

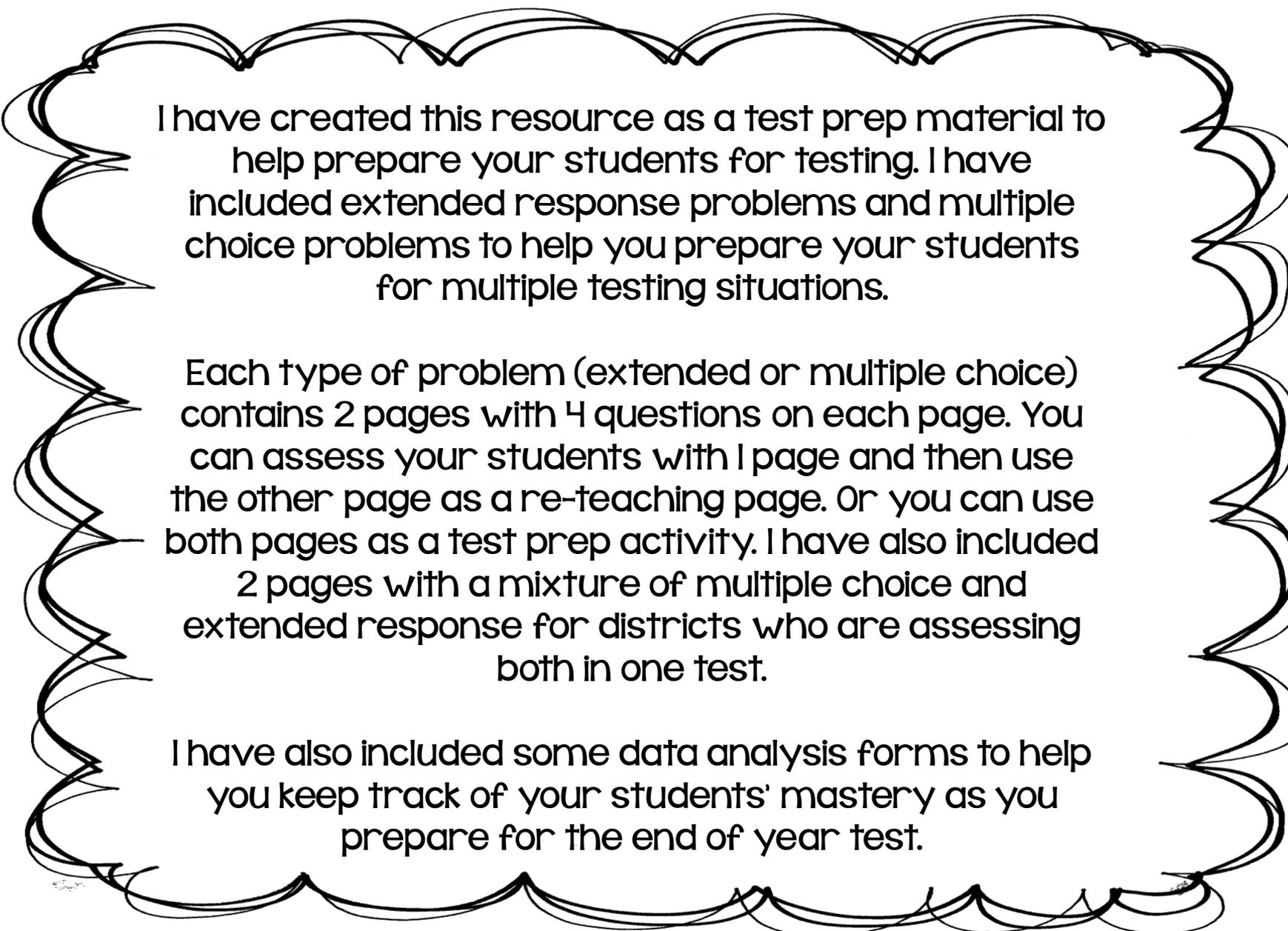
# 5<sup>th</sup> Grade Common Core Test Helper:

