

# 5th Grade Summer Packet

May 31, 2019

Dear Incoming 5th Grade Students and Families,

Welcome to a wonderfully exciting year in 5th Grade! This year you will read many exciting novels and learn the structure of English. Also, you will have the opportunity to participate in hands-on science experiments, Lego Engineering and Lego Robotics, learn about atoms and compounds, raise Steelhead in the classroom while learning about the Russian River Watershed, and participate in fun and exciting field trips that support environmental education. You will also learn about the history of the United States including the Native Americans, European Explorers, the life of Colonial Americans, and the Revolutionary War. Fifth Grade will undoubtedly be a memorable year!

Students are highly encouraged to read a minimum of 20 minutes a day. There is scientific evidence that shows reading at least a minimum of 20 minutes a day will expand comprehension of any written text immensely. In 5th Grade, we move away from at home book reports, to reading assigned in class novels that allow for enriching discussion, expansion of comprehension, and above all to learn how to develop a love for reading and knowledge within an academic setting.

During the summer, students are required to read two out of the <sup>six</sup> ~~five~~ novels:

*The City of Ember* by Jeanne DuPrau

*The Sign of the Beaver* by Elizabeth George Speare

*A Wrinkle in Time* by Madeleine L'Engle

*One Crazy Summer* by Rita Williams-Garcia

*The One and Only Ivan* by Katherine Applegate

*Out of My Mind* by Sharon M. Draper

In addition to reading the novels, students will choose their favorite out of the six and respond to the list of literature questions, and a review for the other chosen novel. The response to literature and the review of the novel will be due on the first day of school.

The public library is a free resource available to all and visiting the library is an experience all children should have. This also allows students access to a wide variety of books throughout the summer and school year.

Students have worked very hard this past year, and in order to not lose any of the skills they gained in math, we are also asking students to complete a math review packet of basic computation facts, as well as the daily five-minute practice of multiplication and division facts.

In addition to reading, writing, and math practice, we are asking students to practice the attached cursive packet. All 5th grade is expected to fluently read and write in cursive on all language arts assignments during the 3rd trimester of the 5th Grade year. Throughout the year, there will be daily practice that will ensure all students succeed in reading and writing cursive.

We look forward to seeing you in August!

The 5th Grade Team



# Summer Reading and Writing

## Literature Response Journal Questions

### Directions

1. Read the two of the ~~one~~<sup>six</sup> assigned novels over the summer

*The City of Ember* by Jeanne DuPrau

*The Sign of the Beaver* by Elizabeth George Speare

*A Wrinkle in Time* by Madeleine L'Engle

*One Crazy Summer* by Rita Williams-Garcia

*The One and Only Ivan* by Katherine Applegate

*Out of My Mind* by Sharon M. Draper

2. Choose your favorite **one out of the two**, and answer the Literature Response journal questions as you read the novel.
3. Please be sure to answer the questions in complete sentences with proper spelling, grammar, and punctuation.
4. In addition to the Literature Response Questions, please write a **review for the other novel you read**. We have included a "Review Template" for you to use.

### Reading Tips

1. Read at least 20 minutes a day  
(Remember that you can read anywhere anytime for the most part.  
Choose a spot and sit down, read, and relax.)
2. If you need some extra help, **google the book and chapter you are reading and listen to the audio while you read along.** This really helps with comprehension.
3. Talk to your parent about what you are reading. Maybe they can read the novel with you.
4. While reading, picture the characters, setting, time period, etc.
5. Meet with friends and discuss the novel you are reading. You might get some information you might have missed through peer discussion.

# Literature Response Questions

## CHOOSE ONE NOVEL

**Directions:** Read over the Literature Response Questions before you read the novel. All responses need to be written on binder paper. Make sure you include a proper heading with your name and date in the left-hand corner. Rewrite the question for each response.

Name:

Date:

1. Write the title of the book and the author. Preview the book, then predict what will happen in the story. What is the setting of the book? (time and place) Describe the main character of the book.
2. Make a list of the main and the minor characters you've read about so far. Write a one-sentence description of each character you have listed.
3. Explain what you believe to be the plot of your book. (Plot is the main events that are happening in the story) What do you think will happen next in the story.
4. Who's the speaker in your book? (whose point of view is the story told from?)
5. Write a clarifying question about your book. What would you like to know more about? What is confusing you about the story?
6. What advice would you give the characters in your book?
8. Write a diary entry from the point of view of one of the characters in your book.
9. Choose a scene and draw a picture. Describe in detail why you choose this scene.
11. If you could be any character in the book, which one would you be? Why?
12. Why do you think the characters behave the way they do? What is their motivation?
13. What are the major themes in the book?
- 14.. What do you think the moral (lesson) the main character is supposed to learn in the book?
15. Make a timeline of the major events in the book.



