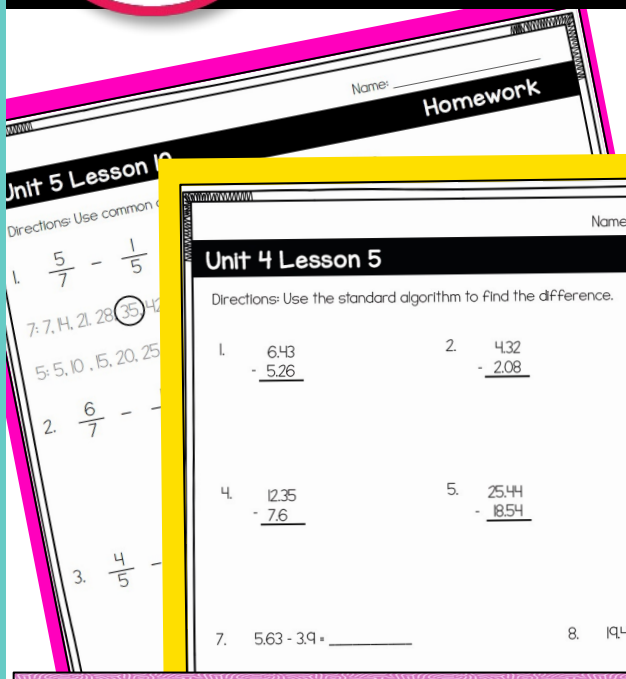
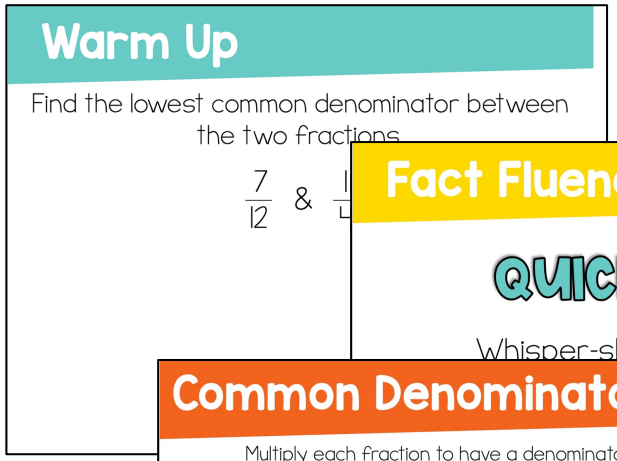
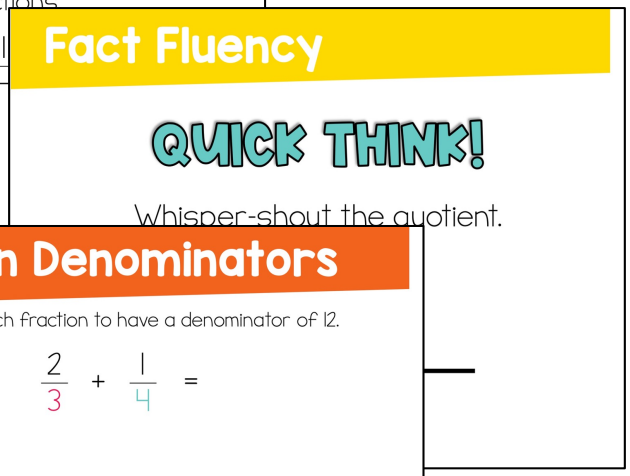
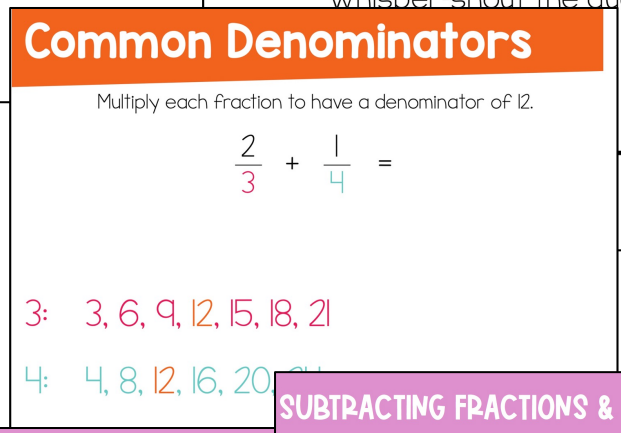
Decimal Operations

