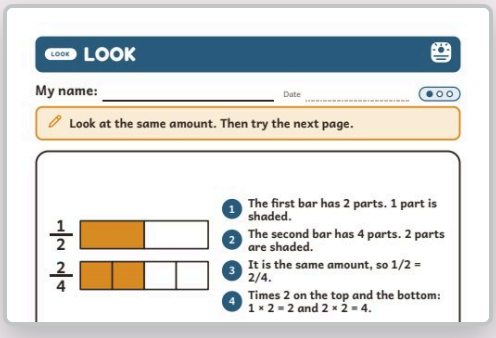
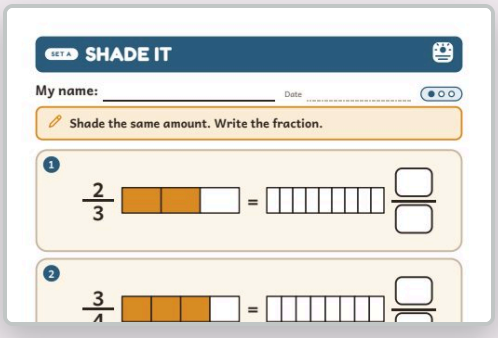
3RD-4TH GRADE · MATH

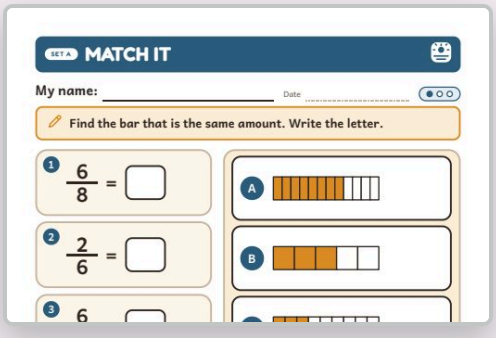
SHADE AND MATCH

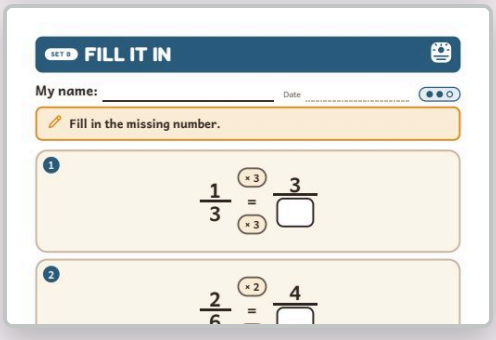
EQUIVALENT FRACTIONS

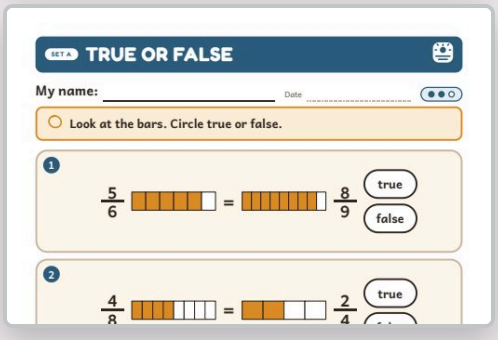
Shade the same amount, match equal fractions, fill in the missing number, true or false, and cut and glue, with keys, a tracker and a family page. Print, or type the names and answers. PDF.

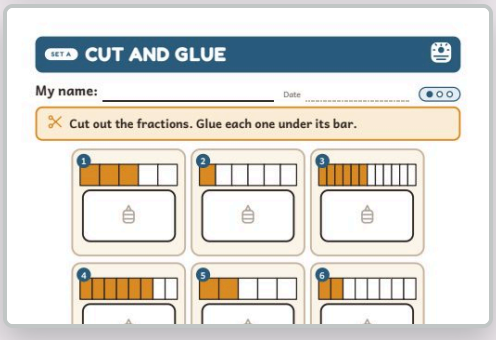












29 Pages | **6 Page Types** | **58 Items** | **Drawn Models**

BRIGHT PATH SPED

START HERE

QUICK START

One complete kit for one big idea: two fractions can name the same amount even when the pieces are different sizes. Shade, match, fill in, true or false, and cut and glue — on pages with room to work, untimed.

THREE STEPS

1. **Look at the pictures together**
   Page 5 shows one pair on bars and one on circles: the same amount shaded, cut into different numbers of equal parts, and the top and bottom numbers both multiplied by the same number. Read it aloud with the child, then turn to Shade It.