Trace the letters. Write the letters.  
Trace the words. Write the words.

Aa

Aa

Aa

and

pan

mama

Alex

Trace the letters. Write the letters.  
Trace the words. Write the words.

Bb

Bb

Bb

big

able

rub

Bob

Trace the letters. Write the letters.  
Trace the words. Write the words.

Cc

Cc

can

can

act

magic

Chloe

Trace the letters. Write the letters.  
Trace the words. Write the words.

Dd

Dd

dog

dog

made

fad

David

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Trace the words. Write the words.

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Emily  
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fun  
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aft  
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roof  
roof

Frank  
Frank



Trace the letters. Write the letters.  
Trace the words. Write the words.

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g g

g g

get get

ago ago

king king

George George

Trace the letters. Write the letters.  
Trace the words. Write the words.

h h

h h

h h

help help

ahi ahi

bush bush

Harry Harry

Trace the letters. Write the letters.  
Trace the words. Write the words.

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Jack

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Ken

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Ll

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Lisa

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Mm

Mm

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mad

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Mary

Trace the letters. Write the letters.  
Trace the words. Write the words.

Mm

Mm

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no

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run

Nick

Trace the letters. Write the letters.  
Trace the words. Write the words.

Oo

O

o

over

rope

hero

Owen

Trace the letters. Write the letters.  
Trace the words. Write the words.

Pp

P

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pit

ape

tap

Paul

Trace the letters. Write the letters.  
Trace the words. Write the words.

2q

Handwriting practice for the letter 'q'. The first row shows a dotted 'q' with a directional arrow and the number '1' indicating the stroke direction. Below it are three rows of handwriting lines. The second row contains the word 'quit' written in dotted letters. The third row contains the word 'equal' written in dotted letters. The fourth row contains the word 'quinn' written in dotted letters.

Trace the letters. Write the letters.  
Trace the words. Write the words.

Rr

Handwriting practice for the letter 'r'. The first row shows a dotted 'r' with a directional arrow and the number '1' indicating the stroke direction. Below it are three rows of handwriting lines. The second row contains the word 'run' written in dotted letters. The third row contains the word 'area' written in dotted letters. The fourth row contains the word 'ear' written in dotted letters. The fifth row contains the word 'Robert' written in dotted letters.

Trace the letters. Write the letters.  
Trace the words. Write the words.

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Trace the letters. Write the letters.  
Trace the words. Write the words.

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but

Tom

Trace the letters. Write the letters.  
Trace the words. Write the words.

Wu

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urn

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Trace the letters. Write the letters.  
Trace the words. Write the words.

Uw

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Trace the letters. Write the letters.  
Trace the words. Write the words.

Ww

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win

awe

raw

Will

Trace the letters. Write the letters.  
Trace the words. Write the words.

Xx

Xx

Xx

xray

fixes

box

Xia

Trace the letters. Write the letters.  
Trace the words. Write the words.

My

My

My

yes

eyes

ray

Yoko

Trace the letters. Write the letters.  
Trace the words. Write the words.

Zach

Zach

Zach

zero

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Zach

# Summer Packet Math Review









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



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**33**[www.multiplication.com](http://www.multiplication.com)

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**22**[www.multiplication.com](http://www.multiplication.com)

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$8 \times 12$

**96**[www.multiplication.com](http://www.multiplication.com)

$7 \times 12$

**84**[www.multiplication.com](http://www.multiplication.com)

# Multiplying by Positive Powers of Ten (A)

## Single-Digit Facts

$2 \times 1 =$

$2 \times 10 =$

$2 \times 100 =$

$2 \times 1,000 =$

$2 \times 10,000 =$

$7 \times 1 =$

$7 \times 10 =$

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$3 \times 100 =$

$3 \times 1,000 =$

$3 \times 10,000 =$

$6 \times 1 =$

$6 \times 10 =$

$6 \times 100 =$

$6 \times 1,000 =$

$6 \times 10,000 =$

$4 \times 1 =$

$4 \times 10 =$

$4 \times 100 =$

$4 \times 1,000 =$

$4 \times 10,000 =$

$5 \times 1 =$

$5 \times 10 =$

$5 \times 100 =$

$5 \times 1,000 =$

$5 \times 10,000 =$

$1 \times 1 =$

$1 \times 10 =$

$1 \times 100 =$

$1 \times 1,000 =$

$1 \times 10,000 =$

$39 \times 1 =$

$39 \times 10 =$

$39 \times 100 =$

$39 \times 1,000 =$

$39 \times 10,000 =$

Challenge

# 2-Digit by 2-Digit Multiplication (A)

Use the grid to help you multiply each pair of factors.