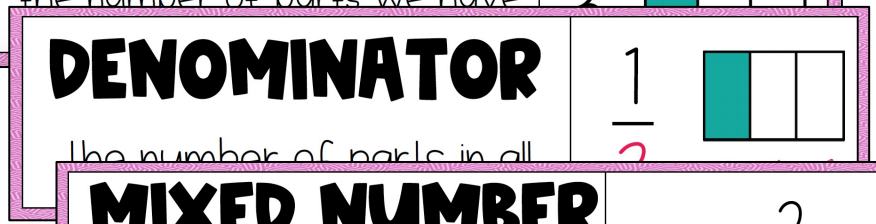
15 full days of math lesson plans, PowerPoints, & activities

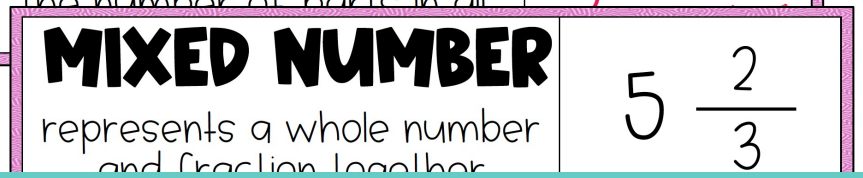


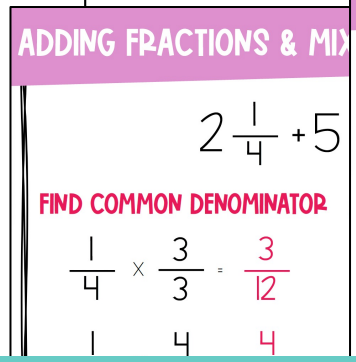


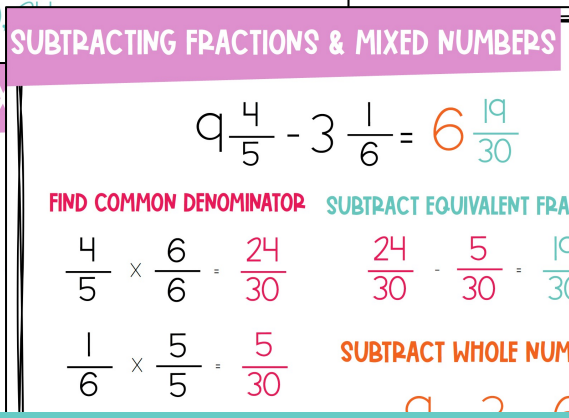












UNIT 5: ADD & SUBTRACT FRACTIONS at a glance

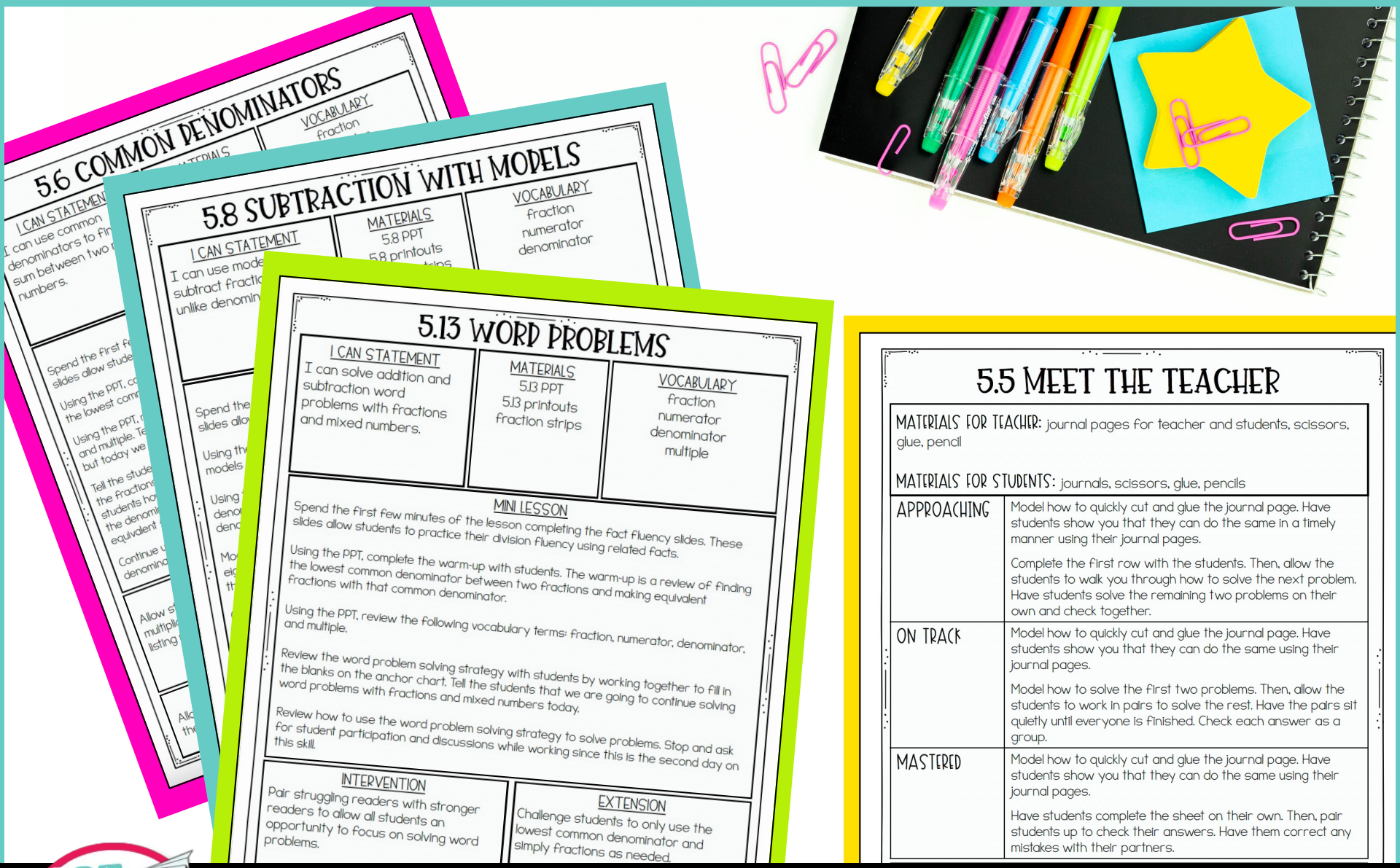
Day 1 Estimating Sums with Benchmarks	Day 2 Addition with Models	Day 3 Addition with Models (mixed numbers)	Day 4 Finding Common Denominators	Day 5 Addition Using Common Denominators
Day 6 Addition Using Common Denominators (mixed numbers)	Day 7 Estimating Differences with Benchmarks	Day 8 Subtraction with Models	Day 9 Subtraction with Models (mixed numbers)	Day 10 Subtraction with Common Denominators
Day 11 Subtraction with Common Denominators (mixed numbers)	Day 12 Word Problems	Day 13 Word Problems	Day 14 Review	Day 15 Assessment

THIS UNIT COVERS THE FOLLOWING COMMON CORE MATH STANDARDS: 5.NF.1 & 5.NF.2

Notes:

Not So Wimpy Teacher

Includes a pacing guide so you can see the whole unit at a glance.