2. **Hand over a page**
   Every student page opens with a name line and one short instruction, and the pictures and boxes are big. Nothing on it is written for you, so the child can start. The chart below says which page for which child; the dots at the top right are the only level code.

3. **Check it, record it, send it home**
   The answer keys are pages 18, 19 and 20. Date each page on the tracker (page 21), roll a group up on page 22, and send the home page (24). A filled example is on page 25.

WHICH PAGE, WHEN

WHEN…	USE…
Meeting equal fractions for the first time	Look, page 5 · Shade It A, page 6
Ready to see it on circles	Shade It B, page 7
Can match a picture to a number	Match It, pages 8, 9
Ready to find the missing number	Fill It In, pages 10, 11, 12
Rushes and does not check	True or False, pages 13, 14
Better with cutting and gluing	Cut and Glue, pages 15, 16, 17
Ready to send practice home	Home page 24 · notes: page 23

Everything inside (29 pages)

- **13 student pages** in 6 page types: Look, Shade It, Match It, Fill It In, True or False and Cut and Glue
- **58 different items** (51 pairs of equal fractions and 7 claims that are not equal), bottom numbers from 2 to 12, every one computed in code
- **18 cut-and-glue pieces** in 3 sets of six, drawn **bars and circles** on 8 pages
- **3 answer keys, 1 tracker, 1 class grid**
- **1 team note, 1 home page, 1 filled example, 1 phrase and strategy bank**
- **1 binder cover, 6 divider tabs** and a spine label

What makes it different

Every page starts from a picture the child can see: the same bar or circle cut a different way. Then the numbers come in. No item is used twice, and no answer sits where a child could guess it. Nothing is timed and nothing on a student page is scored.

LOOK

LOOK

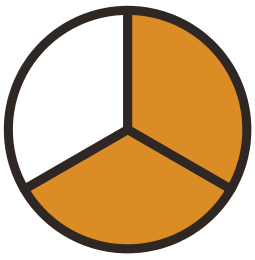
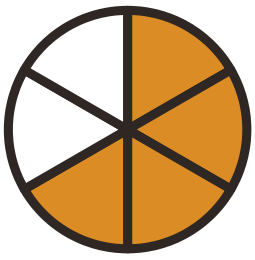
My name: _____ Date .....

Look at the same amount. Then try the next page.

$\frac{1}{2}$ 

$\frac{2}{4}$ 

1. The first bar has 2 parts. 1 part is shaded.
2. The second bar has 4 parts. 2 parts are shaded.
3. It is the same amount, so 1/2 = 2/4.
4. Times 2 on the top and the bottom: 1 × 2 = 2 and 2 × 2 = 4.

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

1. The first circle has 3 parts. 2 parts are shaded.
2. The second circle has 6 parts. 4 parts are shaded.
3. It is the same amount, so 2/3 = 4/6.
4. Times 2 on the top and the bottom: 2 × 2 = 4 and 3 × 2 = 6.

SET A SHADE IT

My name: _____ Date .....

Shade the same amount. Write the fraction.

1

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

2

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

3

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

4

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

SET A MATCH IT

My name: _____ Date .....

Find the bar that is the same amount. Write the letter.

1. $\frac{6}{8} = \square$
2. $\frac{2}{6} = \square$
3. $\frac{6}{10} = \square$
4. $\frac{2}{12} = \square$
5. $\frac{4}{5} = \square$
6. $\frac{6}{9} = \square$

A



B



C



D



E



F



SET B FILL IT IN

My name: _____ Date .....

Fill in the missing number.

1

$$\frac{1}{3} \overset{\times 3}{=} \frac{3}{\square}$$

2

$$\frac{2}{6} \overset{\times 2}{=} \frac{4}{\square}$$

3

$$\frac{4}{6} \overset{\times 2}{=} \frac{\square}{12}$$

4

$$\frac{1}{2} \overset{\times 3}{=} \frac{3}{\square}$$

SET A TRUE OR FALSE

My name: _____ Date .....

Look at the bars. Circle true or false.