		8	2
	×	4	1
<hr/>			
<hr/>			

		4	4
	×	4	2
<hr/>			
<hr/>			

		2	5
	×	1	0
<hr/>			
<hr/>			

		9	3
	×	8	6
<hr/>			
<hr/>			

		7	2
	×	8	7
<hr/>			
<hr/>			

		4	3
	×	1	0
<hr/>			
<hr/>			

		6	2
	×	5	2
<hr/>			
<hr/>			

		5	6
	×	9	6
<hr/>			
<hr/>			

		9	1
	×	4	7
<hr/>			
<hr/>			

		9	4
	×	8	3
<hr/>			
<hr/>			

		7	5
	×	1	3
<hr/>			
<hr/>			

		3	4
	×	9	8
<hr/>			
<hr/>			

		2	3
	×	4	8
<hr/>			
<hr/>			

		4	4
	×	6	2
<hr/>			
<hr/>			

		7	9
	×	9	7
<hr/>			
<hr/>			

		9	9
	×	6	5
<hr/>			
<hr/>			



# Long Division with a Grid (A)

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

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

Calculate each quotient.

6	)	3	1	1
-				
<hr/>				
		-		
<hr/>				

4	)	8	8	8
-				
<hr/>				
		-		
<hr/>				

5	)	6	7	6
-				
<hr/>				
		-		
<hr/>				

2	)	6	6	8
-				
<hr/>				
		-		
<hr/>				

4	)	5	5	6
-				
<hr/>				
		-		
<hr/>				

3	)	5	6	3
-				
<hr/>				
		-		
<hr/>				

3	)	4	3	4
-				
<hr/>				
		-		
<hr/>				

5	)	1	5	1
-				
<hr/>				
		-		
<hr/>				

# Simplify Fractions (A)

Simplify each fraction to its lowest terms.

$$\frac{10}{40} =$$

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

$$\frac{16}{36} =$$

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

$$\frac{20}{30} =$$

$$\frac{5}{10} =$$

$$\frac{16}{32} =$$

$$\frac{20}{30} =$$

$$\frac{20}{30} =$$

$$\frac{6}{18} =$$

$$\frac{18}{24} =$$

$$\frac{25}{35} =$$

$$\frac{8}{36} =$$

$$\frac{4}{20} =$$

$$\frac{8}{16} =$$

$$\frac{8}{24} =$$

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

$$\frac{8}{12} =$$

$$\frac{12}{15} =$$

$$\frac{4}{28} =$$

$$\frac{12}{27} =$$

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

$$\frac{3}{18} =$$

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

$$\frac{25}{35} =$$

$$\frac{2}{18} =$$

$$\frac{4}{16} =$$

$$\frac{6}{9} =$$

$$\frac{4}{18} =$$

$$\frac{2}{6} =$$

$$\frac{35}{45} =$$

$$\frac{2}{6} =$$

# Equivalent Fractions (A)

Instructions: Find the missing numbers in the equivalent fractions below.

$$\frac{2}{\quad} = \frac{8}{20}$$

$$\frac{5}{7} = \frac{15}{\quad}$$

$$\frac{\quad}{8} = \frac{4}{32}$$

$$\frac{4}{12} = \frac{12}{\quad}$$

$$\frac{8}{10} = \frac{32}{\quad}$$

$$\frac{3}{10} = \frac{12}{\quad}$$

$$\frac{1}{\quad} = \frac{2}{18}$$

$$\frac{\quad}{4} = \frac{2}{8}$$

$$\frac{1}{\quad} = \frac{4}{8}$$

$$\frac{4}{\quad} = \frac{16}{24}$$

$$\frac{\quad}{10} = \frac{20}{40}$$

$$\frac{5}{6} = \frac{20}{\quad}$$

$$\frac{1}{4} = \frac{\quad}{8}$$

$$\frac{5}{8} = \frac{15}{\quad}$$

$$\frac{1}{7} = \frac{\quad}{21}$$

$$\frac{\quad}{9} = \frac{12}{27}$$

$$\frac{1}{\quad} = \frac{4}{24}$$

$$\frac{1}{3} = \frac{5}{\quad}$$

$$\frac{3}{7} = \frac{12}{\quad}$$

$$\frac{\quad}{3} = \frac{3}{9}$$

$$\frac{7}{12} = \frac{\quad}{60}$$

$$\frac{1}{5} = \frac{2}{\quad}$$

$$\frac{2}{9} = \frac{8}{\quad}$$

$$\frac{2}{4} = \frac{10}{\quad}$$

# Converting Fractions (A)

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

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

Convert each improper fraction to a mixed fraction.