5.5 MEET THE TEACHER

MATERIALS FOR TEACHER: journal pages for teacher and students, scissors, glue, pencil

MATERIALS FOR STUDENTS: journals, scissors, glue, pencils

APPROACHING	Model how to quickly cut and glue the journal page. Have students show you that they can do the same in a timely manner using their journal pages. Complete the first row with the students. Then, allow the students to walk you through how to solve the next problem. Have students solve the remaining two problems on their own and check together.
ON TRACK	Model how to quickly cut and glue the journal page. Have students show you that they can do the same using their journal pages. Model how to solve the first two problems. Then, allow the students to work in pairs to solve the rest. Have the pairs sit quietly until everyone is finished. Check each answer as a group.
MASTERED	Model how to quickly cut and glue the journal page. Have students show you that they can do the same using their journal pages. Have students complete the sheet on their own. Then, pair students up to check their answers. Have them correct any mistakes with their partners.

Not So Wimpy Teacher

Engaging whole & small group lessons are done for you, making prep & planning a breeze.

Subtraction with Models

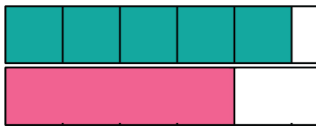
Use models to find the difference.

$$\frac{5}{8} - \frac{1}{2} =$$

Subtraction with Models

Next, model 1 half with fraction strips.

