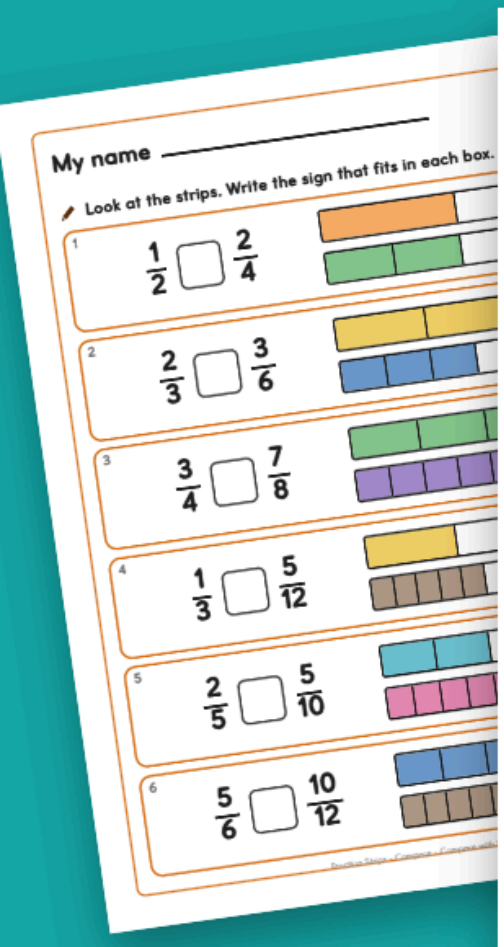
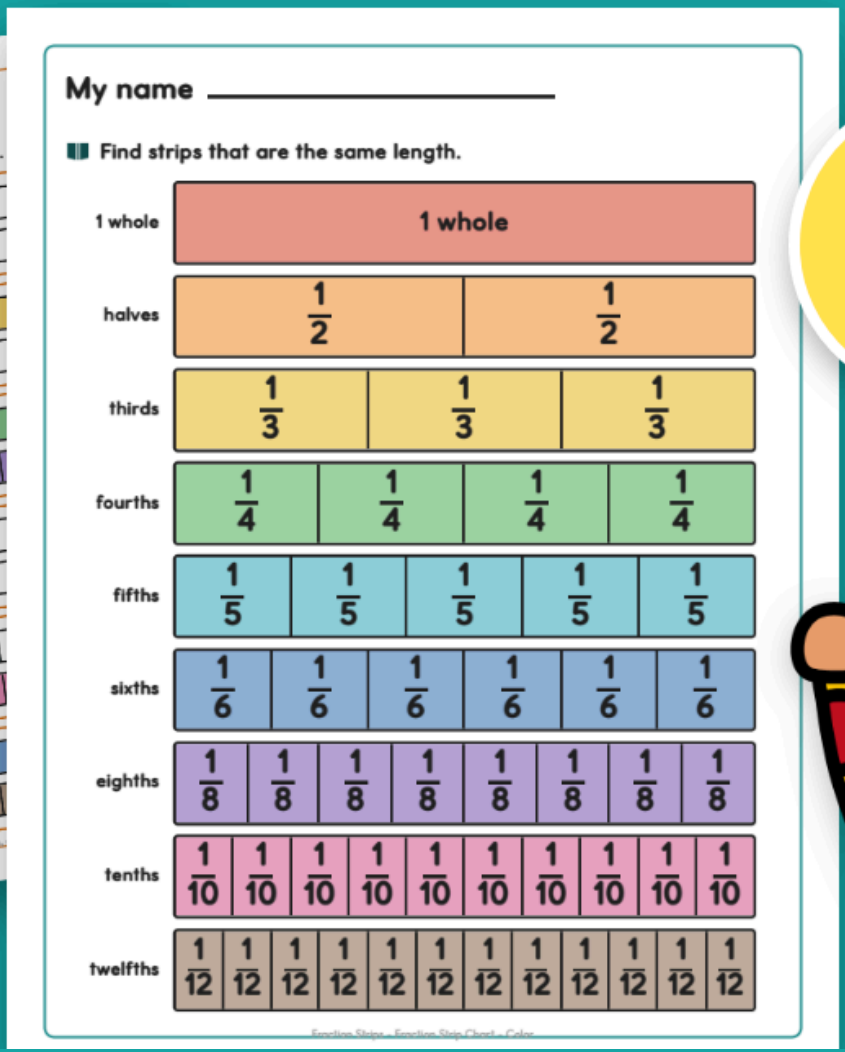
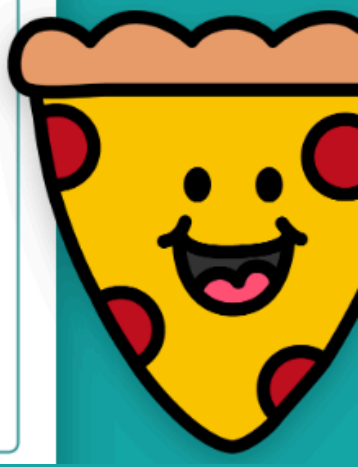
FRACTION STRIPS

Cut-Out Strips - Worksheets - Grades 2-4





42 PAGES



Bright Path Sped

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- This file is for one classroom: one teacher, one group of students.
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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, the answer boxes on the worksheets, the tracker and the notes areas are type-in fields. 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. Every strip is the same length only if the page prints at full size, and fractions can only be compared when the strips match. Every page prints in color or in black and white; the black-and-white strips are on their own pages.

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

Using the Strips

Ways to use the cut-out strips on the table, with a partner or in a small group.

Seven things to do with the strips

- **Line them up.** Put the halves strip and the fourths strip side by side. Slide them until the ends match.
- **Find the same amount.** Stack the strips to find every name for one half (2 fourths, 3 sixths, 4 eighths, 5 tenths, 6 twelfths).
- **Cover a whole.** Use strips of one size to cover the whole strip. How many does it take?
- **Put them in order.** Line up the one-part strips (one half, one third, one fourth and so on) from longest to shortest.
- **Compare two.** Pick two fractions, build each on the whole strip, and say which is bigger.
- **Label your own.** Use the blank strips (page 11) to write each fraction in the parts and color them.
- **Mix a set.** Keep a black-and-white set in a folder so a student can color-code it any way they like.