$\frac{32}{9} = \text{---}$

$\frac{67}{12} = \text{---}$

$\frac{116}{15} = \text{---}$

$\frac{34}{15} = \text{---}$

$\frac{25}{12} = \text{---}$

$\frac{41}{6} = \text{---}$

$\frac{53}{7} = \text{---}$

$\frac{25}{4} = \text{---}$

$\frac{127}{15} = \text{---}$

$\frac{21}{8} = \text{---}$

$\frac{15}{4} = \text{---}$

$\frac{33}{10} = \text{---}$

$\frac{25}{9} = \text{---}$

$\frac{38}{7} = \text{---}$

$\frac{99}{10} = \text{---}$

$\frac{44}{5} = \text{---}$

$\frac{53}{15} = \text{---}$

$\frac{41}{8} = \text{---}$

$\frac{64}{9} = \text{---}$

$\frac{57}{10} = \text{---}$

$\frac{16}{7} = \text{---}$

$\frac{56}{9} = \text{---}$

$\frac{21}{10} = \text{---}$

$\frac{67}{8} = \text{---}$

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

$\frac{83}{12} = \text{---}$

$\frac{36}{7} = \text{---}$

$\frac{19}{6} = \text{---}$

$\frac{13}{2} = \text{---}$

$\frac{22}{3} = \text{---}$

$\frac{23}{5} = \text{---}$

$\frac{20}{7} = \text{---}$

$\frac{76}{15} = \text{---}$

$\frac{85}{9} = \text{---}$

$\frac{80}{9} = \text{---}$

$\frac{41}{12} = \text{---}$

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

$\frac{107}{15} = \text{---}$

$\frac{63}{8} = \text{---}$

$\frac{37}{5} = \text{---}$

# Adding Fractions (A)

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

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

Add each pair of fractions and simplify if necessary.

1.  $\frac{7}{13} + \frac{4}{13}$

2.  $\frac{7}{22} + \frac{14}{22}$

3.  $\frac{17}{21} + \frac{3}{21}$

4.  $\frac{1}{17} + \frac{13}{17}$

5.  $\frac{5}{8} + \frac{2}{8}$

6.  $\frac{2}{24} + \frac{3}{24}$

7.  $\frac{6}{12} + \frac{2}{12}$

8.  $\frac{9}{20} + \frac{3}{20}$

9.  $\frac{11}{14} + \frac{1}{14}$

10.  $\frac{13}{16} + \frac{2}{16}$

11.  $\frac{11}{19} + \frac{7}{19}$

12.  $\frac{1}{10} + \frac{7}{10}$

13.  $\frac{7}{11} + \frac{1}{11}$

14.  $\frac{1}{6} + \frac{3}{6}$

15.  $\frac{4}{23} + \frac{1}{23}$

16.  $\frac{9}{15} + \frac{3}{15}$

17.  $\frac{1}{3} + \frac{1}{3}$

18.  $\frac{4}{7} + \frac{2}{7}$

19.  $\frac{3}{9} + \frac{5}{9}$

20.  $\frac{1}{4} + \frac{2}{4}$

# Order of Operations (A)

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

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

Solve each expression using the correct order of operations.

$2 \times 6^2$

$2 \times 4 + 9$

$2 + 3 \times 8$

$2 \times (8 - 6)$

$10 - 3^2$

$3 + 2 \times 6$

$3 + 9^2$

$(9 - 5) \times 4$

$9 + 7 \times 5$

$10 + 3^3$

## Converting Fractions (A) Answers

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

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

Convert each improper fraction to a mixed fraction.