**Adding and Subtracting  
Fractions with  
Unlike Denominators  
Word Problems**

Extended  
Response and  
Multiple  
Choice

6 Pages of  
Review/24  
Total  
Problems

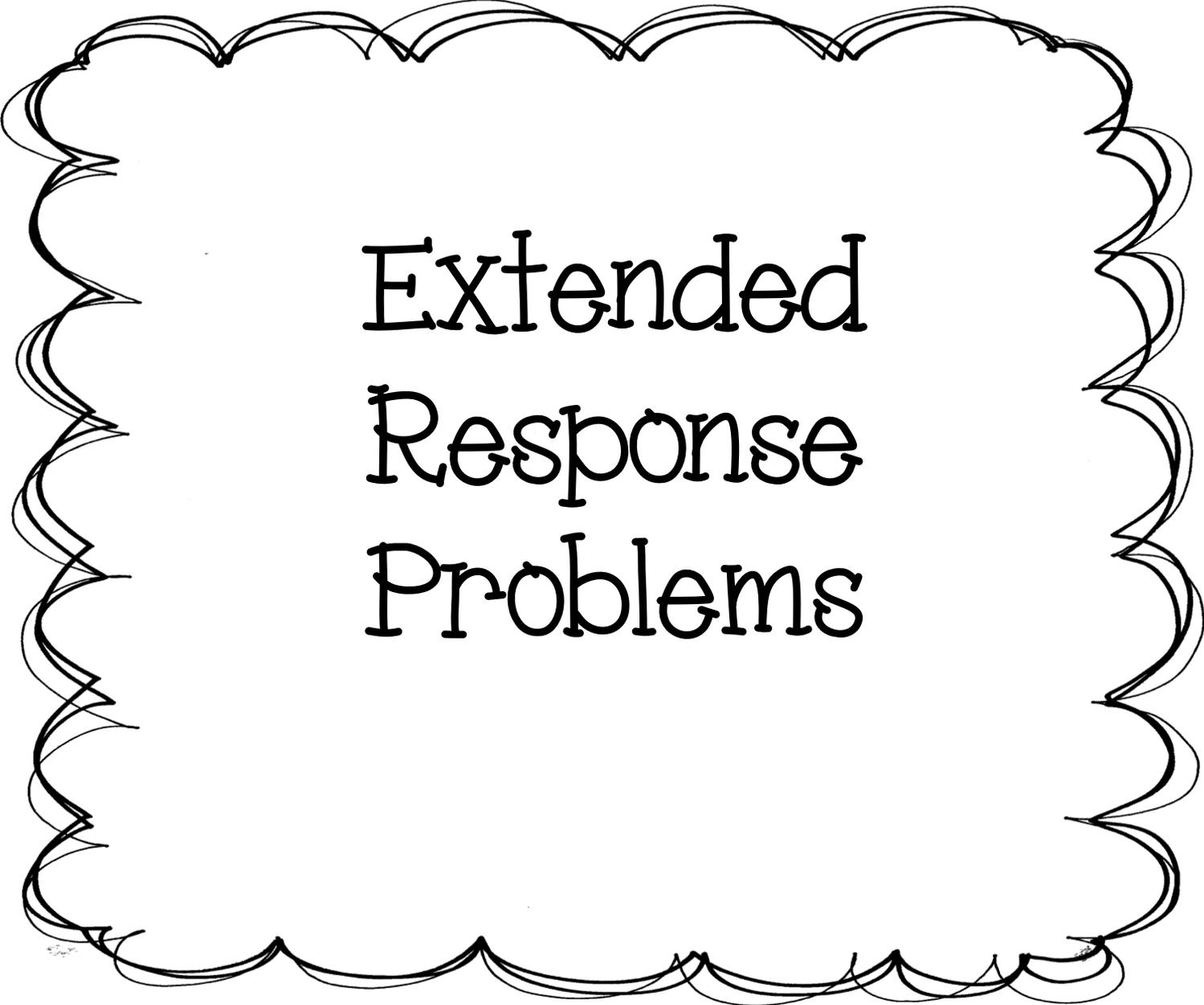
Data  
Analysis  
Forms  
Included!



