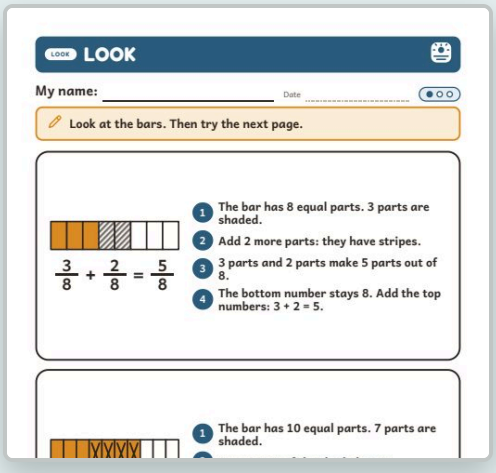
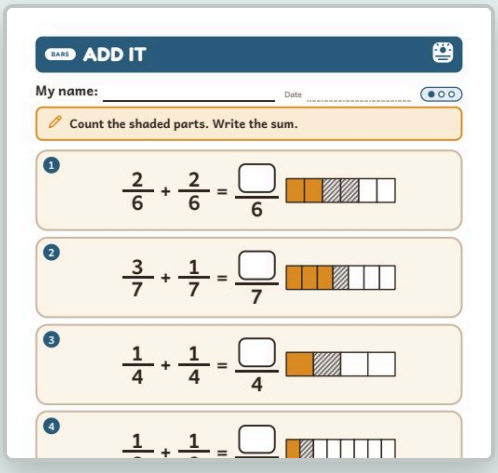
3RD-4TH GRADE · MATH

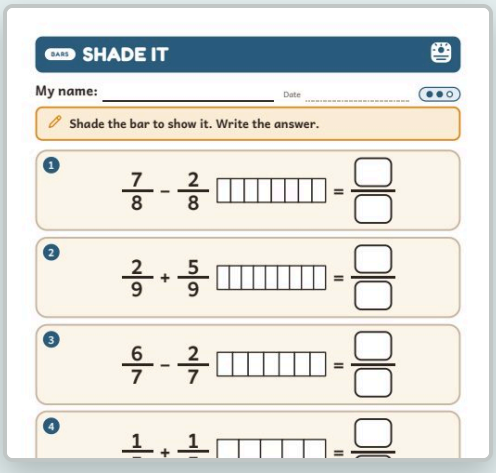
BARS, STORIES, CUT AND GLUE

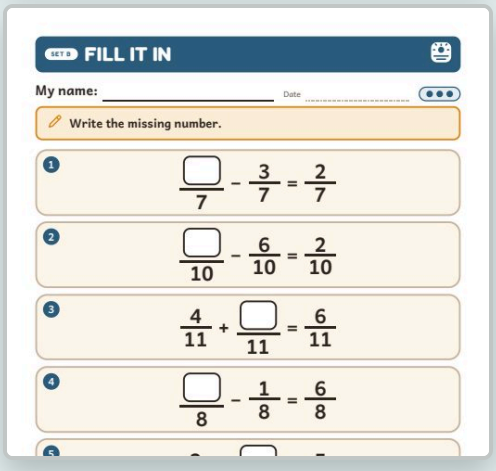
ADDING & SUBTRACTING FRACTIONS

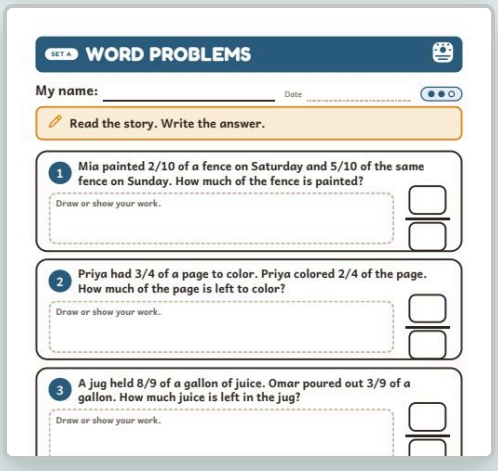
Like denominators: add and subtract on shaded bars, fill in, word problems, and cut and glue, with keys, a tracker and a family page. Print, or type the names and answers. PDF.

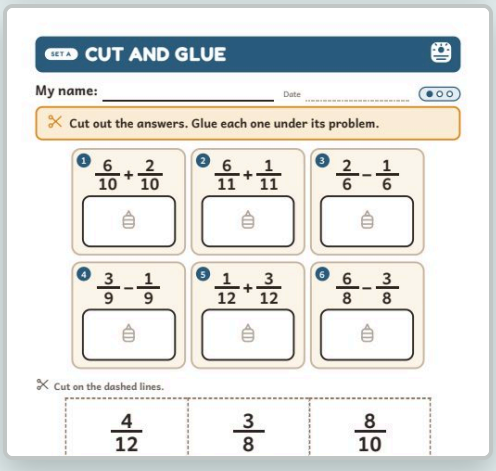












27 Pages | **7 Page Types** | **53 Problems** | **Drawn Bars**

BRIGHT PATH SPED

START HERE

QUICK START

One complete kit for one big idea: when the pieces are the same size, you add or subtract the parts and the size stays. Bars, shade, fill in, stories, and cut and glue — on pages with room to work, untimed.