- |                                  |                                  |                                   |                                 |
|----------------------------------|----------------------------------|-----------------------------------|---------------------------------|
| $\frac{32}{9} = 3\frac{5}{9}$    | $\frac{67}{12} = 5\frac{7}{12}$  | $\frac{116}{15} = 7\frac{11}{15}$ | $\frac{34}{15} = 2\frac{4}{15}$ |
| $\frac{25}{12} = 2\frac{1}{12}$  | $\frac{41}{6} = 6\frac{5}{6}$    | $\frac{53}{7} = 7\frac{4}{7}$     | $\frac{25}{4} = 6\frac{1}{4}$   |
| $\frac{127}{15} = 8\frac{7}{15}$ | $\frac{21}{8} = 2\frac{5}{8}$    | $\frac{15}{4} = 3\frac{3}{4}$     | $\frac{33}{10} = 3\frac{3}{10}$ |
| $\frac{25}{9} = 2\frac{7}{9}$    | $\frac{38}{7} = 5\frac{3}{7}$    | $\frac{99}{10} = 9\frac{9}{10}$   | $\frac{44}{5} = 8\frac{4}{5}$   |
| $\frac{53}{15} = 3\frac{8}{15}$  | $\frac{41}{8} = 5\frac{1}{8}$    | $\frac{64}{9} = 7\frac{1}{9}$     | $\frac{57}{10} = 5\frac{7}{10}$ |
| $\frac{16}{7} = 2\frac{2}{7}$    | $\frac{56}{9} = 6\frac{2}{9}$    | $\frac{21}{10} = 2\frac{1}{10}$   | $\frac{67}{8} = 8\frac{3}{8}$   |
| $\frac{12}{7} = 1\frac{5}{7}$    | $\frac{83}{12} = 6\frac{11}{12}$ | $\frac{36}{7} = 5\frac{1}{7}$     | $\frac{19}{6} = 3\frac{1}{6}$   |
| $\frac{13}{2} = 6\frac{1}{2}$    | $\frac{22}{3} = 7\frac{1}{3}$    | $\frac{23}{5} = 4\frac{3}{5}$     | $\frac{20}{7} = 2\frac{6}{7}$   |
| $\frac{76}{15} = 5\frac{1}{15}$  | $\frac{85}{9} = 9\frac{4}{9}$    | $\frac{80}{9} = 8\frac{8}{9}$     | $\frac{41}{12} = 3\frac{5}{12}$ |
| $\frac{6}{5} = 1\frac{1}{5}$     | $\frac{107}{15} = 7\frac{2}{15}$ | $\frac{63}{8} = 7\frac{7}{8}$     | $\frac{37}{5} = 7\frac{2}{5}$   |

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## Order of Operations (A)

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

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

Solve each expression using the correct order of operations.

- |   |  |
|---|--|
| $2 \times 6^2$<br>$= 2 \times 36$<br>$= 72$ | $2 \times 4 + 9$<br>$= 8 + 9$<br>$= 17$        |
| $2 + 3 \times 8$<br>$= 2 + 24$<br>$= 26$    | $2 \times (8 - 6)$<br>$= 2 \times 2$<br>$= 4$  |
| $10 - 3^2$<br>$= 10 - 9$<br>$= 1$           | $3 + 2 \times 6$<br>$= 3 + 12$<br>$= 15$       |
| $3 + 9^2$<br>$= 3 + 81$<br>$= 84$           | $(9 - 5) \times 4$<br>$= 4 \times 4$<br>$= 16$ |
| $9 + 7 \times 5$<br>$= 9 + 35$<br>$= 44$    | $10 + 3^3$<br>$= 10 + 27$<br>$= 37$            |

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## Equivalent Fractions (A) Answers

Instructions: Find the missing numbers in the equivalent fractions below.

- |                                       |                                       |                                       |                                       |
|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| $\frac{8}{20} = \frac{2}{5}$<br>4 ×   | $\frac{5}{7} = \frac{15}{21}$<br>3 ×  | $\frac{1}{8} = \frac{4}{32}$<br>4 ×   | $\frac{4}{12} = \frac{12}{36}$<br>3 × |
| $\frac{32}{40} = \frac{4}{5}$<br>4 ×  | $\frac{3}{10} = \frac{12}{40}$<br>4 × | $\frac{1}{9} = \frac{2}{18}$<br>2 ×   | $\frac{1}{4} = \frac{2}{8}$<br>2 ×    |
| $\frac{4}{8} = \frac{16}{64}$<br>4 ×  | $\frac{4}{6} = \frac{16}{24}$<br>4 ×  | $\frac{5}{10} = \frac{20}{40}$<br>4 × | $\frac{5}{6} = \frac{20}{24}$<br>4 ×  |
| $\frac{2}{8} = \frac{5}{20}$<br>2 ×   | $\frac{5}{8} = \frac{15}{24}$<br>3 ×  | $\frac{1}{7} = \frac{3}{21}$<br>3 ×   | $\frac{4}{9} = \frac{12}{27}$<br>3 ×  |
| $\frac{4}{24} = \frac{1}{6}$<br>4 ×   | $\frac{1}{3} = \frac{5}{15}$<br>5 ×   | $\frac{3}{7} = \frac{12}{28}$<br>4 ×  | $\frac{1}{3} = \frac{3}{9}$<br>3 ×    |
| $\frac{35}{60} = \frac{7}{12}$<br>5 × | $\frac{1}{5} = \frac{2}{10}$<br>2 ×   | $\frac{2}{9} = \frac{8}{36}$<br>4 ×   | $\frac{2}{4} = \frac{10}{20}$<br>5 ×  |