I have created this resource as a test prep material to help prepare your students for testing. I have included extended response problems and multiple choice problems to help you prepare your students for multiple testing situations.

Each type of problem (extended or multiple choice) contains 2 pages with 4 questions on each page. You can assess your students with 1 page and then use the other page as a re-teaching page. Or you can use both pages as a test prep activity. I have also included 2 pages with a mixture of multiple choice and extended response for districts who are assessing both in one test.

I have also included some data analysis forms to help you keep track of your students' mastery as you prepare for the end of year test.



Extended  
Response  
Problems

1. George's mom planted a garden.  $\frac{1}{3}$  of the garden was used for tulips,  $\frac{1}{5}$  of the garden was used for roses. What was the total amount of the garden used for the roses and tulips?

2. Miguel has a bag of skittles. He eats  $\frac{1}{4}$  of the bag and gives  $\frac{1}{8}$  away to his friend, Paul. How much does he have left?

3. The table shows the height of three students.

Student	Height
Alexis	$4\frac{1}{2}$ inches
Kevin	$5\frac{2}{6}$ inches
Tyreick	$4\frac{9}{10}$ inches

What is the difference between Kevin's height and Tyreick's height?

4. The amount of time two teams read for a contest are shown below.

- Amanda's team read for  $\frac{8}{10}$  of an hour.
- Michael's team read for  $1\frac{3}{4}$  hours.

What is the combined total of these two amounts?

1. Belinda used three different color markers to paint one poster.

- $\frac{1}{2}$  of the poster was the color red.
- $\frac{1}{6}$  of the poster was the color yellow.
- The rest was the color blue.

What fraction of her poster was painted blue?

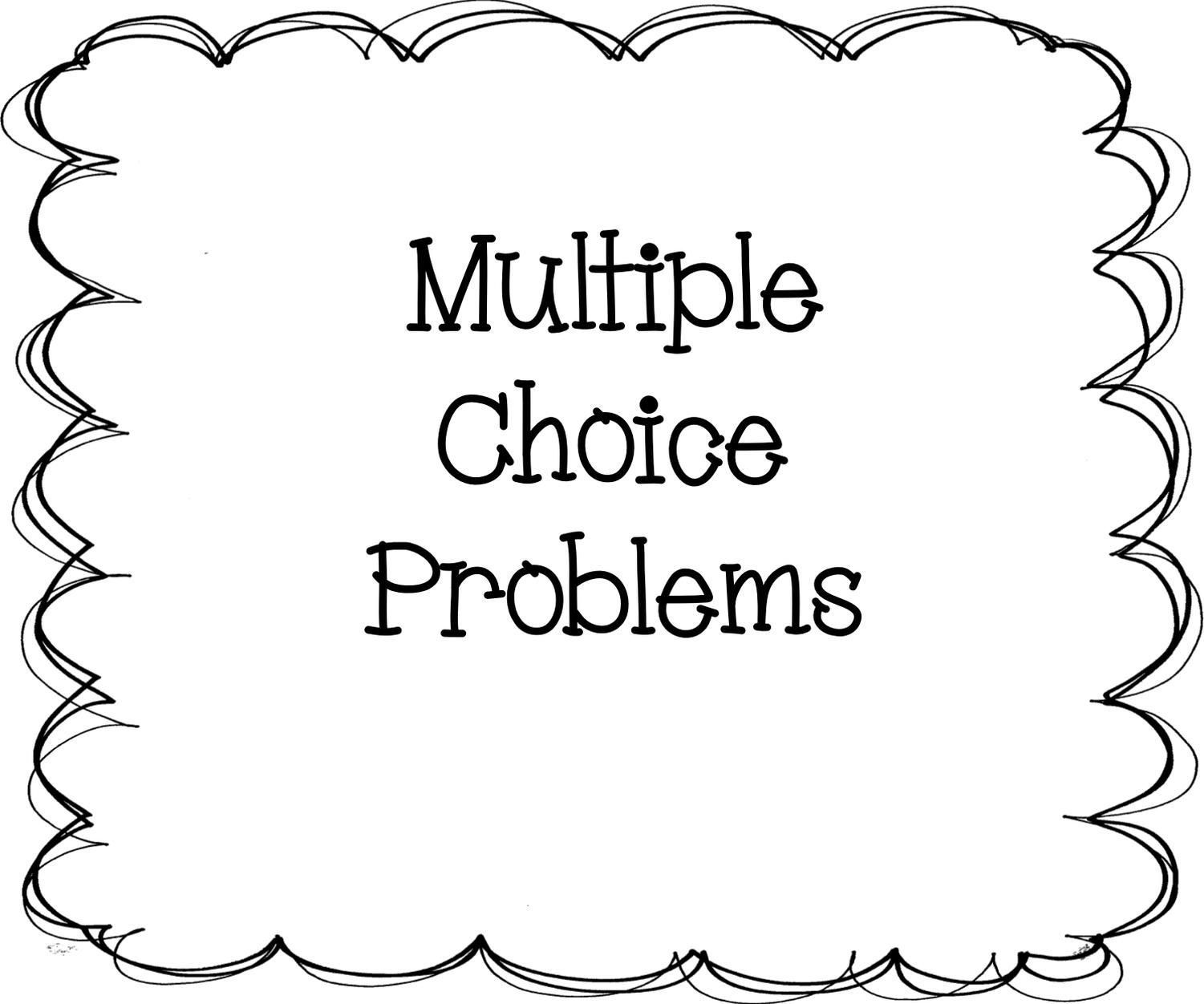
2. Billy has two ropes. The first rope is  $\frac{4}{7}$  of a foot and the second rope is  $1\frac{3}{4}$  feet. How much longer is the second rope than the first rope?