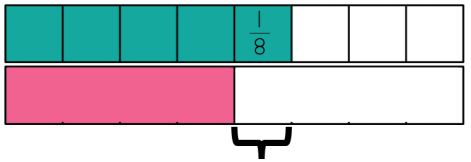
$$\frac{5}{8} - \frac{1}{2}$$



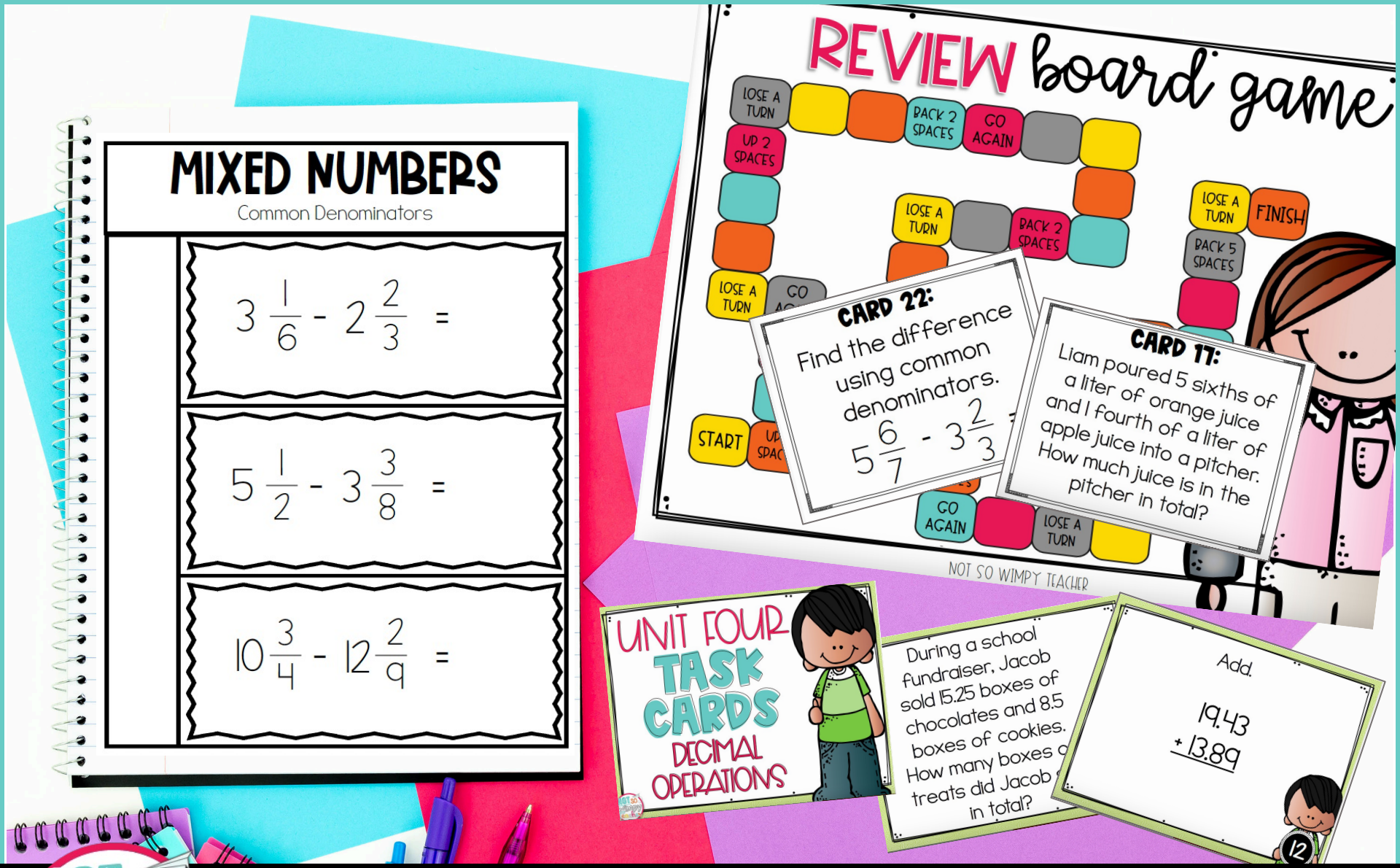
Subtraction with Models