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Pg 5

## Adding Fractions (A) Answers

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

Add each pair of fractions and simplify if necessary.

- |  |   |
|--|---|
| $\frac{7}{13} + \frac{4}{13} = \frac{11}{13}$                | $\frac{7}{22} + \frac{14}{22} = \frac{21}{22}$              |
| $\frac{17}{21} + \frac{3}{21} = \frac{20}{21}$               | $\frac{1}{17} + \frac{13}{17} = \frac{14}{17}$              |
| $\frac{5}{8} + \frac{2}{8} = \frac{7}{8}$                    | $\frac{2}{24} + \frac{3}{24} = \frac{5}{24}$                |
| $\frac{6}{12} + \frac{2}{12} = \frac{8}{12} = \frac{2}{3}$   | $\frac{9}{20} + \frac{3}{20} = \frac{12}{20} = \frac{3}{5}$ |
| $\frac{11}{14} + \frac{1}{14} = \frac{12}{14} = \frac{6}{7}$ | $\frac{13}{16} + \frac{2}{16} = \frac{15}{16}$              |
| $\frac{11}{19} + \frac{7}{19} = \frac{18}{19}$               | $\frac{1}{10} + \frac{7}{10} = \frac{8}{10} = \frac{4}{5}$  |
| $\frac{7}{11} + \frac{1}{11} = \frac{8}{11}$                 | $\frac{1}{6} + \frac{3}{6} = \frac{4}{6} = \frac{2}{3}$     |
| $\frac{4}{23} + \frac{1}{23} = \frac{5}{23}$                 | $\frac{9}{15} + \frac{3}{15} = \frac{12}{15} = \frac{4}{5}$ |
| $\frac{1}{3} + \frac{1}{3} = \frac{2}{3}$                    | $\frac{4}{7} + \frac{2}{7} = \frac{6}{7}$                   |
| $\frac{3}{9} + \frac{5}{9} = \frac{8}{9}$                    | $\frac{1}{4} + \frac{2}{4} = \frac{3}{4}$                   |

Pg 7

Pg 9

Multiplying by Positive Powers of Ten (A) Answers  
Single-Digit Facts

$2 \times 1 = 2$	$7 \times 1 = 7$
$2 \times 10 = 20$	$7 \times 10 = 70$
$2 \times 100 = 200$	$7 \times 100 = 700$
$2 \times 1,000 = 2,000$	$7 \times 1,000 = 7,000$
$2 \times 10,000 = 20,000$	$7 \times 10,000 = 70,000$
$8 \times 1 = 8$	$9 \times 1 = 9$
$8 \times 10 = 80$	$9 \times 10 = 90$
$8 \times 100 = 800$	$9 \times 100 = 900$
$8 \times 1,000 = 8,000$	$9 \times 1,000 = 9,000$
$8 \times 10,000 = 80,000$	$9 \times 10,000 = 90,000$
$3 \times 1 = 3$	$6 \times 1 = 6$
$3 \times 10 = 30$	$6 \times 10 = 60$
$3 \times 100 = 300$	$6 \times 100 = 600$
$3 \times 1,000 = 3,000$	$6 \times 1,000 = 6,000$
$3 \times 10,000 = 30,000$	$6 \times 10,000 = 60,000$
$4 \times 1 = 4$	$5 \times 1 = 5$
$4 \times 10 = 40$	$5 \times 10 = 50$
$4 \times 100 = 400$	$5 \times 100 = 500$
$4 \times 1,000 = 4,000$	$5 \times 1,000 = 5,000$
$4 \times 10,000 = 40,000$	$5 \times 10,000 = 50,000$
$1 \times 1 = 1$	$39 \times 1 = 39$
$1 \times 10 = 10$	$39 \times 10 = 390$
$1 \times 100 = 100$	$39 \times 100 = 3,900$
$1 \times 1,000 = 1,000$	$39 \times 1,000 = 39,000$
$1 \times 10,000 = 10,000$	$39 \times 10,000 = 390,000$

Challenge

Free Math Worksheets at <http://www.math-drills.com>

Pg 1

2-Digit by 2-Digit Multiplication (A) Answers  
Use the grid to help you multiply each pair of factors.

