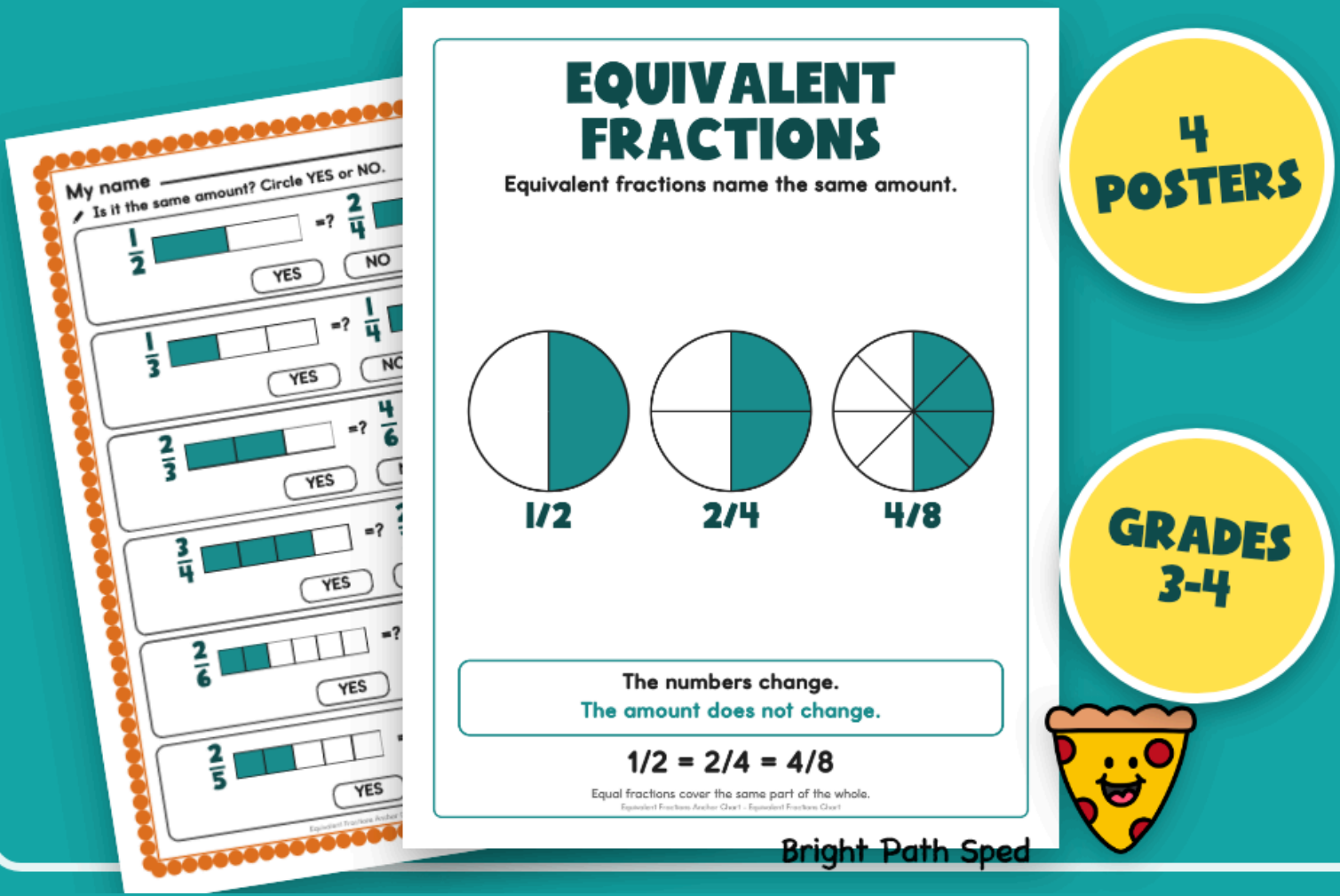
EQUIVALENT FRACTIONS

Anchor Chart Posters



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 line or a box, type, and Save As.
- The name lines, the answer blanks on the practice pages, the home note and every notes area are type-in fields. The posters and bar pages 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 fraction bar and number line posters come in an ink-saver copy. Posters look best on cardstock; the bar 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 a free update.

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PREVIEW

How to Teach It: Five Short Routines

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

1. Equal amounts

- Show the circles (page 5): 1/2, 2/4 and 4/8.
- Say: "Each one is half of the circle. The numbers change, the amount does not."