3. The table shows the amount of time Joan ran in a week..

Day	Amount of Time
Monday	$1\frac{1}{3}$ hours
Tuesday	$2\frac{1}{6}$ hours
Thursday	$1\frac{5}{8}$ hours

What is the total number of hours Joan ran?

4. A recipe requires  $\frac{3}{4}$  cup of milk and  $1\frac{1}{2}$  cups of water. What is the difference between the amount of water needed and the amount of milk needed?



Multiple  
Choice  
Problems

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

1. Samantha is making 2 pots of clay. Each pot requires  $1 \frac{1}{6}$  pounds of clay. Samantha has  $4 \frac{1}{2}$  pounds of clay. How much clay will she have leftover after making her two pots?

- a.  $3 \frac{1}{3}$  pounds
- b.  $2 \frac{1}{6}$  pounds
- c.  $2 \frac{1}{3}$  pounds
- d.  $6 \frac{5}{6}$  pounds

2. Fran bought two containers of fruit. The container of strawberries weighed  $16 \frac{1}{4}$  ounces and the container of grapes weighed  $21 \frac{2}{3}$  ounces. What was the total weight of the fruit that Fran purchased?

- a.  $37 \frac{3}{7}$  ounces
- b.  $5 \frac{5}{12}$  ounces
- c.  $37 \frac{11}{21}$  ounces
- d. 5 ounces

3. The table shows the width of three erasers.

Eraser	Width
1	$\frac{3}{4}$ of an inch
2	$\frac{9}{10}$ of an inch
3	$\frac{7}{8}$ of an inch

What was the difference in the width of eraser 2 and eraser 1?

- a.  $\frac{1}{8}$  of an inch
- b.  $\frac{1}{40}$  of an inch
- c.  $1 \frac{13}{20}$  inches
- d.  $\frac{3}{20}$  of an inch

4. The distance that two friends ran is shown below.

- Artie ran  $\frac{7}{8}$  of a mile.
- Shelley ran  $\frac{2}{5}$  of a mile.

How much farther did Artie run than Shelley?