1

$\frac{5}{6}$  =  $\frac{8}{9}$

true false

2

$\frac{4}{8}$  =  $\frac{2}{4}$

true false

3

$\frac{2}{6}$  =  $\frac{1}{3}$

true false

4

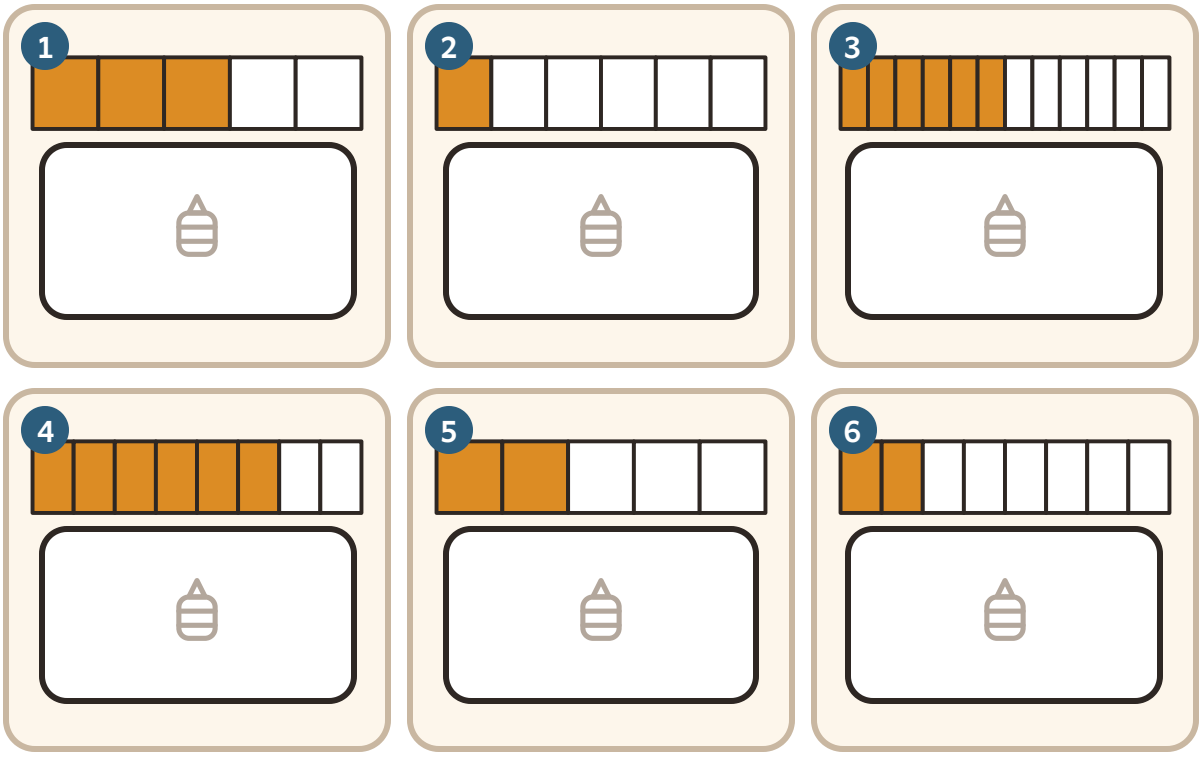
$\frac{3}{4}$  =  $\frac{6}{7}$

true false

SET A CUT AND GLUE

My name: _____ Date .....

Cut out the fractions. Glue each one under its bar.



Cut on the dashed lines.

$\frac{1}{2}$	$\frac{4}{10}$	$\frac{6}{10}$
$\frac{2}{12}$	$\frac{3}{12}$	$\frac{3}{4}$

TRACKER EQUIVALENT FRACTIONS TRACKER

STUDENT _____ TEACHER _____ MONTH _____

PAGE	PAGE TYPE AND SET	ITEMS	RIGHT	DATE	NOTES
6	Shade It A	4			
7	Shade It B	4			
8	Match It A	6			
9	Match It B	6			
10	Fill It In A	4			
11	Fill It In B	4			
12	Fill It In C	4			
13	True or False A	4			
14	True or False B	4			
15	Cut and Glue A	6			
16	Cut and Glue B	6			
17	Cut and Glue C	6			

How to fill this in

Write how many items the child got right with no prompt, and the date. A blank means not tried yet, never wrong. There are 58 items on the 12 pages above; Look (page 5) is not scored. On a Cut and Glue page an item is one piece in the right place. Answer keys: pages 18, 19 and 20. Filled example: page 25.