THREE STEPS

1. **Look at the bars together**
   Page 5 shows one adding problem and one subtracting problem on a bar. The parts are the same size, so the bottom number never changes; only the top numbers are added or subtracted. Read it aloud with the child, then turn to Add 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 16, 17 and 18. Date each page on the tracker (page 19), roll a group up on page 20, and send the home page (22). A filled example is on page 23.

WHICH PAGE, WHEN

WHEN…	USE…
Meeting adding and subtracting parts for the first time	Look, page 5 · Add It, page 6
Ready to take parts away	Subtract It, page 7
Can add and subtract with a bar to count	Shade It, page 8
Ready for numbers only	Fill It In, pages 9, 10
Ready for a story	Word Problems, pages 11, 12
Better with cutting and gluing	Cut and Glue, pages 13, 14, 15
Ready to send practice home	Home page 22 · notes: page 21

Everything inside (27 pages)

- **11 student pages** in 7 page types: Look, Add It, Subtract It, Shade It, Fill It In, Word Problems and Cut and Glue
- **53 different problems** (27 adding, 26 subtracting), bottom numbers from 3 to 12, every one computed in code
- **18 cut-and-glue pieces** in 3 sets of six
- **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

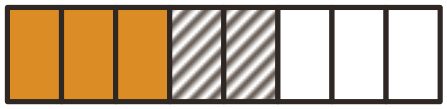
What makes it different

Every page starts from a picture the child can see: a bar cut into equal parts. Then the numbers come in. No problem 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

My name: _____ Date .....

Look at the bars. Then try the next page.



$$\frac{3}{8} + \frac{2}{8} = \frac{5}{8}$$

1. The bar has 8 equal parts. 3 parts are shaded.
2. Add 2 more parts: they have stripes.
3. 3 parts and 2 parts make 5 parts out of 8.
4. The bottom number stays 8. Add the top numbers: 3 + 2 = 5.



$$\frac{7}{10} - \frac{4}{10} = \frac{3}{10}$$

1. The bar has 10 equal parts. 7 parts are shaded.
2. Cross out 4 of the shaded parts.
3. 3 parts are left.
4. The bottom number stays 10. Subtract the top numbers: 7 − 4 = 3.

BARS

ADD IT

My name: _____ Date .....

Count the shaded parts. Write the sum.

1

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



2

$$\frac{3}{7} + \frac{1}{7} = \frac{\square}{7}$$



3

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



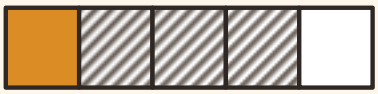
4

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



5

$$\frac{1}{5} + \frac{3}{5} = \frac{\square}{5}$$



BARS

SHADE IT

My name: _____ Date .....

Shade the bar to show it. Write the answer.

1. $\frac{7}{8} - \frac{2}{8}$  $= \frac{\square}{\square}$

2. $\frac{2}{9} + \frac{5}{9}$  $= \frac{\square}{\square}$

3. $\frac{6}{7} - \frac{2}{7}$  $= \frac{\square}{\square}$

4. $\frac{1}{5} + \frac{1}{5}$  $= \frac{\square}{\square}$

5. $\frac{2}{10} + \frac{4}{10}$  $= \frac{\square}{\square}$

SET B FILL IT IN

My name: _____ Date .....

Write the missing number.

1. $\frac{\square}{7} - \frac{3}{7} = \frac{2}{7}$

2. $\frac{\square}{10} - \frac{6}{10} = \frac{2}{10}$

3. $\frac{4}{11} + \frac{\square}{11} = \frac{6}{11}$

4. $\frac{\square}{8} - \frac{1}{8} = \frac{6}{8}$

5. $\frac{2}{9} + \frac{\square}{9} = \frac{5}{9}$

6. $\frac{\square}{12} + \frac{1}{12} = \frac{6}{12}$

SET A WORD PROBLEMS

My name: _____ Date .....

Read the story. Write the answer.

1 Mia painted 2/10 of a fence on Saturday and 5/10 of the same fence on Sunday. How much of the fence is painted?

Draw or show your work.

2 Priya had 3/4 of a page to color. Priya colored 2/4 of the page. How much of the page is left to color?

Draw or show your work.

3 A jug held 8/9 of a gallon of juice. Omar poured out 3/9 of a gallon. How much juice is left in the jug?

Draw or show your work.

4 Sam filled 1/7 of a water bottle in the morning and 5/7 more of the bottle after lunch. How much of the bottle is full now?