$\begin{array}{r} 82 \\ \times 41 \\ \hline 82 \\ 3280 \\ \hline 3362 \end{array}$	$\begin{array}{r} 44 \\ \times 42 \\ \hline 88 \\ 1760 \\ \hline 1848 \end{array}$	$\begin{array}{r} 25 \\ \times 10 \\ \hline 00 \\ 250 \\ \hline 250 \end{array}$	$\begin{array}{r} 93 \\ \times 86 \\ \hline 558 \\ 7440 \\ \hline 7998 \end{array}$
$\begin{array}{r} 72 \\ \times 87 \\ \hline 504 \\ 5760 \\ \hline 6264 \end{array}$	$\begin{array}{r} 43 \\ \times 10 \\ \hline 00 \\ 430 \\ \hline 430 \end{array}$	$\begin{array}{r} 62 \\ \times 52 \\ \hline 124 \\ 3100 \\ \hline 3224 \end{array}$	$\begin{array}{r} 56 \\ \times 96 \\ \hline 336 \\ 5040 \\ \hline 5376 \end{array}$
$\begin{array}{r} 91 \\ \times 47 \\ \hline 637 \\ 3640 \\ \hline 4277 \end{array}$	$\begin{array}{r} 94 \\ \times 83 \\ \hline 282 \\ 7520 \\ \hline 7802 \end{array}$	$\begin{array}{r} 75 \\ \times 13 \\ \hline 225 \\ 975 \\ \hline 975 \end{array}$	$\begin{array}{r} 34 \\ \times 98 \\ \hline 272 \\ 3060 \\ \hline 3332 \end{array}$
$\begin{array}{r} 23 \\ \times 48 \\ \hline 184 \\ 920 \\ \hline 1104 \end{array}$	$\begin{array}{r} 44 \\ \times 62 \\ \hline 88 \\ 2640 \\ \hline 2728 \end{array}$	$\begin{array}{r} 79 \\ \times 97 \\ \hline 553 \\ 7110 \\ \hline 7663 \end{array}$	$\begin{array}{r} 99 \\ \times 65 \\ \hline 495 \\ 5940 \\ \hline 6435 \end{array}$

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Pg 2

Long Division with a Grid (A) Answers

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

Calculate each quotient.

$\begin{array}{r} 51 \\ 6 \overline{) 311} \\ \underline{-30} \phantom{0} \\ 11 \\ \underline{-6} \phantom{0} \\ 5 \end{array}$	$\begin{array}{r} 222 \\ 4 \overline{) 888} \\ \underline{-8} \phantom{00} \\ 08 \\ \underline{-8} \phantom{0} \\ 08 \\ \underline{-8} \phantom{0} \\ 0 \end{array}$	$\begin{array}{r} 135 \\ 5 \overline{) 676} \\ \underline{-5} \phantom{00} \\ 17 \\ \underline{-15} \phantom{0} \\ 26 \\ \underline{-25} \phantom{0} \\ 1 \end{array}$	$\begin{array}{r} 334 \\ 2 \overline{) 668} \\ \underline{-6} \phantom{00} \\ 06 \\ \underline{-6} \phantom{0} \\ 08 \\ \underline{-8} \phantom{0} \\ 0 \end{array}$
$\begin{array}{r} 139 \\ 4 \overline{) 556} \\ \underline{-4} \phantom{00} \\ 15 \\ \underline{-12} \phantom{0} \\ 36 \\ \underline{-36} \phantom{0} \\ 0 \end{array}$	$\begin{array}{r} 187 \\ 3 \overline{) 563} \\ \underline{-3} \phantom{00} \\ 26 \\ \underline{-24} \phantom{0} \\ 23 \\ \underline{-21} \phantom{0} \\ 2 \end{array}$	$\begin{array}{r} 144 \\ 3 \overline{) 434} \\ \underline{-3} \phantom{00} \\ 13 \\ \underline{-12} \phantom{0} \\ 14 \\ \underline{-12} \phantom{0} \\ 2 \end{array}$	$\begin{array}{r} 30 \\ 5 \overline{) 151} \\ \underline{-15} \phantom{0} \\ 01 \end{array}$

Simplify Fractions (A) Answers

Simplify each fraction to its lowest terms.