Sentence frames for talking about strips

- "I put the ___ strip next to the ___ strip. The ___ strip is longer."
- "___ is bigger than ___ because the parts are ___."
- "The strips show that ___ and ___ are the same amount."
- "When a whole is cut into more parts, each part is ___."
- "I can name this strip with ___ parts shaded out of ___ parts."

Setting up a group

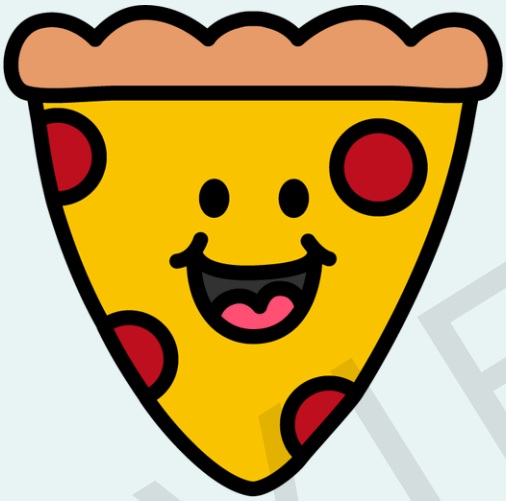
- Give each student one color set (pages 7 and 8), cut in advance or cut by the student.
- Keep cut strips in a zip bag with the student's name on it. The black-and-white set prints again for a student who loses a strip.
- Lay the chart on page 12 on the table so a student can check a strip against it.
- Your district's own fraction expectations go on this line:

  _____

PREVIEW

Divider Tab 1 of 5

Slide this sheet in front of the strip pages and the chart.



CUT-OUT STRIPS AND CHART

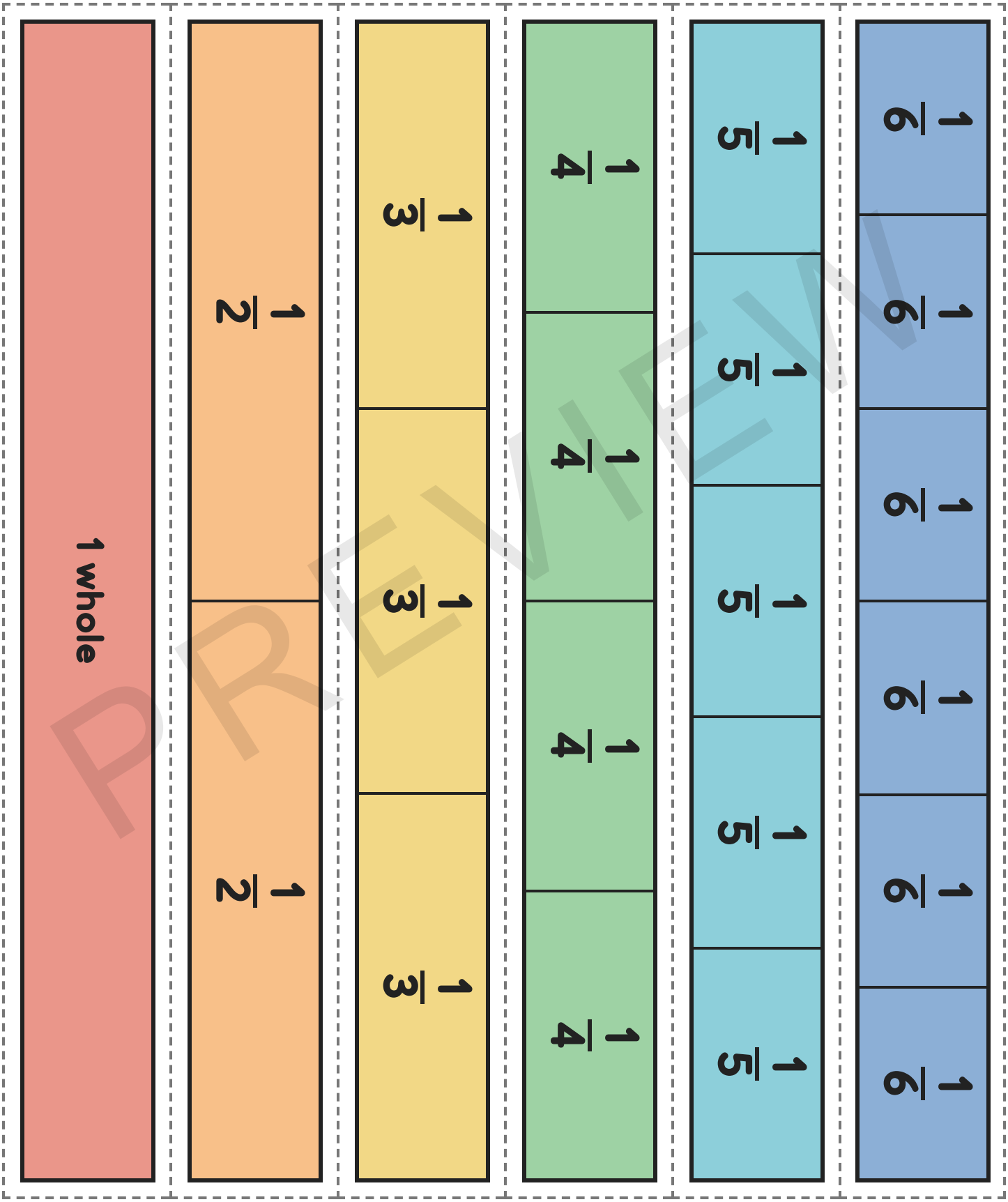
Color, black-and-white and blank strips to cut, and a chart of all nine sizes.