We can see that the difference is 1 eighth.

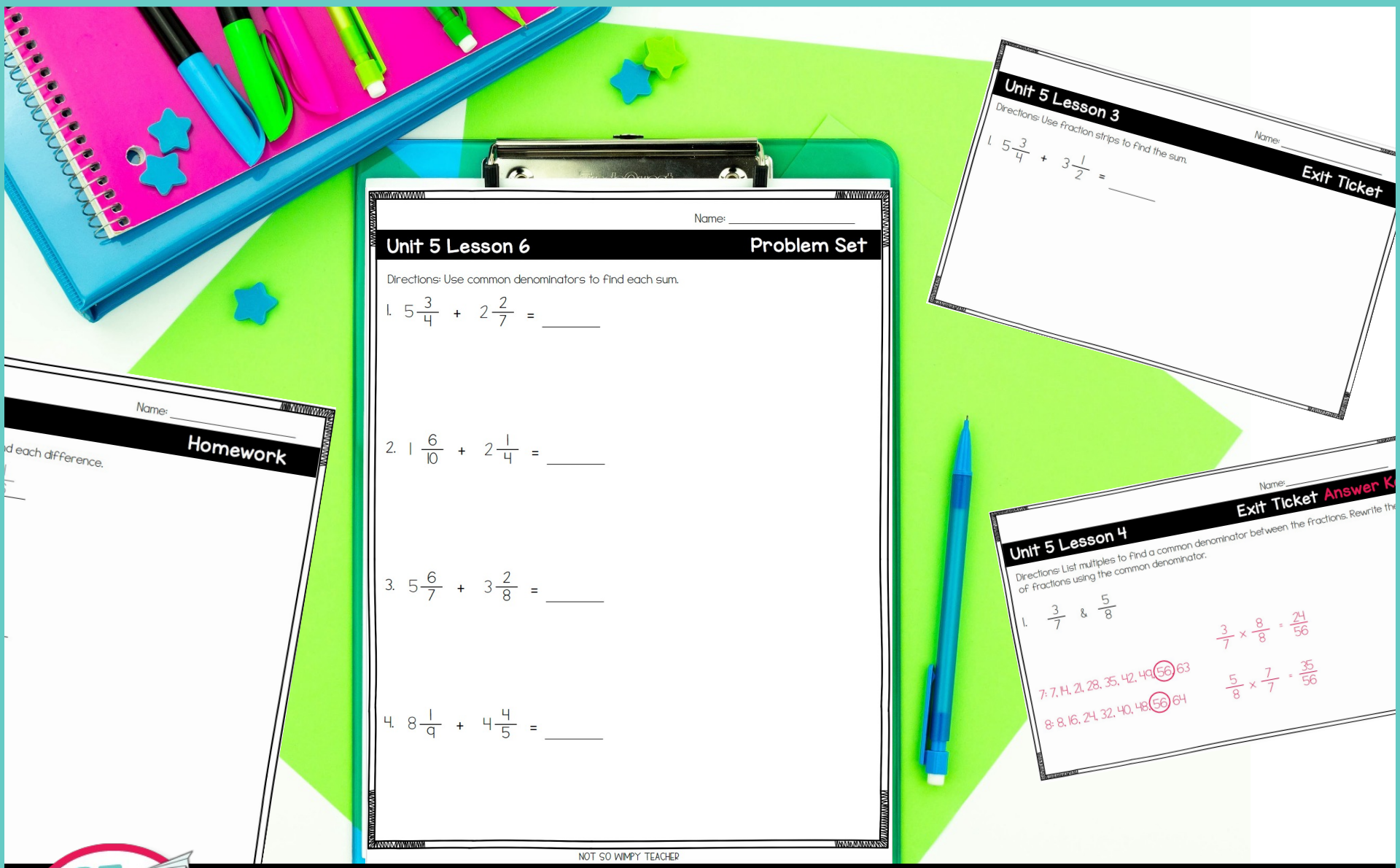
$$\frac{5}{8} - \frac{1}{2} = \frac{1}{8}$$