THIS MONTH WE ARE WORKING ON (YOUR OWN WORDING)

EXAMPLE MARCUS'S TRACKER

Marcus T. is invented; nothing on this page describes a real student. The blank tracker is on page 21.

STUDENT **Marcus T. (an invented student)**

TEACHER **Ms. Rivera (invented)**

MONTH **October**

PAGE	PAGE TYPE AND SET	ITEMS	RIGHT	DATE	NOTES
6	Shade It A	4	4	10/1	–
7	Shade It B	4	3	10/3	Counted the lines, not the parts, on one circle
8	Match It A	6	6	10/6	–
9	Match It B	6	–	–	–
10	Fill It In A	4	4	10/8	–
11	Fill It In B	4	3	10/10	Wrote the new bottom number in the top box once
12	Fill It In C	4	–	–	–
13	True or False A	4	4	10/13	–
14	True or False B	4	3	10/15	Marked one false claim true
15	Cut and Glue A	6	6	10/17	–
16	Cut and Glue B	6	5	10/20	Glued one bar under the wrong fraction
17	Cut and Glue C	6	–	–	–

How to read it

Marcus T. has done **9 of 12** scored pages and got **38 of 42** items right with no prompt. **5** pages were all right. Every number here comes from the table above.

The family note this tracker would produce

"This month Marcus finished 9 equal-fractions pages and got 38 of 42 items right. He sometimes marked a false claim true; looking at whether the shaded pieces are the same size is next." — every fact in it is a row of the table above.

What the table points to

Every page with a note is one item short of full: Shade It B, Fill It In B, True or False B, Cut and Glue B. The 4 slips are different kinds, so there is no single next page; the note on each row says what to watch for on it. Pages left blank (3 of 12) are not tried yet, never wrong.

THANK YOU

BEFORE YOU GO

THANK YOU FOR USING THIS RESOURCE

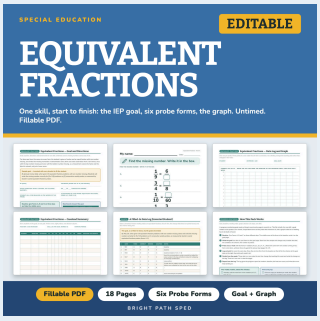
Everything here was built for the teacher who has a table of children who each need a different amount of support with fractions. If this helped, leaving feedback on TPT helps other teachers find it.

Something missing or wrong?

Please use the **Ask a Question** tab on the product page first — every question is read, and a fix to the file is a free update you re-download from **My Purchases**.

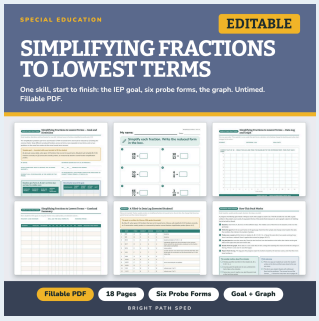
WHAT'S NEXT FROM THIS STORE

The data side of this skill, going down to lowest terms, comparing fractions, and where fractions start.



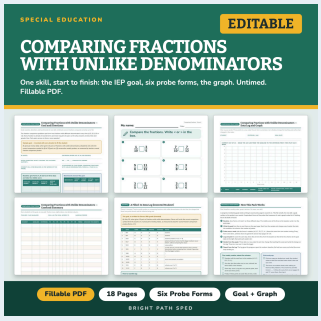
Equivalent Fractions Progress Monitoring Probes

The data side of this skill: forms for a goal on the IEP.



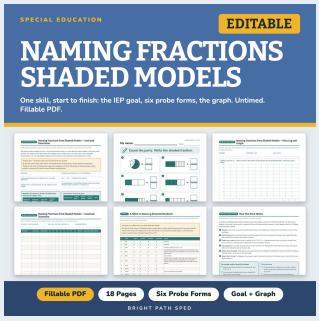
Simplifying Fractions Probes

Going down to lowest terms, with a graph.



Comparing Fractions Probes

Which fraction is greater? Unlike bottom numbers.



Naming Fractions Shaded Models Probes

Where this starts: reading a fraction off a shaded picture.

Part of the Math Practice collection — new products in this collection are added regularly. Click **Follow** on the store page and TPT will email you when they go up.

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