Pages 6-13

PREVIEW

My name _____

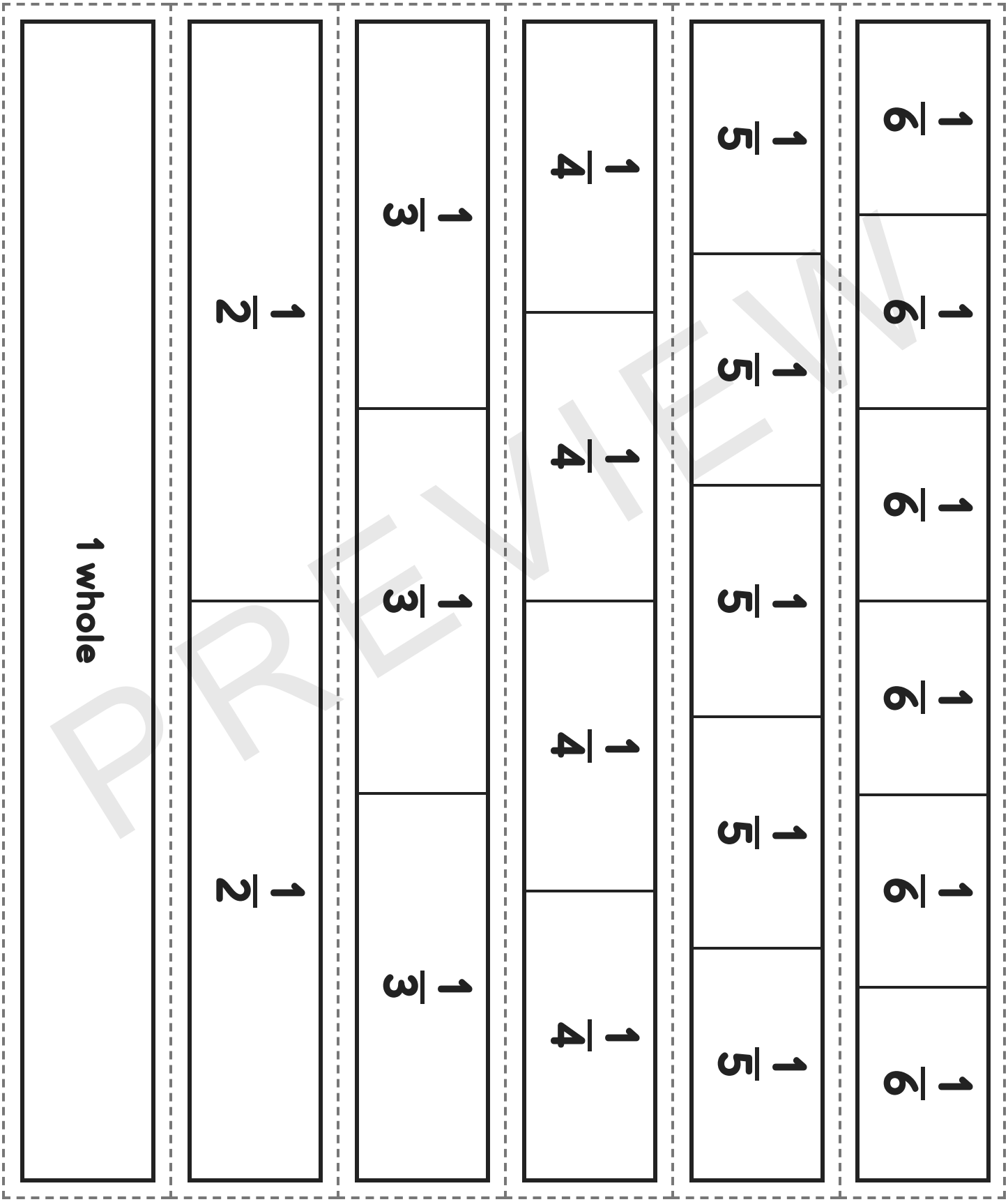
Cut on the dashed lines. Turn the strips sideways.



PREVIEW

My name _____

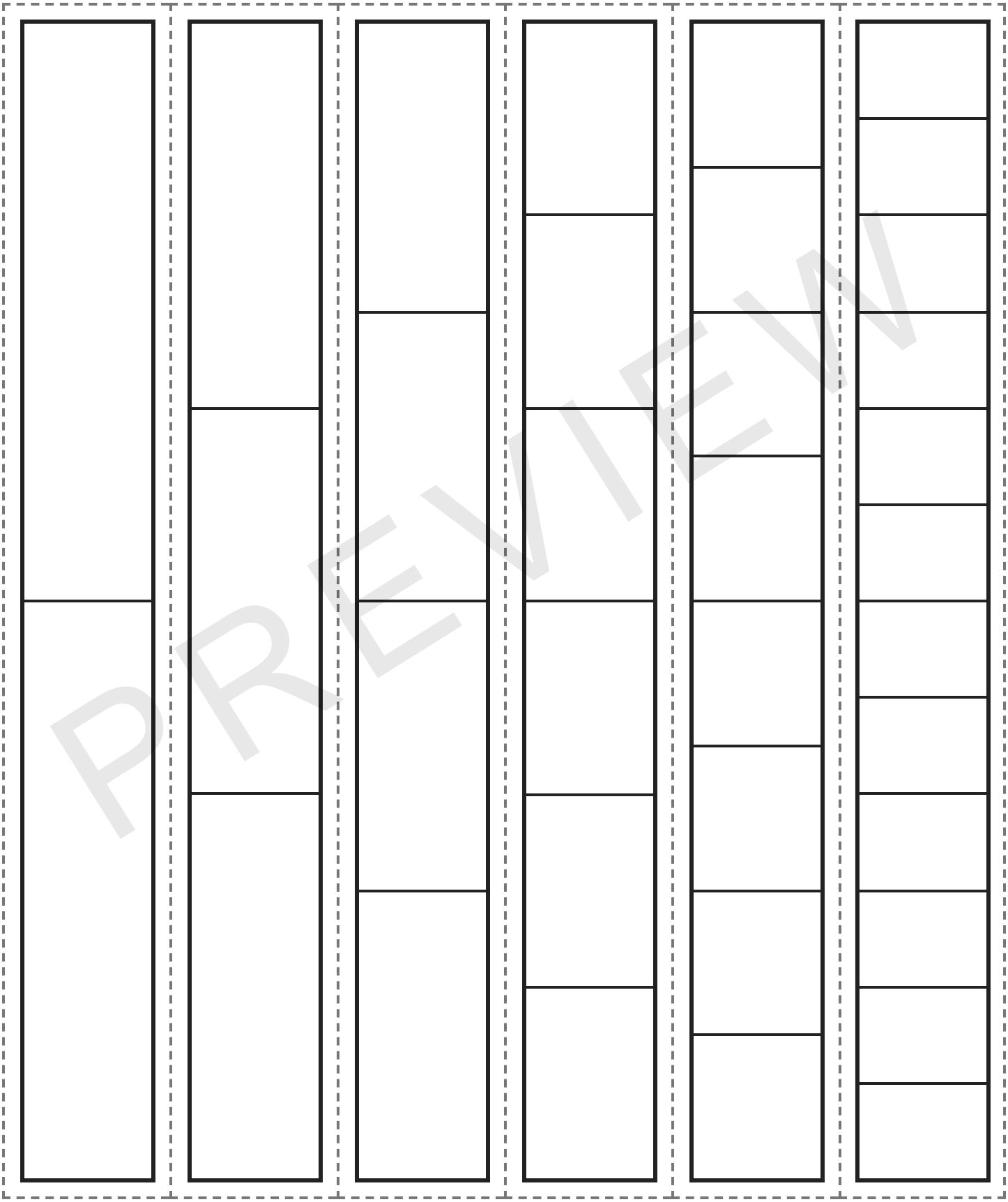
Cut on the dashed lines. Turn the strips sideways.



