

### Homework

Hello Scholars. We will begin Chapter 7 this week, focusing on adding and subtracting fractions. Students will learn to add/subtract fractions using models, write fractions as sums, rename fractions and mixed numbers, and add/subtract mixed numbers. The **Chapter 7 Mid-Chapter Quiz is on Monday November 5, 2018**. Please use the homework questions as a review.

### Think Central Information

Scholars have access to Think Central assignments and the GO MATH! Student Interactive Book to review Chapter 7. <https://www-k6.thinkcentral.com/ePC/start.do>

**I-Ready** - Each scholar has an individualized weekly goal due on Sunday.

The 4th Grade Mathematics Curriculum depends on a strong foundation in multiplication and division. The remaining chapters require scholars to be fluent in all multiplication and division facts. Fluency in multiplication and division facts, 1 through 9, is essential for your success. Please use Reflex Math to reinforce your facts, <https://www.reflexmath.com>, Sumdog ([www.sumdog.com](http://www.sumdog.com)), or [www.multiplication.com](http://www.multiplication.com) (to focus on individual facts).

### Notes

Scholars **MUST** prove and show all their work. If additional space is needed, please feel free to attach lined paper. Failure to show your work will result in a lower grade. Please complete the homework to the best of your abilities.

<u>Monday</u>	October 29 <sup>th</sup>	– FSA Day 36 (1 page)
<u>Tuesday</u>	October 30 <sup>th</sup>	– 7.1 (1 page)
<u>Wednesday</u>	October 31 <sup>st</sup>	– Happy Halloween
<u>Thursday</u>	November 1 <sup>st</sup>	– 7.3 (1 page)
<u>Friday</u>	November 2 <sup>nd</sup>	– 7.4 (1 page) – Finish i-Ready due Sunday

Homework will be checked daily in class. Completed homework packets are due on November 5<sup>th</sup>, 2018.

<u>Monday</u> October 29 <sup>th</sup>	<u>Tuesday</u> October 30 <sup>th</sup>	<u>Wednesday</u> October 31 <sup>st</sup>	<u>Thursday</u> November 1 <sup>st</sup>	<u>Friday</u> November 2 <sup>nd</sup>

Name: \_\_\_\_\_ Section: \_\_\_\_\_

# 100 Day Countdown to the 4<sup>th</sup> Grade Math FSA – Day 36

MAFS.4.NF.1.2

1. Select  $>$ ,  $<$ , or  $=$  to complete a true statement about each pair of fractions.

$$\frac{3}{5} \bigcirc \frac{5}{12}$$

$$\frac{5}{6} \bigcirc \frac{3}{8}$$

$$\frac{1}{3} \bigcirc \frac{3}{5}$$

MAFS.4.NF.1.2

2. Dell bought  $\frac{2}{9}$  pound of M&M's and  $\frac{1}{3}$  pound of Snickers to take as a snack to the movies. Use the numbers to compare the amount of candy Dell bought.

1	3
2	9

$$\frac{\square}{\square} < \frac{\square}{\square}$$

MAFS.4.NF.1.2

3. In class today,  $\frac{1}{4}$  of the students wore shorts and  $\frac{3}{12}$  of the students wore jeans. Which statement correctly compares the fractions?

A.  $\frac{1}{4} = \frac{3}{12}$

B.  $\frac{1}{4} > \frac{3}{12}$

C.  $\frac{3}{12} < \frac{1}{4}$

D.  $\frac{1}{4} < \frac{3}{12}$

MAFS.4.NF.1.2

4. Compare the pair of fractions below. Match the statements to the correct symbol. Each symbol may be used more than once or not at all

$$\frac{3}{4} \bigcirc \frac{5}{8} \quad \bullet \quad \bullet <$$

$$\frac{5}{8} \bigcirc \frac{6}{9} \quad \bullet \quad \bullet >$$

$$\frac{6}{9} \bigcirc \frac{3}{4} \quad \bullet \quad \bullet =$$

MAFS.4.NF.1.2

5. Vern has two fraction models, each divided into equal-sized sections. The models are shaded to represent the same fraction.

Model A is divided into 3 sections, and 2 sections are shaded.



Model B is divided into 12 sections.