2. Make equal fractions

- Show how to make them (page 6). Multiply the top and the bottom by the same number.
- Ask: "Why does the amount stay the same? (Because 2/2 is one whole.)"

3. Divide to simplify

- Show the second example on page 6: 6/8 divided by 2 is 3/4.
- Ask: "What number can the top and the bottom both be divided by?"

4. Bars and number lines

- Show the fraction bars (page 7). Read down the halves: they are the same length.
- Show the number line (page 9). Equal fractions land on the same spot.

5. Look around the room

- Find a thing cut into equal parts. Children draw it on page 22.
- Send the note home (page 28) so families look for equal parts too.

Notes on your day

PREVIEW

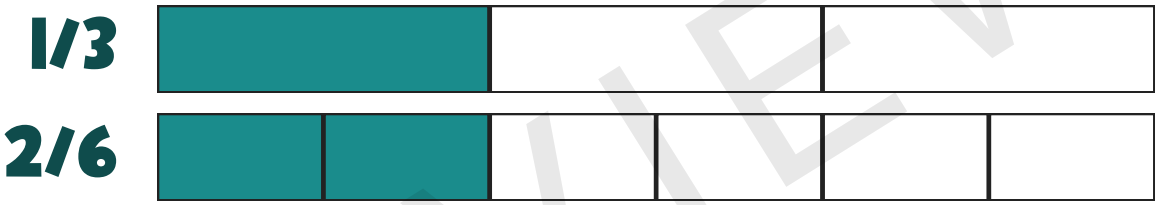
Preview · Bright Path Sped

HOW TO MAKE EQUAL FRACTIONS

Multiply or divide the top and the bottom by the same number.

Multiply: the top and the bottom

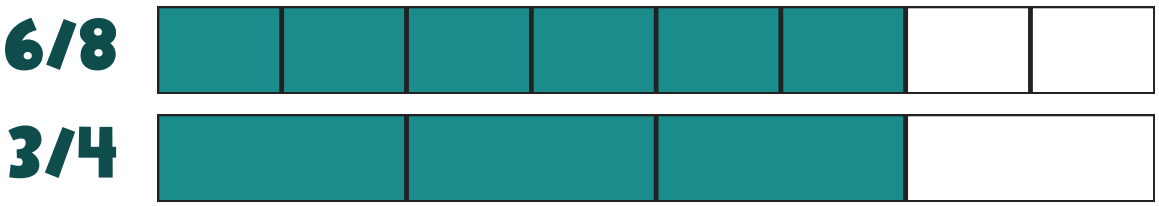
1/3 x 2/2 = 2/6



2/2 is one whole, so the amount does not change.

Divide: the top and the bottom

6/8 = 3/4



Divide both by 2: 6 divided by 2 = 3 and 8 divided by 2 = 4.

Check: both bars are the same length.

PREVIEW

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FRACTION BARS

Bars the same length name the same amount.

1/2



2/4



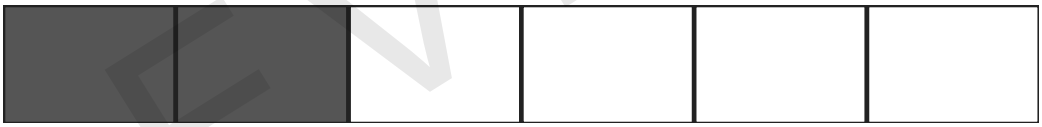
4/8



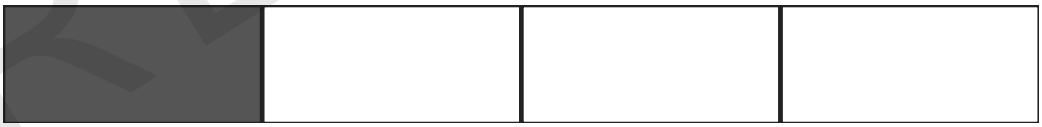
1/3



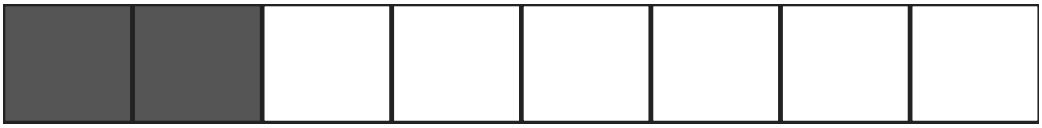
2/6



1/4



2/8



Read down the halves: 1/2 = 2/4 = 4/8.