PREVIEW

My name _____

Cut on the dashed lines. Then write a fraction in each part.



PREVIEW

Divider Tab 2 of 5

Slide this sheet in front of the name-the-fraction and shade-the-strip pages.



NAME AND SHADE

Look at a strip and write the fraction. Read a fraction and shade the strip.

Pages 14-20

PREVIEW

My name _____

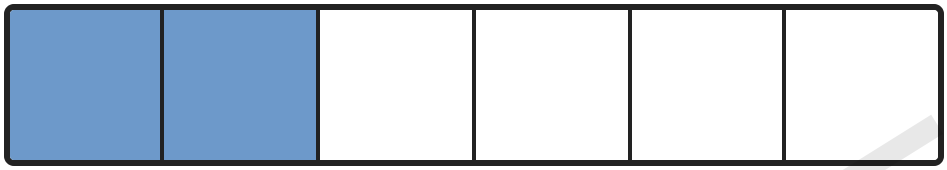


Look at the strip. Write the fraction.

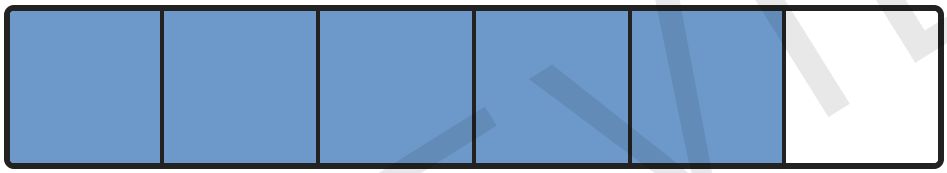
1



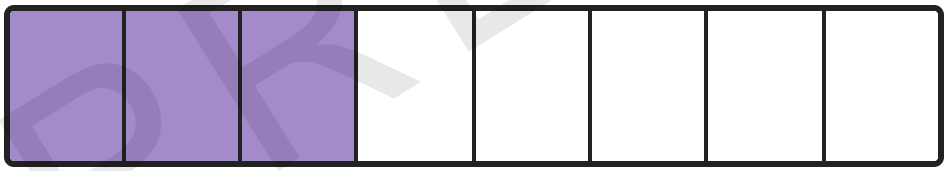
2



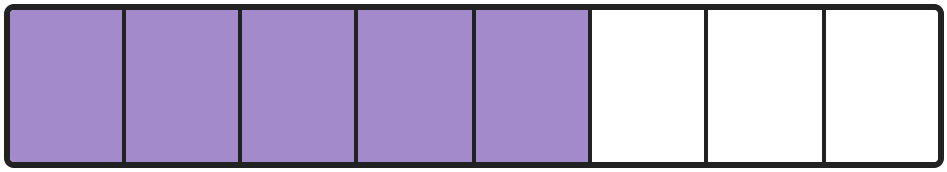
3



4



5

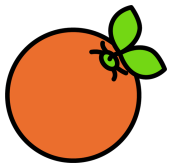


6



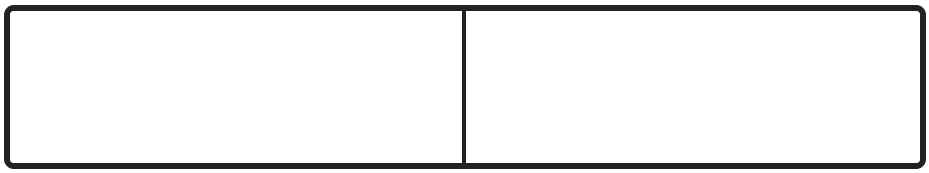
PREVIEW

My name _____



Read the fraction. Color that many parts.