- a.  $\frac{19}{40}$  of a mile
- b.  $\frac{9}{13}$  of a mile
- c.  $1 \frac{11}{40}$  of a mile
- d.  $\frac{33}{40}$  of a mile

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

1. A family planted a garden.

- $\frac{1}{3}$  of the garden was tomatoes
- $\frac{2}{8}$  of the garden was green beans
- The rest of the garden was corn.

What fraction of the family's garden was corn?

a.  $\frac{5}{12}$   
 b.  $\frac{1}{12}$   
 c.  $\frac{7}{12}$   
 d.  $\frac{6}{12}$

2. Two friends are hiking up a mountain. They have a total of  $36 \frac{3}{9}$  meters to hike. They have already hiked  $23 \frac{1}{8}$  meters. How many more meters did they need to hike?

a.  $59 \frac{1}{24}$  meters  
 b.  $13 \frac{23}{72}$  meters  
 c.  $13 \frac{5}{24}$  meters  
 d. 60 meters

3. The table shows the ingredients needed in a recipe.

Ingredient	Amount Needed
Flour	$\frac{1}{2}$ cup
Sugar	$\frac{2}{3}$ cup
milk	$1 \frac{1}{4}$ cups

What is the combined amount of flour and sugar needed for the recipe?

a.  $2 \frac{5}{12}$  cups  
 b.  $\frac{1}{6}$  of a cup  
 c.  $1 \frac{1}{12}$  cups  
 d.  $1 \frac{1}{6}$  cups

4. Brody takes medicine twice a day. In the morning he takes  $7 \frac{1}{2}$  milliliters and in the evening he takes  $3 \frac{3}{4}$  milliliters. How much medicine does Brody take each day?

a.  $3 \frac{3}{4}$  milliliters  
 b.  $11 \frac{1}{4}$  milliliters  
 c.  $10 \frac{1}{4}$  milliliters  
 d. 11 milliliters



Mixed  
Response  
Problems

1. Katy is baking a cake. She needs  $1\frac{1}{2}$  cups of flour. She has  $\frac{9}{10}$  of a cup already. How much more flour does she need?

- a.  $2\frac{2}{5}$  cups
- b.  $\frac{3}{5}$  of a cup
- c. 2 cups
- d.  $\frac{1}{5}$  of a cup

2. Two twins are born in a hospital. One of the infants weighs  $10\frac{4}{9}$  pounds and the other infant weighs  $8\frac{1}{3}$  pounds. How much do both twins weigh together?

3. The table shows the total time three friends jumped rope over the course of a week.

Name	Time
Bridget	$\frac{7}{10}$ of an hour
Daniel	$\frac{3}{4}$ of an hour
Blake	$\frac{1}{2}$ of an hour

What is the combined total of the three friends' times?

4. The amount of paint that Sam needs is listed below.

- $\frac{6}{7}$  can of green paint.
- $1\frac{3}{9}$  cans of beige paint.

Which fraction represents how much more beige paint Sam needs than green paint?

- a.  $2\frac{4}{21}$
- b.  $1\frac{5}{21}$
- c.  $1\frac{1}{21}$
- d.  $\frac{10}{21}$

1. George filled his car with  $10 \frac{3}{4}$  gallons of gas on Monday. When he checked his tank on Friday, he had  $2 \frac{1}{8}$  gallons of gas. How much gas had he used since Monday?

2. Vanessa and Hayley are eating out of the same box of cereal. Vanessa ate  $\frac{1}{8}$  of the box and Hayley ate  $\frac{2}{5}$  of the box. Which fraction represents how much of the box the girls ate together?

- a.  $\frac{21}{40}$
- b.  $\frac{17}{40}$
- c.  $\frac{7}{40}$
- d.  $\frac{11}{40}$