Thirds: 1/3 = 2/6. Fourths: 1/4 = 2/8.

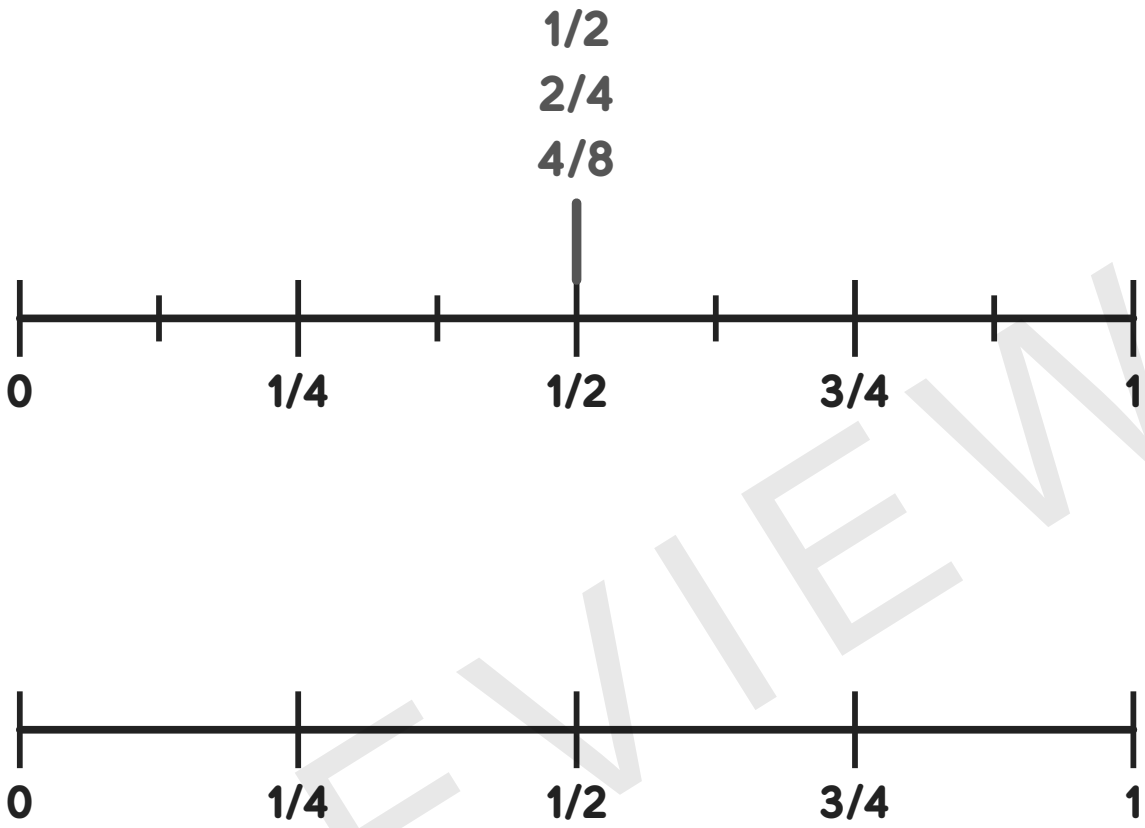
Same length, same amount. Different numbers.

PREVIEW

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NUMBER LINE

Equal fractions land on the same spot.



PREVIEW

Find the same spot.

The top line has eighths. The bottom line has fourths.

Both lines end at 1.

Count the equal parts to the same spot.

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Cut the bars apart. Glue each one on page 13 or 14.













PREVIEW

Preview : Bright Path Sped

My name _____

Glue each bar from page 12 next to its fraction.

$\frac{1}{2}$	glue here
$\frac{2}{3}$	glue here
$\frac{3}{4}$	glue here

PREVIEW

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My name _____

Look at the shaded bar. Circle the fraction.

The bottom number is the parts. The top number is the shaded parts.



3/4 3/5



2/4 2/3



3/8 3/9



1/5 1/4



5/6 5/7



1/4 1/3

PREVIEW

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My name _____

Write a fraction that is the same amount as the shaded part.



= ___ Write an equal fraction.

___



= ___ Write an equal fraction.

___



= ___ Write an equal fraction.

___



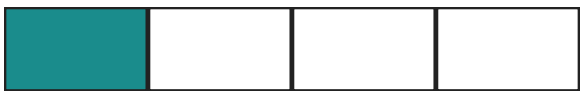
= ___ Write an equal fraction.

