



# Assess and Respond

Support, strengthen, and stretch learning by assigning these digital resources that adjust to each student's current level of skill and understanding: • **Boost Personalized Learning**  
• Fluency Practice • Math Adventures

## Quiz: Sub-Unit 2

Independent | 20 min

**Facilitation:** Assign this Sub-Unit Quiz at the end of Sub-Unit 2 to evaluate students' proficiency with the key concepts and skills addressed in this sub-unit.



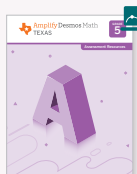
**TEKS**

(S) = Supporting standard  
(R) = Readiness standard

### Item Analysis

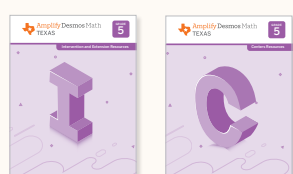
Problem	Concept or skill	DOK	TEKS
1	Adding and subtracting fractions and mixed numbers with unlike denominators	1	5.3.A (S) 5.1.C
2	Adding fractions with unlike denominators	1	5.3.H (S) 5.1.C
3	Subtracting fractions with unlike denominators	1	5.3.H (S) 5.1.C
4	Solving a story problem involving subtracting mixed numbers with unlike denominators	2	5.3.H (S) 5.1.B

#### Assessment Resources



- Student Print Assessments
- Answer Keys and Rubrics

#### Differentiation Resources



#### Intervention and Extension Resources include:

- Mini-Lessons
- Extensions

#### Centers Resources includes:

- Centers

#### Practice

During Sub-Unit 3, if students need further review or practice with concepts or skills, consider the following resources:

- Lesson Practice (Print and Digital)
- Item Bank (Digital)

Name \_\_\_\_\_ Date \_\_\_\_\_

## Quiz: Sub-Unit 2

Unit 5.5

- 1 Select
- THREE**
- expressions with a value greater than 1.

A.  $\frac{4}{5} + \frac{1}{8}$       **B.**  $\frac{2}{3} + \frac{1}{2}$       **C.**  $\frac{9}{4} - \frac{1}{8}$   
 D.  $3\frac{1}{6} - 2\frac{1}{5}$       **E.**  $\frac{4}{3} + \frac{1}{8}$       F.  $2\frac{2}{4} - \frac{4}{2}$

For Problems 2 and 3, determine the sum or difference.

- i Show or explain your thinking.
- Sample work shown.**

2  $\frac{3}{7} + \frac{9}{14}$

$$\frac{3 \times 2}{7 \times 2} = \frac{6}{14}$$

$$\frac{6}{14} + \frac{9}{14} = \frac{15}{14} \text{ or } 1\frac{1}{14}$$

answer:  $1\frac{1}{14}$   
or equivalent

3  $\frac{9}{10} - \frac{1}{4}$

$$\frac{9 \times 2}{10 \times 2} = \frac{18}{20}$$

$$\frac{1 \times 5}{4 \times 5} = \frac{5}{20}$$

$$\frac{18}{20} - \frac{5}{20} = \frac{13}{20}$$

answer:  $\frac{13}{20}$   
or equivalent

- 4 Diego ran
- $1\frac{3}{4}$
- miles on Monday and
- $2\frac{1}{6}$
- miles on Tuesday.
- 
- How many more miles did he run on Tuesday than Monday?

Monday



Tuesday



$$\frac{5}{12} \text{ miles or equivalent}$$

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**D Differentiation** (Quiz: Sub-Unit 2)To **Strengthen** and **Stretch** students' learning, refer to the differentiation resources suggested throughout this Sub-Unit.

Sub-Unit Goals	Problems	Respond to Student Thinking
<b>Sub-Unit 2:</b> <ul style="list-style-type: none"> <li>Represent addition and subtraction of fractions using objects and pictorial models.</li> <li>Add and subtract fractions and mixed numbers with related, unrelated, and unlike denominators.</li> </ul>	1–4	<p><b>Support</b></p> <ul style="list-style-type: none"> <li><b>Mini-Lessons:</b> <ul style="list-style-type: none"> <li><i>Adding and Subtraction With Unlike Denominators</i> (5.10)</li> <li><i>Choosing a Common Denominator</i> (ML 5.11)</li> <li><i>Adding Mixed Numbers With Unlike Denominators</i> (ML 5.12)</li> <li><i>Subtracting Mixed Numbers</i> (ML 5.14)</li> </ul> </li> <li><b>Teacher Move:</b> Have students review each problem. Then provide additional opportunities for students to calculate sums and differences of fractions and mixed numbers.</li> </ul>



Notes: