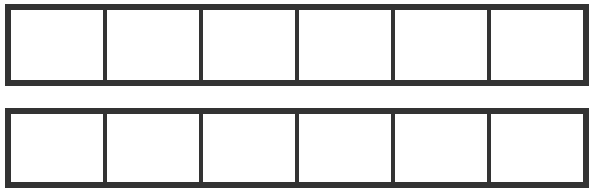
Preview : Bright Path Sped

My name _____

Shade both bars. Circle the greater fraction. Tell why.

2/6

5/6



Circle the greater fraction.

2/6 5/6

I know because _____

3/8

6/8



Circle the greater fraction.

3/8 6/8

I know because _____

4/10

7/10



Circle the greater fraction.

4/10 7/10

I know because _____

PREVIEW

Preview - Bright Path Sped

My name _____

Read the problem. Shade the bars. Write the answer.

All the names in these problems are invented.

Bed A is 7/10 planted. Bed B is 4/10 planted. The beds are the same size. Which bed has more planted?

Shade to help.

7/10

4/10

Show your work.

Answer: _____

Ava used 2/3 cup of oats. Leo used 1/3 cup of oats. Who used less?

Shade to help.

2/3

1/3

Show your work.

Answer: _____

Tray A is 5/12 full of paint. Tray B is 9/12 full of paint. The trays are the same size. Which tray has more paint?

Shade to help.

5/12

9/12

Show your work.

Answer: _____

PREVIEW

Filled Example: One Child's Page

The page is Write the Sign (page 14). Mia (invented child). The child, the teacher and every answer on this page are invented.

Item	The pair	Right sign	Mia wrote	Right?
1	3/8 and 7/8	<	<	yes
2	5/6 and 2/6	>	>	yes
3	2/3 and 1/3	>	<	no
4	4/10 and 8/10	<	<	yes
5	1/4 and 3/4	<	<	yes
6	7/10 and 3/10	>	<	no

Reading the page

4 of 6 signs were right. Items 3 and 6 were wrong.

On item 3, 2/3 and 1/3 have the same bottom number, so the pieces are the same size. Mia drew a sign that opens toward 1/3. But 2/3 has more pieces, so 2/3 is greater than 1/3.

Item 6 is the same mix-up: 7/10 is greater than 3/10.

What the teacher did next

The teacher had Mia shade both bars for item 3 on a clean copy of page 12. She counted the shaded pieces in each bar and saw that 2/3 has more of them. Then she fixed item 6 herself.

What this example is not

One invented child's page. It sets no typical score, says nothing about any real child and predicts nothing.

My notes on the page

PREVIEW

Key: Signs, Sort, Order and Why

Accept the sign drawn a little crooked. The point of the sign faces the smaller fraction.

Write the sign (page 14)

Item	The pair	Sign
1	3/8 and 7/8	<
2	5/6 and 2/6	>
3	2/3 and 1/3	>
4	4/10 and 8/10	<
5	1/4 and 3/4	<
6	7/10 and 3/10	>

Sort and glue (cards on page 15, boxes on page 16)

Box	Words	Cards (top bar and bottom bar)
>	greater than	5/6 and 2/6, 7/10 and 4/10, 3/4 and 1/4
<	less than	1/8 and 5/8, 3/12 and 8/12, 2/5 and 4/5

Put them in order (page 17)

Item	Order	Write
1	least to greatest	3/8, 5/8, 7/8
2	least to greatest	2/6, 4/6, 5/6
3	greatest to least	9/12, 6/12, 3/12
4	greatest to least	4/5, 2/5, 1/5

Say why (page 18)

Item	Greater	Because (accept the child's words)
1	5/6	The pieces are the same size. The top number 5 is bigger than 2, so 5/6 has more pieces.
2	6/8	The pieces are the same size. The top number 6 is bigger than 3, so 6/8 has more pieces.
3	7/10	The pieces are the same size. The top number 7 is bigger than 4, so 7/10 has more pieces.

My notes on the answers

PREVIEW

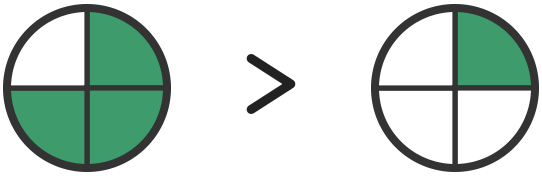
A Note Home: Comparing Fractions

One page to send home when you start comparing fractions with the same bottom number.

Date _____ Class _____ Teacher _____

Dear families,

This week we are comparing fractions that have the **same bottom number**, like 3/4 and 1/4. The bottom number tells how many equal pieces make the whole, so the pieces are the same size. The top number tells how many pieces are shaded. The bigger the top number, the greater the fraction.



3/4 is greater than 1/4.

This week we are practicing

_____

_____

You can try this at home

Cut two pieces of paper into fourths. Shade 3 fourths on one and 1 fourth on the other. Ask: "Which has more pieces shaded? Which fraction is greater?"

_____

_____

_____

A note from me (your words)

_____

_____

_____

Thank you, (teacher) _____ Family signature, if your school asks for one _____

PREVIEW