1 $\frac{1}{2}$



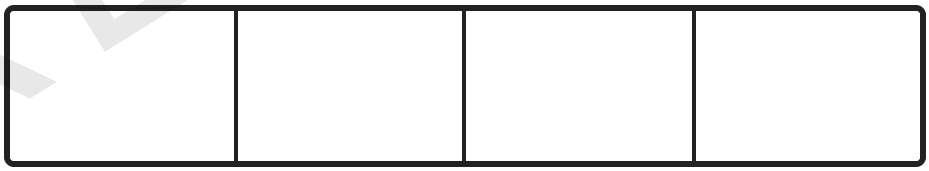
2 $\frac{1}{3}$



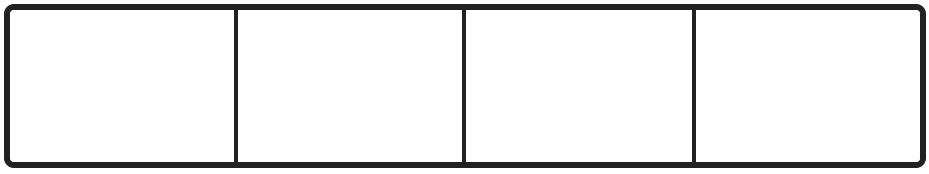
3 $\frac{2}{3}$



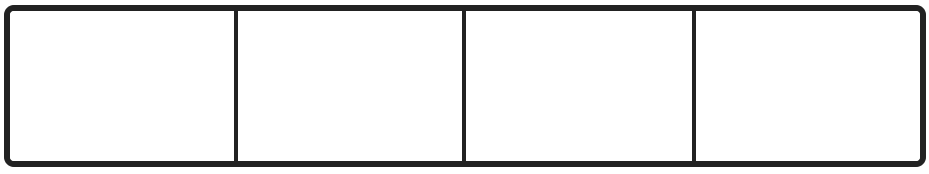
4 $\frac{1}{4}$



5 $\frac{2}{4}$



6 $\frac{3}{4}$



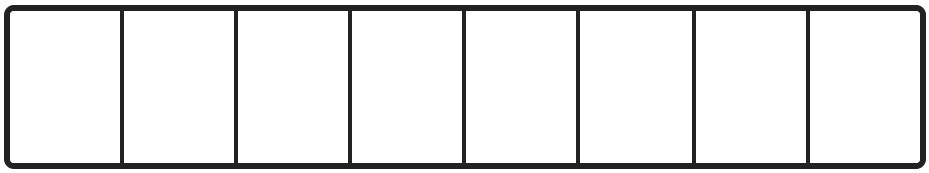
PREVIEW

My name _____

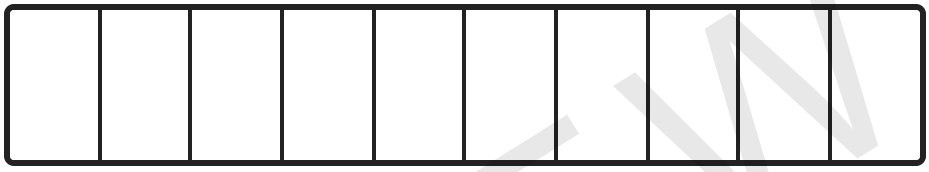


Read the fraction. Color that many parts.

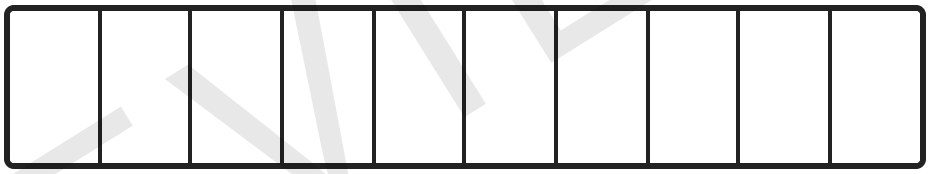
1 $\frac{5}{8}$



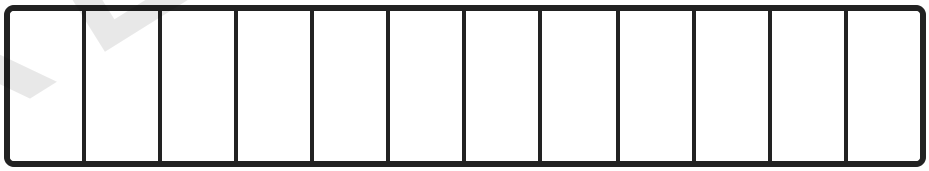
2 $\frac{4}{10}$



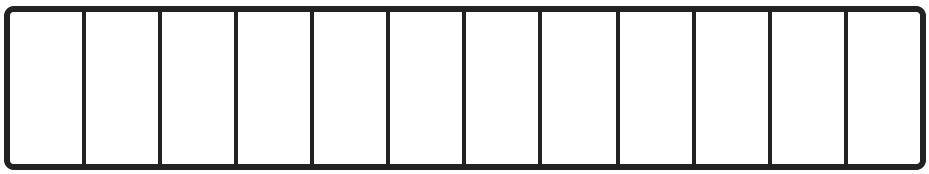
3 $\frac{7}{10}$



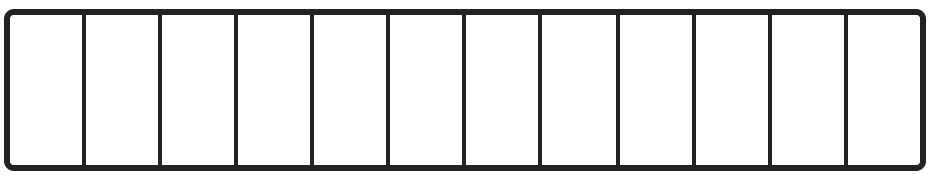
4 $\frac{3}{12}$



5 $\frac{8}{12}$



6 $\frac{11}{12}$



PREVIEW

My name _____



Look at the strips. Write the sign that fits in each box.

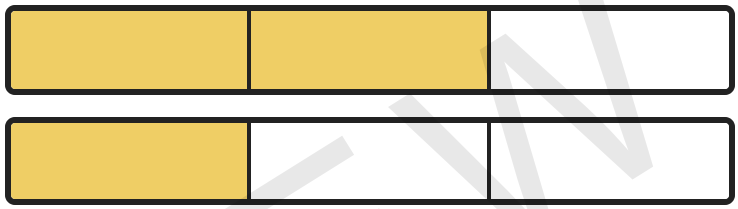
1

$\frac{1}{4} \square \frac{3}{4}$



2

$\frac{2}{3} \square \frac{1}{3}$



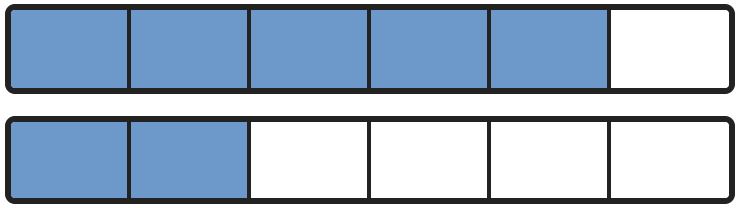
3

$\frac{2}{5} \square \frac{4}{5}$



4

$\frac{5}{6} \square \frac{2}{6}$



5

$\frac{3}{8} \square \frac{7}{8}$



6

$\frac{1}{2} \square \frac{1}{2}$



PREVIEW

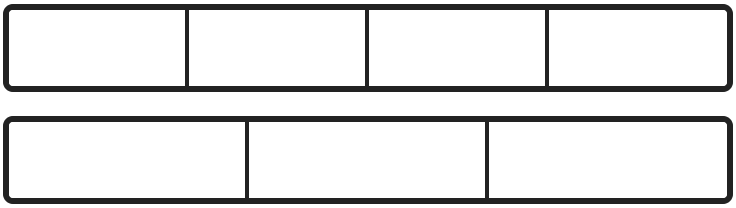
My name _____



Shade the strips. Then write the sign that fits.