What do you know about the number of sections shaded in Model B? Explain your answer

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Name: \_\_\_\_\_

Score: \_\_\_\_/5

Percentage: \_\_\_\_%

# Problem Solving – Add & Subtract Parts of a Whole

Read and solve.

1. Write an equation for the model.



2. Write an equation for the model.



3. Write an equation for the model.



4. Write an equation for the model.



5. Write the fraction as a sum of unit fractions.

$$\frac{7}{9} =$$

6. Write the fraction as a sum of unit fractions.

$$\frac{3}{5} =$$

7. Mike used a unit fraction to show how much homework he completed. Which fraction did Mike use?

a.  $\frac{3}{6}$

c.  $\frac{1}{6}$

b.  $\frac{2}{6}$

d.  $\frac{5}{6}$

8. Macie ordered a pizza and ate  $\frac{5}{12}$ . She put each remaining slice into its own Ziploc bag for lunch. How many bags did she use?

9. Macie ordered a pizza and ate  $\frac{5}{12}$ . She put each remaining slice into its own Ziploc bag for lunch. How many bags did she use?

10. Write the fraction as a sum of fractions three different ways.

$$\frac{9}{10} =$$

$$\frac{9}{10} =$$

$$\frac{9}{10} =$$

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

Problem  
Solving  
7.3

## Problem Solving – Adding Fractions

Read and solve.

1. Find the sum.

$$\frac{2}{8} + \frac{1}{8} =$$

2. Find the sum.

$$\frac{3}{14} + \frac{5}{14} =$$

3. Find the sum.

$$\frac{3}{10} + \frac{4}{10} =$$

4. Find the sum.

$$\frac{3}{12} + \frac{9}{12} =$$

5. Find the sum.

$$\frac{1}{6} + \frac{4}{6} =$$

6. Find the sum.

$$\frac{4}{9} + \frac{2}{9} =$$

7. Find the sum.

$$\frac{4}{11} + \frac{3}{11} =$$

8. Find the sum.

$$\frac{4}{14} + \frac{5}{14} =$$

9. Doug ran  $\frac{4}{12}$  of a mile in the morning and  $\frac{5}{12}$  of a mile in the evening. How much did he run in total?

10. Trevor ate  $\frac{3}{16}$  of the pizza and Tyler ate  $\frac{6}{16}$  of the pizza. How much of the pizza did they eat together?

11. Riya needs  $\frac{3}{15}$  yard of ribbon to wrap a gift for her brother and  $\frac{4}{15}$  yard of ribbon to wrap a gift for her mother. How much ribbon does she need to wrap both gifts?

12. Mia mixed  $\frac{3}{4}$  pound of white sugar with  $\frac{1}{4}$  pound of brown sugar to make cookies. How many pounds of sugar did she mix in all?

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

Problem  
Solving  
7.4

# Problem Solving – Subtracting Fractions

Read and solve.

1. Find the difference.

$$\frac{4}{7} - \frac{1}{7} =$$

2. Find the difference.

$$\frac{9}{12} - \frac{5}{12} =$$

3. Find the difference.

$$\frac{7}{8} - \frac{2}{8} =$$

4. Find the difference.

$$\frac{8}{10} - \frac{4}{10} =$$

5. Find the difference.

$$1 - \frac{1}{4} =$$

6. Find the difference.

$$\frac{5}{6} - \frac{4}{6} =$$

7. Find the difference.

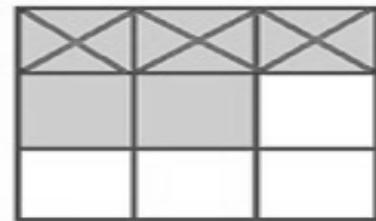
$$\frac{7}{9} - \frac{3}{9} =$$

8. Find the difference.

$$1 - \frac{7}{12} =$$

9. Jon ran  $\frac{10}{12}$  of a mile in the morning and his brother ran  $\frac{7}{12}$  of a mile in the evening. How much farther did Jon run than his brother?

10. What equation does the model show?



11. Neel bought  $\frac{10}{15}$  pound of walnuts. He used  $\frac{3}{15}$  pound of walnuts for banana bread. How many pounds of walnuts did Neel have leftover?

12. Tina finished  $\frac{8}{9}$  of her math homework and Carlos completed  $\frac{6}{9}$  of his math homework. How much more homework did Tina finish than Carlos?