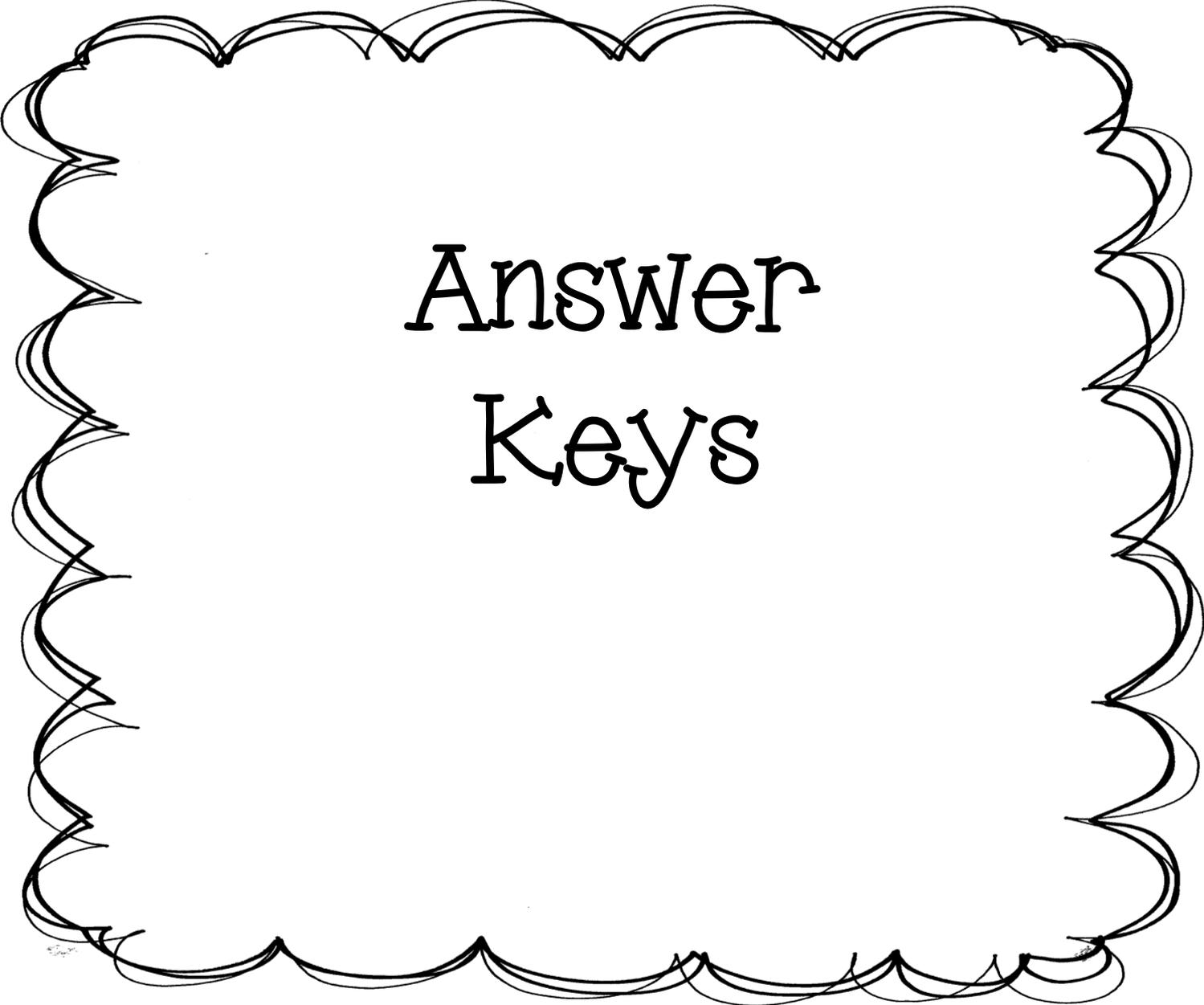
3. The table shows the distance three paper airplanes flew.

Airplane	Distance
X	$4 \frac{1}{8}$ feet
Y	$5 \frac{2}{10}$ feet
Z	$3 \frac{8}{9}$ feet

How much farther did the airplane Y travel than airplane Z?

