

Super-Journal Week 3:4

Every night, you should be reading at least 30 minutes of whatever book you have checked out from your assigned reading list. Tape or glue (but do not staple) this sheet into your Super-Journal on the left-side page. Fill in the table below *every day* by recording the required data.

Day	Title	Start Pg.	End Pg.	Parent Sign.
Monday				
Tuesday				
Wednesday				
Thursday				
Friday				
Saturday				
Sunday				

On the right-side page of your Super-Journal, answer two of the questions below throughout the week. Be sure that the questions you choose to answer go with the appropriate type of book (Fiction or Nonfiction). The Super-Journal is due on the first day after the weekend (usually Monday). To earn credit for your journal entry, you *must* respond in at least five complete sentences-per response and use **specific evidence from the text to support your claim** based on what you've read this week.

FICTION

1. What conflict or problem did you find in your reading?
2. Summarize what has happened so far in the story.
3. How did the characters solve the problem?

NONFICTION

4. What is the big idea the author has communicated in the text so far?
5. Write a summary of what you learned from the text this week.

RL.1.2/RI.1.2

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RL.1.2/RI.1.2

Lesson 9-7 • Reinforce Understanding
**Subtract Mixed Numbers
 with Unlike Denominators**

Name _____

Review

You can subtract mixed numbers by decomposing them into whole numbers and fractions.

Consider the equation: $5\frac{1}{4} - 2\frac{2}{9} = ?$

$$\begin{array}{r} 5\frac{1}{4} \\ - 2\frac{2}{9} \\ \hline \end{array} \quad \begin{array}{r} 5\frac{1 \times 9}{4 \times 9} \\ - 2\frac{2 \times 4}{9 \times 4} \\ \hline \end{array} \quad \begin{array}{r} 5\frac{9}{36} \\ - 2\frac{8}{36} \\ \hline 3\frac{1}{36} \end{array}$$

So, $5\frac{1}{4} - 2\frac{2}{9} = 3\frac{1}{36}$.

What is the difference?

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

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

3. $5\frac{5}{6} - 3\frac{1}{6}$

4. $5\frac{5}{6} - 1\frac{1}{4}$

5. $4\frac{7}{9} - 2\frac{2}{3}$

6. $3\frac{5}{6} - 2\frac{5}{8}$

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Lesson 9-6 • Reinforce Understanding
Add Mixed Numbers with Unlike Denominators

Name _____

Review

You can add mixed numbers by decomposing the addends into whole numbers and fractions. Consider the equation $5\frac{1}{4} + 2\frac{2}{9} = ?$

$$\begin{array}{r} 5\frac{1}{4} \\ + 2\frac{2}{9} \\ \hline \end{array} \quad \begin{array}{r} 5\frac{1 \times 9}{4 \times 9} \\ + 2\frac{2 \times 4}{9 \times 4} \\ \hline \end{array} \quad \begin{array}{r} 5\frac{9}{36} \\ + 2\frac{8}{36} \\ \hline 7\frac{17}{36} \end{array}$$

So, $5\frac{1}{4} + 2\frac{2}{9} = 7\frac{17}{36}$.

What is the sum?

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

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

3. $3\frac{1}{9} + 4\frac{5}{6}$

4. $1\frac{1}{2} + 5\frac{3}{7}$

5. $3\frac{2}{5} + 2\frac{2}{3}$

6. $1\frac{1}{4} + 3\frac{5}{8}$

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Solve Problems Involving Fractions and Mixed Numbers

Name _____

Review

Problems involving mixed numbers can be solved using known strategies for addition and subtraction of mixed numbers.

Problem	Work and Solution
Nancy has $3\frac{2}{5}$ cords of firewood. David has $4\frac{9}{10}$ cords of firewood. How many cords of firewood do they have in total?	$3\frac{2}{5} + 4\frac{9}{10}$ $= 3\frac{4}{10} + 4\frac{9}{10}$ $= 7\frac{13}{10}$ $= 8\frac{3}{10} \text{ cords}$

- Sheridan and Natalie are shucking corn. Sheridan shucks $6\frac{5}{8}$ pounds of corn. Natalie shucks $2\frac{3}{4}$ pounds of corn less than Sheridan. How many pounds of corn did Natalie shuck?
- Corben runs $4\frac{1}{2}$ miles on Monday, $6\frac{3}{10}$ miles on Tuesday, and $5\frac{4}{5}$ miles on Wednesday. How many total miles did Corben run?
- Rico is baking bread. He has $7\frac{7}{9}$ cups of flour and he uses $3\frac{5}{6}$ cups. How many cups of flour does he have left?

Add and Subtract Mixed Numbers with Regrouping

Name _____

Review

When adding and subtracting mixed numbers, it is sometimes necessary to rename whole numbers.

Consider the equation $5\frac{1}{6} - 2\frac{4}{5} = ?$

Step 1	Step 2	Step 3	Step 4
$5\frac{5}{30}$	$4 + 1 + \frac{5}{30}$	$4 + \frac{30}{30} + \frac{5}{30}$	$4\frac{35}{30}$
$- 2\frac{24}{30}$	$- 2\frac{24}{30}$	$- 2\frac{24}{30}$	$- 2\frac{24}{30}$
			$2\frac{11}{30}$

So, $5\frac{1}{6} - 2\frac{4}{5} = 2\frac{11}{30}$.

Add or subtract.

- $3\frac{5}{6} + 1\frac{1}{2} =$ _____
- $4\frac{2}{7} - 1\frac{1}{2} =$ _____
- $2\frac{4}{5} + 5\frac{1}{3} =$ _____
- $7\frac{1}{8} - 2\frac{3}{4} =$ _____
- $2\frac{5}{12} + 2\frac{7}{8} =$ _____
- $5\frac{1}{6} - 2\frac{7}{9} =$ _____