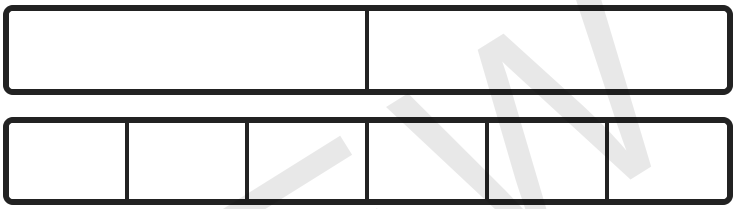
1

$\frac{3}{4}$ ☐ $\frac{2}{3}$



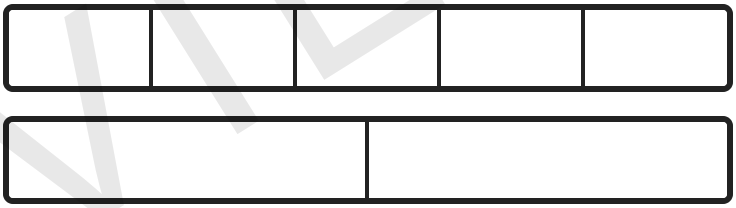
2

$\frac{1}{2}$ ☐ $\frac{3}{6}$



3

$\frac{3}{5}$ ☐ $\frac{1}{2}$



4

$\frac{5}{8}$ ☐ $\frac{2}{3}$



5

$\frac{7}{10}$ ☐ $\frac{3}{4}$



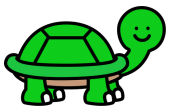
6

$\frac{4}{6}$ ☐ $\frac{2}{3}$



PREVIEW

My name _____

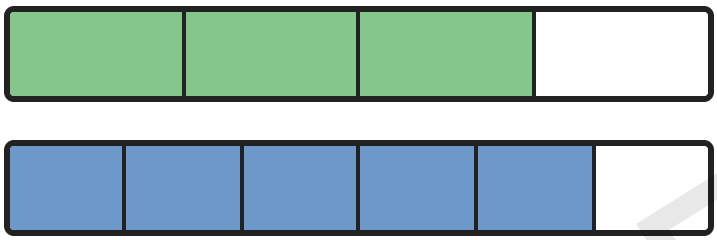


Look at the strips. Write the smaller fraction.

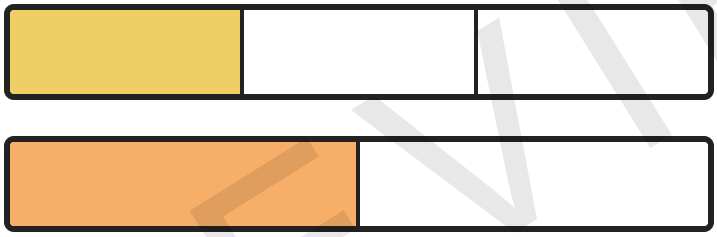
1 $\frac{2}{3}$ $\frac{1}{2}$



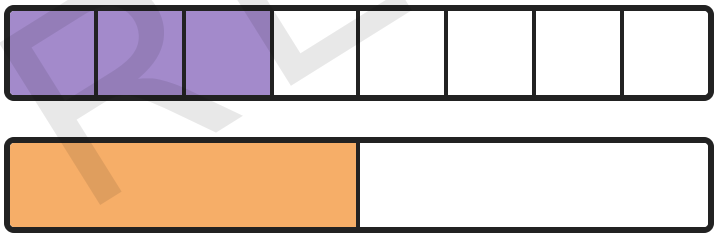
2 $\frac{3}{4}$ $\frac{5}{6}$



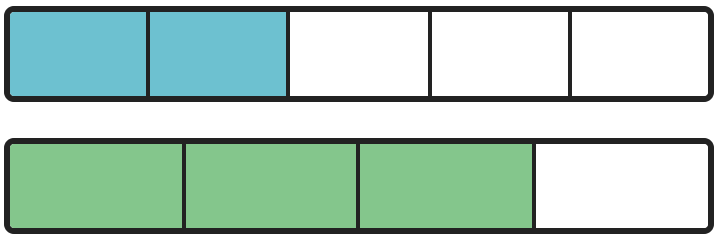
3 $\frac{1}{3}$ $\frac{1}{2}$



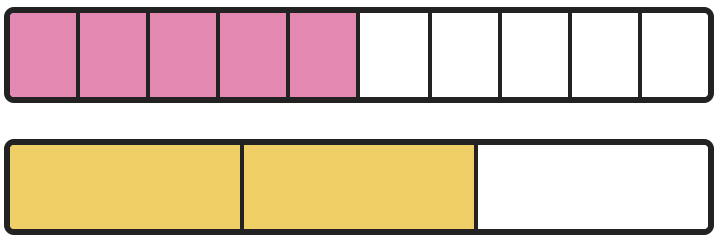
4 $\frac{3}{8}$ $\frac{1}{2}$



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

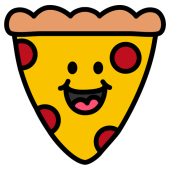


6 $\frac{5}{10}$ $\frac{2}{3}$



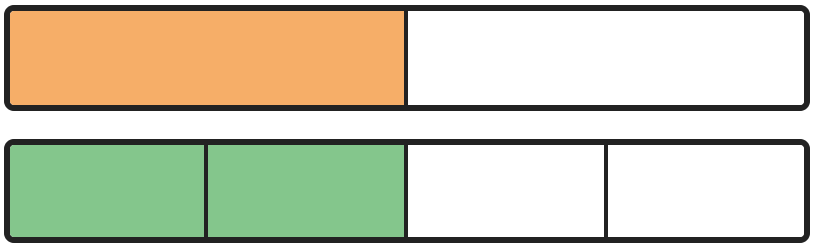
PREVIEW

My name _____



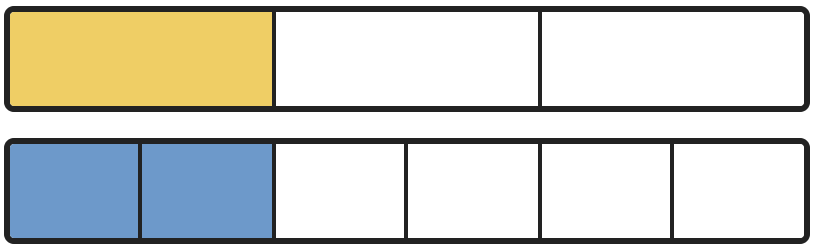
Look at the strips. Write the top number.

1



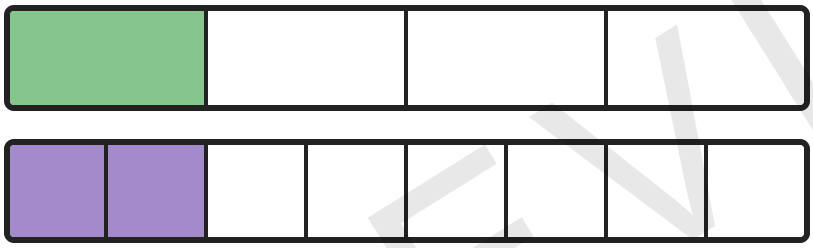
$\frac{1}{2} = \frac{\square}{4}$

2



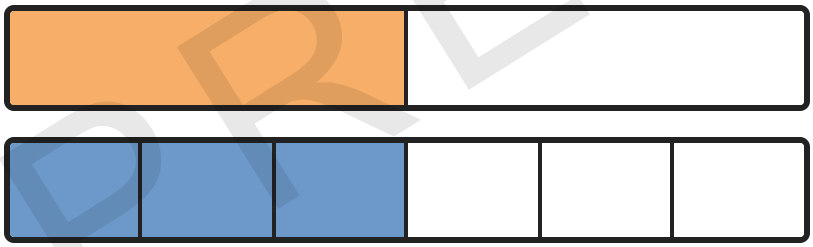
$\frac{1}{3} = \frac{\square}{6}$

3



$\frac{1}{4} = \frac{\square}{8}$

4



$\frac{1}{2} = \frac{\square}{6}$

5



$\frac{2}{3} = \frac{\square}{6}$

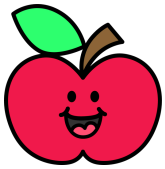
6



$\frac{1}{5} = \frac{\square}{10}$

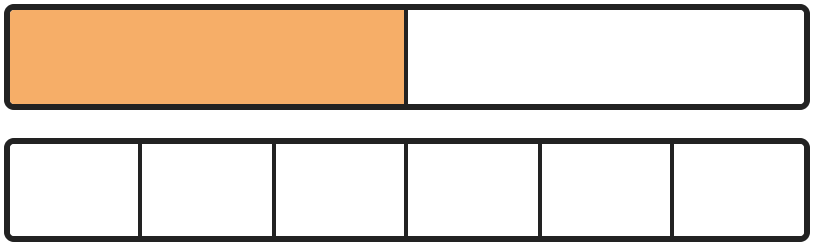
PREVIEW

My name _____



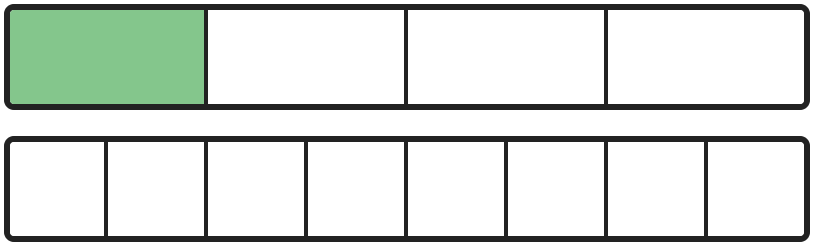
Shade the bottom strip. Write the top number.

1



$\frac{1}{2} = \frac{\square}{6}$

2



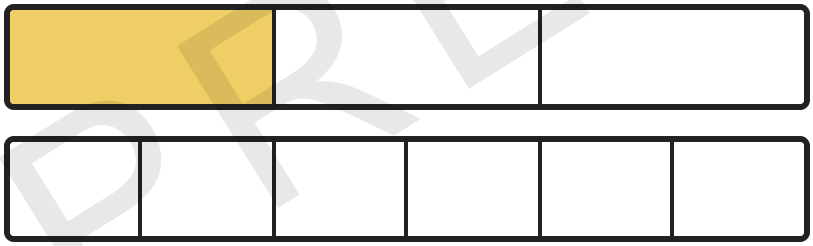
$\frac{1}{4} = \frac{\square}{8}$

3



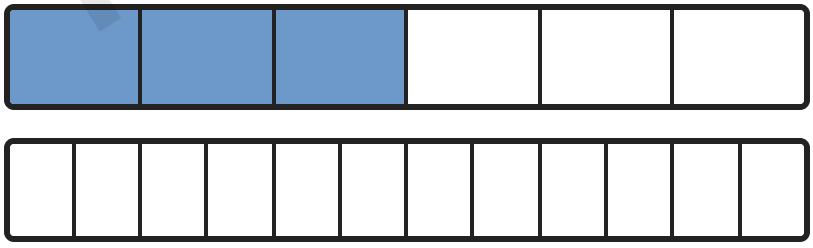
$\frac{2}{5} = \frac{\square}{10}$

4



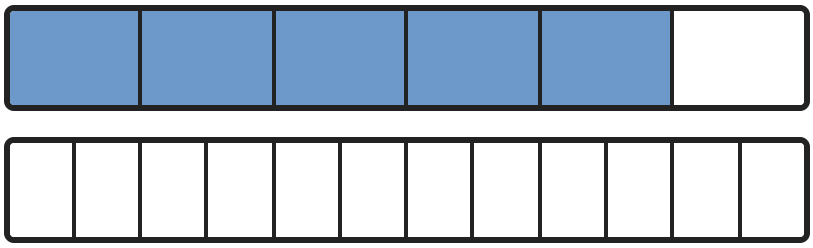
$\frac{1}{3} = \frac{\square}{6}$

5



$\frac{3}{6} = \frac{\square}{12}$

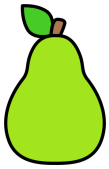
6



$\frac{5}{6} = \frac{\square}{12}$

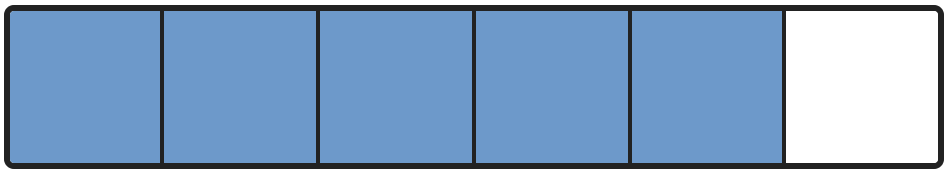
PREVIEW

My name _____



Do each one. Use the strips.