- a.  $9 \frac{4}{45}$  feet
- b.  $1 \frac{3}{40}$  feet
- c.  $1 \frac{14}{45}$  feet
- d.  $9 \frac{13}{40}$  feet

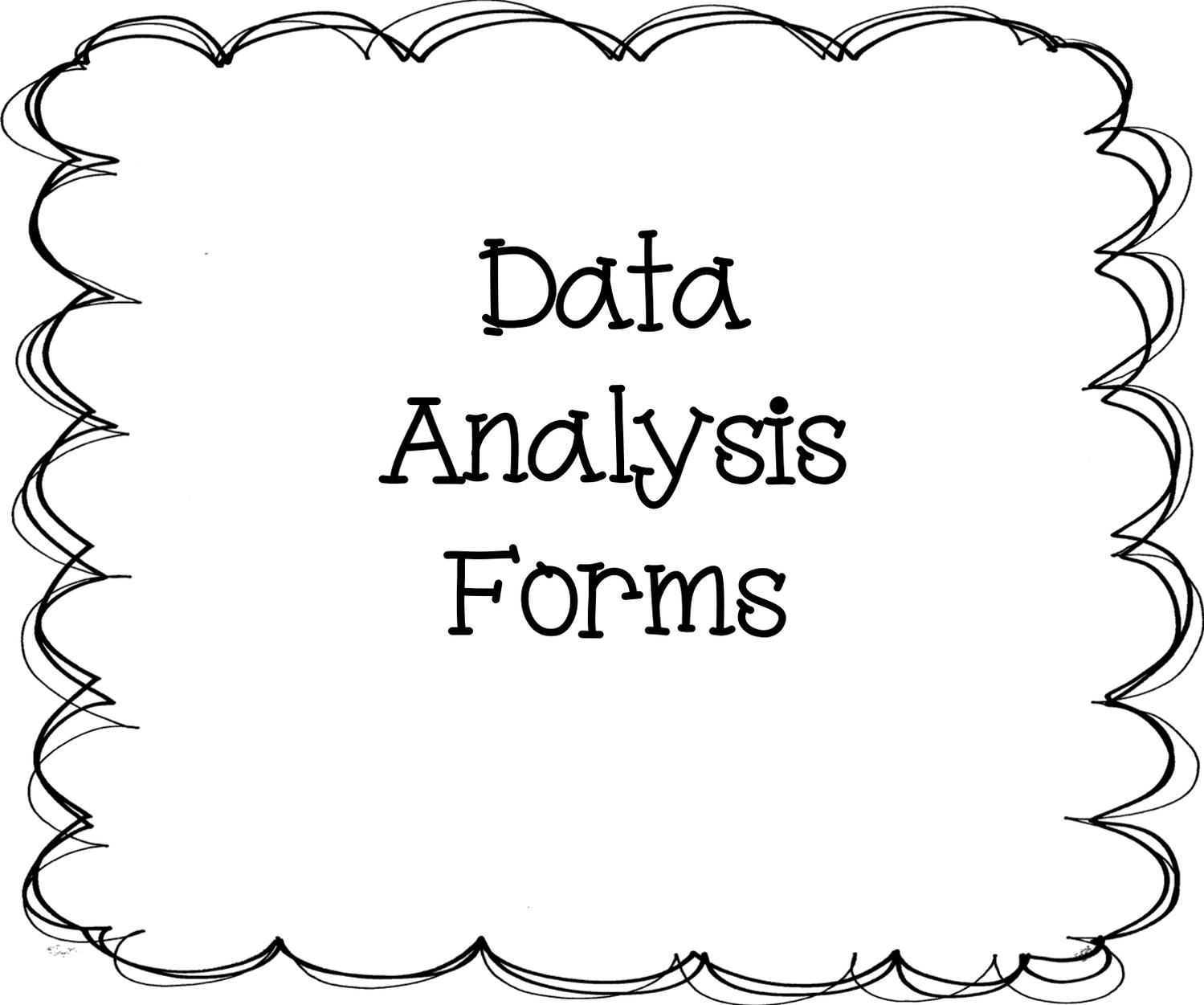
4. Mary is baking a dessert for her family's reunion. She needs  $\frac{7}{8}$  cups of brown sugar and  $1 \frac{1}{2}$  cups of white sugar. How much total sugar does she need for her dessert?