___



= ___ Write an equal fraction.

___



= ___ Write an equal fraction.

___

PREVIEW

Preview - Bright Path Shed

My name _____

Shade the bar. Write a fraction that is the same amount.

Shade three fourths.



Equal: ___/___

Shade two thirds.



Equal: ___/___

Shade one half.



Equal: ___/___

Shade four sixths.



Equal: ___/___

PREVIEW

Preview : Bright Path Sped

My name _____

Find something cut into equal parts. Draw it.

Something at school

It shows _____ / _____

Something at home

It shows _____ / _____

PREVIEW

Key: Read the Bar, Which Bar, Same Amount or Not

Keep this page for yourself. A child may circle the other choice only if the bars say so.

Read the bar (page 15)

Item	Circle this	Not this
1	3/4	3/5
2	2/3	2/4
3	3/8	3/9
4	1/4	1/5
5	5/6	5/7
6	1/3	1/4

Which bar is equal? (page 16)

Item	Fraction	Circle
1	1/2	A
2	2/3	C
3	3/4	B
4	1/3	B

Same amount or not? (page 17)

Item	The two fractions	Circle
1	1/2 and 2/4	YES
2	1/3 and 1/4	NO
3	2/3 and 4/6	YES
4	3/4 and 2/3	NO
5	2/6 and 1/3	YES
6	2/5 and 3/5	NO

My notes on the answers

PREVIEW

Key: Shade, Stories and a Fraction Hunt

The picture shows the shaded bar. A child may shade it a little differently; check the shaded parts are the right fraction.

Shade the fraction (page 20)



three fourths
3/4 = 6/8



two thirds
2/3 = 4/6



one half
1/2 = 2/4



four sixths
4/6 = 8/12

Fraction stories (page 21)

Story	Shade	Sentence
1	2/4	Sam ate two fourths of the pizza.
2	2/6	Maya read two sixths of her book.
3	3/4	Lee drank three fourths of the juice.

Find a fraction (page 22)

Check that the child drew equal parts and wrote the fraction for the shaded part.

My notes on the answers

PREVIEW

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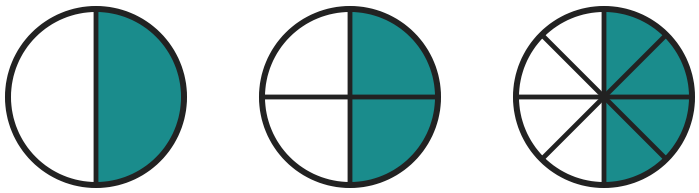
A Note Home: Equivalent Fractions

One page to send home when you start the fraction posters.

Date _____ Class _____ Teacher _____

Dear families,

This week we are learning **equivalent fractions**. Two fractions are equivalent when they name the same amount: 1/2 = 2/4 = 4/8.



This week we are practicing

_____

_____

You can try this at home

Look for something cut into equal parts, like a pizza or a sandwich. Ask: "What fraction is one piece? Is there another fraction that is the same amount?"

_____

_____

_____

A note from me (your words)

_____

_____

_____

_____

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

PREVIEW

Phrase Bank

Fill each blank with what you really saw and heard.

Teaching the words

- "Equivalent means equal. The amount is the same, the numbers are different."
- "Multiply the top and the bottom by the same number."
- "Divide the top and the bottom by the same number to make it simpler."
- "If the bars are the same length, the fractions are equal."

Asking a question

- "What did you multiply the top by? What did you multiply the bottom by?"
- "Which bar is the same length as the one you have?"
- "Is the amount the same? How do you know?"
- "Where do you see a fraction at school?"

Noticing what a child did

- "You shaded the bar and wrote a fraction that was the same amount."
- "You multiplied the top and the bottom by 2 both times."
- "You checked the bars and saw they were the same length."
- "You found a thing cut into equal parts at ____."

Sentence starters for children

- The bar is ____ parts, and ____ of them are shaded.
- I multiplied the top and the bottom by ____.
- ____ and ____ are equal because the bars are the same ____.
- I found a fraction at ____. It is ____.

For the note home

- This week we are learning equivalent fractions: two fractions that name the same amount.
- Look for things cut in equal parts at home. Ask your child which fraction the parts show.
- Ask your child to show two fractions that are equal, using fraction bars or a drawing.
- Thank you for ____ (what the family did to help).

PREVIEW