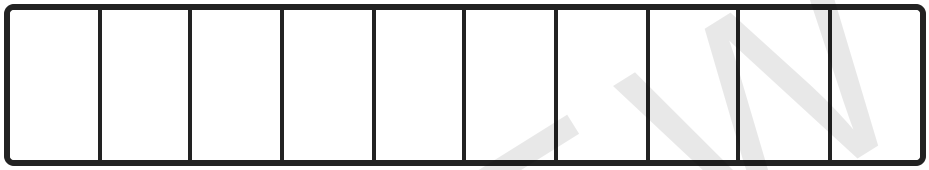
1



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

2

$\frac{3}{10}$



3

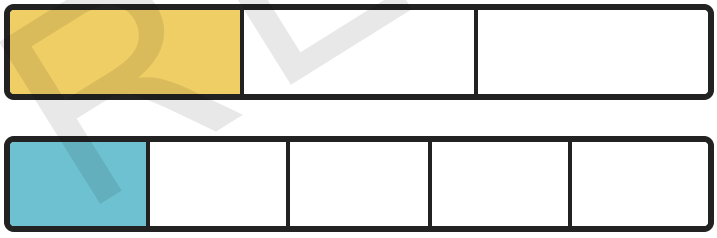
$\frac{1}{2}$ $\square$ $\frac{3}{8}$



4

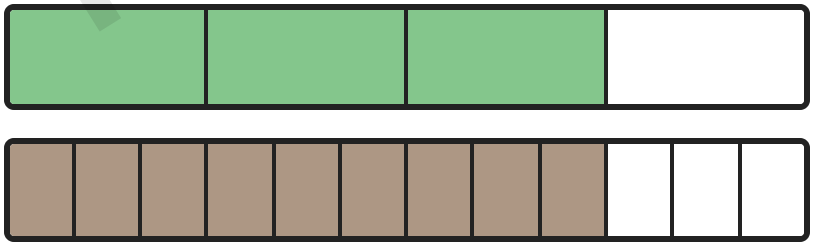
$\frac{1}{3}$

$\frac{1}{5}$



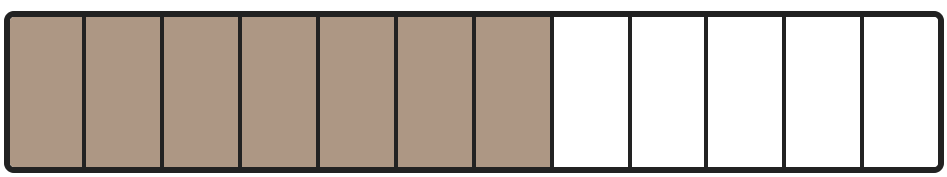
$\frac{\square}{\square}$

5



$\frac{3}{4} = \frac{\square}{12}$

6



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

PREVIEW

Answer Key 1

Each number is the problem number on its page. Shade-the-strip answers say how many parts to color out of how many. Compare answers are the sign that goes in the box.

Page 15 - Name the Fraction 1

1) 1/2 2) 1/3 3) 2/3

4) 1/4 5) 2/4 6) 3/4

Page 16 - Name the Fraction 2

1) 3/5 2) 2/6 3) 5/6

4) 3/8 5) 5/8 6) 1/5

Page 17 - Name the Fraction 3

1) 6/8 2) 3/10 3) 9/10

4) 5/12 5) 7/12 6) 10/12

Page 18 - Shade the Strip 1

1) 1 of 2 parts 2) 1 of 3 parts

3) 2 of 3 parts 4) 1 of 4 parts

5) 2 of 4 parts 6) 3 of 4 parts

Page 19 - Shade the Strip 2

1) 2 of 5 parts 2) 4 of 5 parts

3) 1 of 6 parts 4) 5 of 6 parts

5) 3 of 6 parts 6) 3 of 8 parts

Page 20 - Shade the Strip 3

1) 5 of 8 parts 2) 4 of 10 parts

3) 7 of 10 parts 4) 3 of 12 parts

5) 8 of 12 parts 6) 11 of 12 parts

Page 22 - Compare with Strips 1

1) < 2) > 3) <

4) > 5) < 6) =

Page 23 - Compare with Strips 2

1) > 2) > 3) >

4) > 5) > 6) >

Page 24 - Compare with Strips 3

1) = 2) > 3) <

4) < 5) < 6) =

PREVIEW

Tracker

For each page, write the date and how many answers were right. A blank row means not done yet, never wrong.

Student _____ Teacher _____ School year _____

Page	Skill	Date	Right	Out of	Notes
15	Name the Fraction 1			6	
16	Name the Fraction 2			6	
17	Name the Fraction 3			6	
18	Shade the Strip 1			6	
19	Shade the Strip 2			6	
20	Shade the Strip 3			6	
22	Compare with Strips 1			6	
23	Compare with Strips 2			6	
24	Compare with Strips 3			6	
25	Compare with Strips 4			6	
26	Which Is Bigger? 1			6	
27	Which Is Smaller? 2			6	
29	Equal Fractions 1			6	
30	Equal Fractions 2			6	
31	Equal Fractions 3			6	
32	Fraction Families			6	
34	Mixed Review 1			6	
35	Mixed Review 2			6	

PREVIEW

Fractions 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

- Fold a strip of paper in half. Fold it in half again, and again. Open it up and count the parts each time.
- Cut a snack or a sandwich into equal parts. Say how many parts there are and how many you are eating.
- Try two or three comparisons, then stop while it is still going well.

Write the sign that fits in each box. Fold paper strips if you need to.

$\frac{1}{2} \square \frac{1}{4}$ $\frac{1}{3} \square \frac{1}{6}$ $\frac{2}{4} \square \frac{1}{2}$ $\frac{3}{4} \square \frac{3}{8}$

Try saying

- "How many equal parts are there? How many are colored?"
- "Which piece is bigger? How can you tell?"
- "Show me with your hands, then write it."

Note from the teacher

Note from home

PREVIEW