Answer  
Keys

# Answer Keys

Practice 1	Practice 2	Practice 3	Practice 4	Practice 5	Practice 6
1. $\frac{8}{15}$ of the garden	1. $\frac{2}{6}$ or $\frac{1}{3}$ of the poster	1. B	1. A	1. B	1. $8\frac{5}{8}$ gallons
2. $\frac{5}{8}$ of the bag	2. $\frac{9}{14}$ of a foot	2. C	2. C	2. $18\frac{7}{9}$ pounds	2. A
3. $\frac{13}{30}$ inches	3. $5\frac{3}{24}$ or $5\frac{1}{8}$ hours	3. D	3. D	3. $1\frac{19}{20}$ hours	3. C
4. $2\frac{11}{20}$ hours	4. $\frac{3}{4}$ of a cup	4. A	4. B	4. D	4. $2\frac{3}{8}$ cups



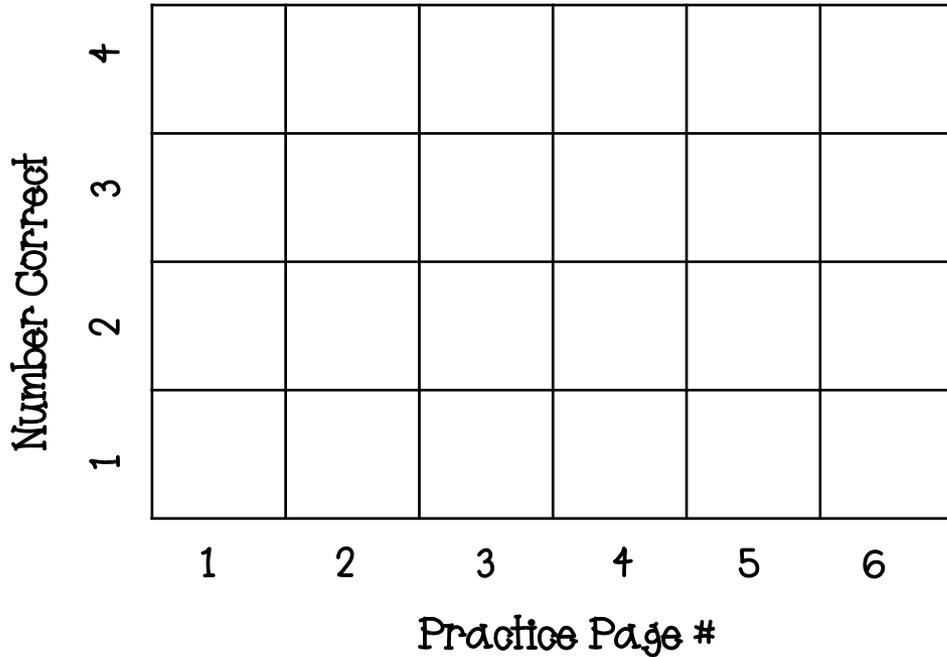
Data  
Analysis  
Forms

# Data Analysis: Re-Teaching Groups

Practice 1		Practice 2		Practice 3		Practice 4		Practice 5		Practice 6	
Question	Re-teaching Group										
1		1		1		1		1		1	
2		2		2		2		2		2	
3		3		3		3		3		3	
4		4		4		4		4		4	

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

Directions: Graph how many questions you answered correctly on the graph below.



Reflection:

Did you improve? Why or why not?

What helped you do your best?

What can you still do to make sure you are trying your best?

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

Directions: Put a checkmark for questions answered correctly and an X for questions missed.

Practice 1	
1.	2.
3.	4.

Practice 2	
1.	2.
3.	4.

Practice 3	
1.	2.
3.	4.

Practice 4	
1.	2.
3.	4.

Practice 5	
1.	2.
3.	4.

Practice 6	
1.	2.
3.	4.

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

If you like this resource, make sure you check out my other 5<sup>th</sup> Grade Common Core Aligned Resources.



Follow my blog for updates and freebies.



Thanks!  
Jennifer Findley

**Credits:**  
Teaching in a Small Town  
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