Draw or show your work.

SET A CUT AND GLUE

My name: _____ Date .....

Cut out the answers. Glue each one under its problem.

1. $\frac{6}{10} + \frac{2}{10}$

2. $\frac{6}{11} + \frac{1}{11}$

3. $\frac{2}{6} - \frac{1}{6}$

4. $\frac{3}{9} - \frac{1}{9}$

5. $\frac{1}{12} + \frac{3}{12}$

6. $\frac{6}{8} - \frac{3}{8}$

Cut on the dashed lines.

$\frac{4}{12}$	$\frac{3}{8}$	$\frac{8}{10}$
$\frac{1}{6}$	$\frac{7}{11}$	$\frac{2}{9}$

TRACKER

ADDING AND SUBTRACTING FRACTIONS TRACKER

STUDENT _____ TEACHER _____ MONTH _____

PAGE	PAGE TYPE AND SET	ITEMS	RIGHT	DATE	NOTES
6	Add It	5			
7	Subtract It	5			
8	Shade It	5			
9	Fill It In A	6			
10	Fill It In B	6			
11	Word Problems A	4			
12	Word Problems B	4			
13	Cut and Glue A	6			
14	Cut and Glue B	6			
15	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 53 items on the 10 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 16, 17 and 18. Filled example: page 23.

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 19.

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

TEACHER **Ms. Rivera (invented)**

MONTH **October**

PAGE	PAGE TYPE AND SET	ITEMS	RIGHT	DATE	NOTES
6	Add It	5	5	10/1	–
7	Subtract It	5	4	10/3	Changed the bottom number once
8	Shade It	5	4	10/6	Crossed out parts but counted them
9	Fill It In A	6	6	10/8	–
10	Fill It In B	6	5	10/10	Added when the problem said subtract
11	Word Problems A	4	3	10/14	Wrote the number from the story, not the answer
12	Word Problems B	4	–	–	–
13	Cut and Glue A	6	6	10/17	–
14	Cut and Glue B	6	5	10/20	Glued one bar under the wrong problem
15	Cut and Glue C	6	–	–	–

How to read it

Marcus T. has done **8 of 10** scored pages and got **38 of 43** items right with no prompt. **3** pages were all right. Every number here comes from the table above.

The family note this tracker would produce

"This month Marcus finished 8 fraction pages and got 38 of 43 items right. He sometimes mixed up adding and subtracting; asking 'did the pieces get smaller?' and reading the sign aloud 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: Subtract It, Shade It, Fill It In B, Word Problems A, Cut and Glue B. The 5 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 (2 of 10) are not tried yet, never wrong.

THANK YOU

BEFORE YOU GO

THANK YOU FOR USING THIS RESOURCE

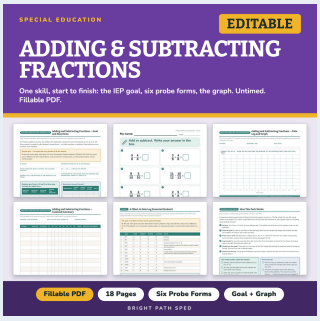
Everything here was built for the teacher who has a table of children who each need a different amount of support with fractions. If this helped, leaving feedback on TPT helps other teachers find it.

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**.

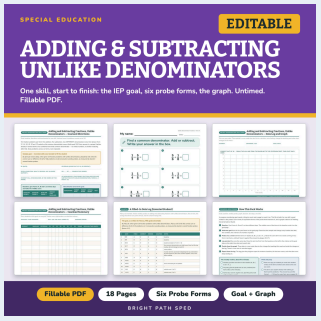
WHAT'S NEXT FROM THIS STORE

The data side of this skill, the next step with unlike denominators, comparing fractions, and equal fractions.



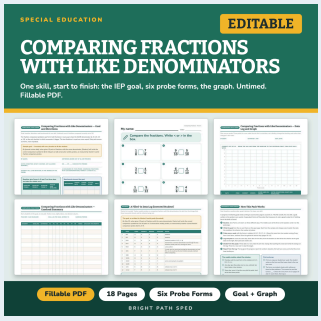
Adding and Subtracting Fractions with Like Denominators Probes

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



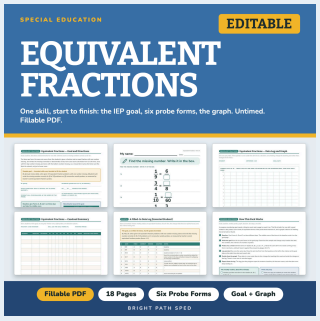
Adding and Subtracting Fractions with Unlike Denominators Probes

The next step: different bottom numbers.



Comparing Fractions with Like Denominators Probes

Which fraction is greater when the bottom numbers match?



Equivalent Fractions Progress Monitoring Probes

Same amount, different pieces.

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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