difference

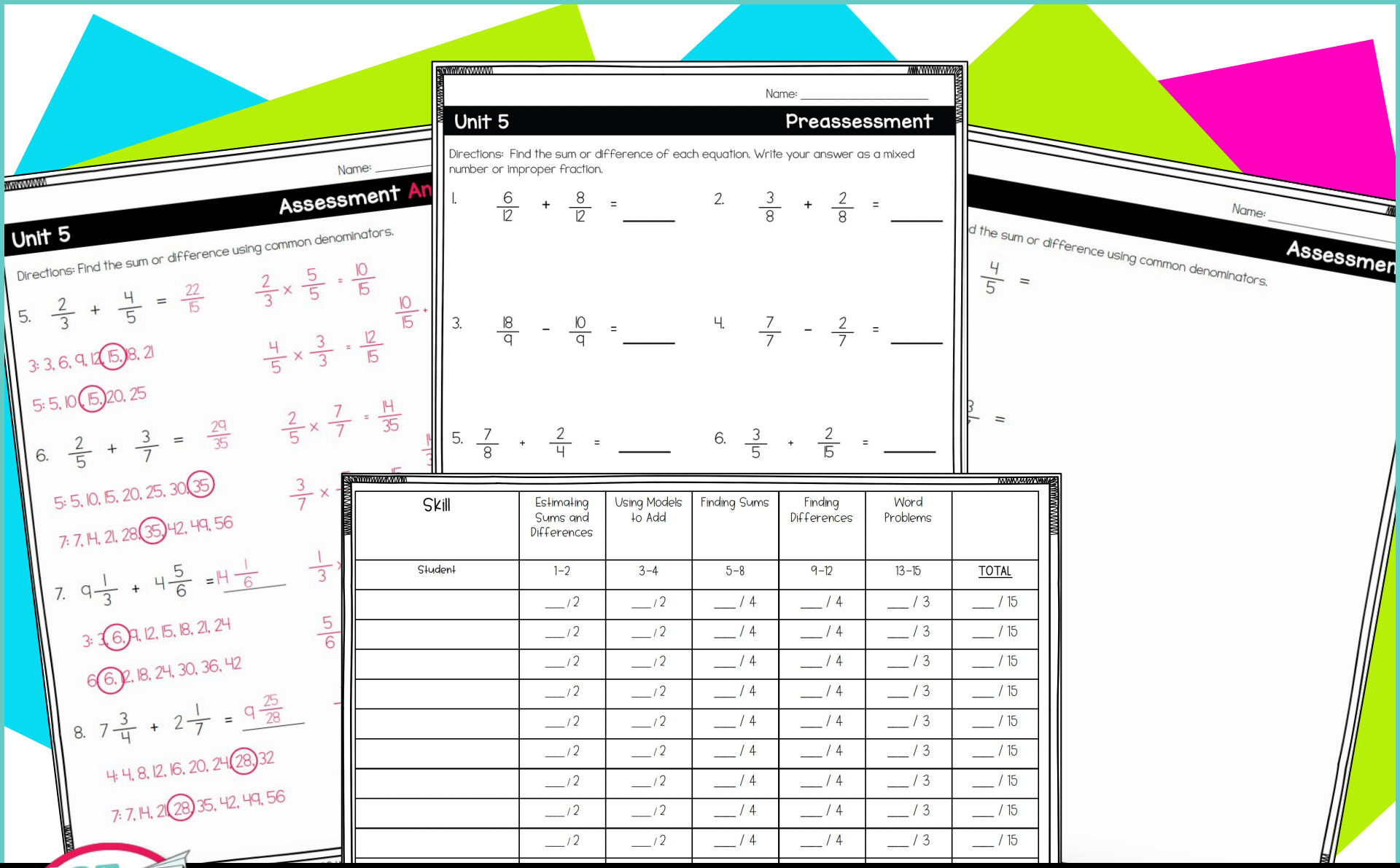


Get students excited with targeted, hands-on math activities & interactive notebooks.



Not So Wimpy Teacher

Includes problem sets, homework, and exit tickets for each day.



Track student progress with pre- & post-assessments and recording sheet.

Name: _____

Unit 5 Lesson 10 — Problem Set

Directions: Use comm... difference.

1. $\frac{2}{3} - \frac{1}{8}$

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

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

4. $\frac{9}{12}$

5.9 SUBTRACTION WITH MODELS

I CAN STATEMENT	MATERIALS	VOCABULARY
I can use models to subtract mixed numbers with unlike denominators.	5.9 PPT 5.9 printouts fraction strips	fraction numerator denominator

MINI LESSON

Spend the first few minutes of the lesson completing the fact fluency slides. These slides allow students to practice their division fluency using related facts.

Using the PPT, complete the warm-up with students. The warm-up is a review of drawing models to represent mixed numbers.

Using the PPT, review the following vocabulary terms: fraction, numerator, and denominator. Tell the students that we will be using our knowledge of numerators and denominators to draw models of mixed numbers today.

Tell the students that we will be subtracting mixed numbers today using models. We can use the same strategy as when we were subtracting fractions, and then we subtract the whole numbers. Model how to subtract 2 and 7 ninths and 1 and 2 sixths using models.

Continue using the PPT to model subtracting mixed numbers with fractions.

INTERVENTION

Have students focus on problems where the denominators are related so they will not need to switch to a new unit fraction to find the difference.

EXTENSION

Challenge students to subtract the mixed numbers without using fraction strips.

BENCHMARK

a commonly used fraction

used ...

$\frac{1}{2}$

MIXED NUMBER

represents a whole number and fraction together

$5\frac{2}{3}$

EQUIVALENT

equal to

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Not So Wimpy Teacher

Teach with confidence; each day is fully planned for you with all the tools you