$\frac{10}{40} = \frac{1}{4}$	$\frac{8}{10} = \frac{4}{5}$	$\frac{16}{36} = \frac{4}{9}$	$\frac{2}{4} = \frac{1}{2}$
$\frac{20}{30} = \frac{2}{3}$	$\frac{5}{10} = \frac{1}{2}$	$\frac{16}{32} = \frac{1}{2}$	$\frac{20}{30} = \frac{2}{3}$
$\frac{20}{30} = \frac{2}{3}$	$\frac{6}{18} = \frac{1}{3}$	$\frac{18}{24} = \frac{3}{4}$	$\frac{25}{35} = \frac{5}{7}$
$\frac{8}{36} = \frac{2}{9}$	$\frac{4}{20} = \frac{1}{5}$	$\frac{8}{16} = \frac{1}{2}$	$\frac{8}{24} = \frac{1}{3}$
$\frac{4}{8} = \frac{1}{2}$	$\frac{8}{12} = \frac{2}{3}$	$\frac{12}{15} = \frac{4}{5}$	$\frac{4}{28} = \frac{1}{7}$
$\frac{12}{27} = \frac{4}{9}$	$\frac{4}{8} = \frac{1}{2}$	$\frac{3}{18} = \frac{1}{6}$	$\frac{4}{8} = \frac{1}{2}$
$\frac{25}{35} = \frac{5}{7}$	$\frac{2}{18} = \frac{1}{9}$	$\frac{4}{16} = \frac{1}{4}$	$\frac{6}{9} = \frac{2}{3}$
$\frac{4}{18} = \frac{2}{9}$	$\frac{2}{6} = \frac{1}{3}$	$\frac{35}{45} = \frac{7}{9}$	$\frac{2}{6} = \frac{1}{3}$

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02

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## **Suggested 5th Grade Materials**

To be brought to school on first day:

- Backpack
- 1 inch-ish binder (plain, try to avoid the fancy ones as they won't fit in the desk)
- Section Dividers (we suggest the plastic "Insertable 2 Pocket" dividers 5 or 8)
- Wireless USB mouse ( Optional )
- Pencil box that fits:
  - About five #2 pencils
  - Additional eraser or cap erasers (not a toy)
  - 2 dry erase markers for regular whiteboard use (thin ones, ULTRA thin are even better)
  - Ballpoint Pens: Black, Blue, plus one different color for corrections
  - Highlighters: ( minimum 3 colors)
  - Colored pencils
  - Skinny markers
  - Scissors

\*all above items should fit inside pencil box

We will be reading the following books as a class this year and suggest purchasing them ahead of time:

- Charlotte Doyle by Avi (1st trimester)
- Blood on the River by Elisa Carbone (2nd trimester)
- Woods Runner by Gary Paulsen (2nd trimester)

All supplies must be school appropriate. Please **do not** bring scented markers, bendy/twirly/fluffy, pencil grips, personal/handheld pencil sharpeners, or buildable toy erasers. Permanent markers (Sharpies) are not allowed at school.

To be stored at home for projects or homework throughout the year:  
pencils

- paper- binder, graph, and white (or copy paper)
- dictionary
- ruler, scissors
- drawing/coloring supplies
- 3-5 packs of flashcards, 3x5 - lined (to be used for vocabulary homework)

### **Class Material Wish List**

Class websites will generally include a "wish list" for items that are needed for projects or regular classroom use. If you are able to donate any of the following items for the start of the school year, they would be greatly appreciated. Having these supplies on hand makes preparing for celebrations or projects more convenient.

- ★ Small paper plates/Small plastic/paper cups
- ★ Roll of paper towels
- ★ Gallon-size freezer bags and sandwich-size bags
- ★ Kleenex/tissue

Extra Supplies we are always thankful for:

- |                             |                     |                 |
|-----------------------------|---------------------|-----------------|
| ❖ index cards (3x5 - lined) | ❖ dry erase markers | ❖ binder paper  |
| ❖ glue sticks               | ❖ pencils           | ❖ post-its      |
| ❖ cap erasers               | ❖ stickers          | ❖ color markers |