#### Grade 8 Supply List

- 1. I Heavy Duty Round-Ring 2" View Binder
- 2. 1 Package Filler Paper, College Ruled
- 3. 1 Spiral Notebook, Wide Ruled
- 4. I Composition Notebook (for ELA Grammar Lessons)
- 5. 2 pkg of binder dividers (multiple colors)
- 6. I pencil pouch with mesh window
- 7. 4 boxes of #2 Pencils
- 8. 2 jumbo erasers
- 9. 1 pkq. blue ballpoint pens
- 10. 1 pkg. red or colored ballpoint pens
- II. I pkg of highlighters (multiple colors)
- 12. 2 rolls of 2-Ply Paper Towels
- 13. 3 boxes of 2-Ply Facial Tissue.
- 14. I container of Disinfectant Wipes
- 15.2 iPad chargers (one for home and one for school)
- 16. Headphones

# 8TH GRADE SUMMER READING PACKET

### "Why Summer Reading Pays Off Year-Round"

Posted to Homeroom, the official Blog of the US Department of Education

Attention parents 8 guardians: [You can ] help your child become a better reader before the new school year begins. Summer is an important time for students to keep reading and improve their language skills. If your child [does not read] regularly this summer, they may be in danger of the "summer slide"—a decline in their reading ability.



Numerous studies indicate that students who don't read or read infrequently during their summer vacation see their reading abilities stagnate or decline. This effect becomes more pronounced as students get older and advance through the school system. The situation for economically disadvantaged students is especially grim: if students from low-income families don't read over the summer, they are much more likely to fall behind their more privileged peers, widening the "achievement gap."

"It's like if you play an instrument but put it down for three months," said Laurie Calvert, a teacher who is working as the Director of Teacher Outreach at ED. She wrote an academic thesis on improving summer reading programs at her North Carolina high school. "You're not going to be as good as a person who continues to play the instrument over those three months."

However, this "summer slide" can be avoided by ensuring that children are as engaged as possible in whatever they choose to read—**just as long as they're reading every day**.

"Anything that keeps students reading works," Calvert said. "The more engaged you are in the text, the closer you're going to read it. The closer you read it, the more you comprehend. And that process grows your skill."

The best ways to keep your child from becoming a "rusty reader" over the summer are:

- 1. Encourage your children to read books they enjoy for at least 30 minutes per day. Your child will likely be more engrossed in material they choose themselves than material that is forced on them.
- 2. Provide incentives for reluctant readers. For example, if your child enjoys basketball, agree to take them to the local court if they do their "daily reading."
- 3. Make reading a social act. Establish a time during the day when all members of the family gather and read on their own, or take turns reading the same book aloud.
- 4. Use apps and websites! Newsela.com, Overdrive, and TedEd are great resources for engaging young readers :)

# 8TH GRADE SUMMER READING ASSIGNMENT



### Assignment: <u>Utopia Choice Book</u>

For the upcoming school year, you will read **ONE** utopian novel over the summer. A utopian novel is a novel that is set in the "perfect" society. We will be using texts for discussions and assignments in September. If you decide to read the books in June, you may need to review them again. "I forget what happened" will not be accepted. *Any work not completed will result in recurring after school detentions until completion.* 

#### Steps for success:

- Choose ONE of the books described in the charts on the following pages of the packets. You can find copies of the books at your local library, in Ms. Grabowski's library, online, or in a bookstore. If you prefer to read a book not listed, please email Ms. Grabowski for approval of the book by July 25<sup>th</sup>.
- 2. Read your chosen novel. Please read the book carefully! I highly suggest taking notes on details or highlighting important information.
- 3. As you read, fill out ONE graphic organizer square every 25 pages, as instructed, located on the final pages of this packet. Choose either square A, B, C, or D as you see best fit.

If you have any questions as you are reading (about the novel, assignment, or your notes), please email Ms. Grabowski at <u>mgrabowski@town.hull.ma.us</u>!

# **BOOK OPTIONS (CHOOSE 1)**

TITLE	AUTHOR	Description
The Ear, the Eye, and the Arm	Nancy Farmer	The year is 2194, and Tendai, Rita, and Kuda are the children of Zimbabwe's wealthy and powerful chief of security. They've escaped from their father's estate to explore the dangerous city of Harareand promptly disappear. Their parents call in the Ear, the Eye, and the Arm, detectives whose exposure to nuclear waste has given them special powers. Together they must save the children from the evils of the past, the technology of the future, and criminals with plans much more sinister than anyone could have imagined.
The Limit	Kristen Landon	In a world not too far removed from our own, kids are being taken away to special workhouses if their families exceed the monthly debt limit imposed by the government. Thirteen-year-old Matt briefly wonders if he might be next, but quickly dismisses the thought. After all, his parents are financially responsible, unlike the parents of those other kids. As long as his parents remain within their limit, the government will be satisfied and leave them alone. But all it takes is one fatal visit to the store to push Matt's family over their limit, and to change his life forever.
<i>The City</i> of Ember (Books of Ember Series)	Jeanne DuPrau	The city of Ember was built as a last refuge for the human race. Two hundred years later, the great lamps that light the city are beginning to flicker. When Lina finds part of an ancient message, she's sure it holds a secret that will save the city. She and her friend Doon must decipher the message before the lights go out on Ember forever!
The Hunger Games (The Hunger Games Series)	Suzanne Collins	In the ruins of a place once known as North America lies the nation of Panem, a shining Capitol surrounded by twelve outlying districts. The Capitol is harsh and cruel and keeps the districts in line by forcing them all to send one boy and one girl between the ages of twelve and eighteen to participate in the annual Hunger Games, a fight to the death on live TV.
<i>Divergent</i> (Divergent Series)	Veronica Roth	In Beatrice Prior's dystopian Chicago world, society is divided into five factions, each dedicated to the cultivation of a particular virtue: Candor (the honest), Abnegation (the selfless), Dauntless (the brave), Amity (the peaceful), and Erudite (the intelligent). On an appointed day of every year, all sixteen-year-olds must select the faction to which they will devote the rest of their lives. For Beatrice, the decision is between staying with her family and being who she really is; she can't have both. So she makes a choice that surprises everyone, including herself.
Fahrenheit 451	Ray Bradbury	Nowadays firemen start fires. Fireman Guy Montag loves to rush to a fire and watch books burn up. The system was simple. Everyone understood it. Books were burning, along with the houses in which they were hidden. Then he met a seventeen-year old girl who told him of a past when people were not afraid, and a professor who told him of a future in which people could think, and Guy Montag suddenly realized what he had to do!

<i>Among</i> <i>the</i> <i>Hidden</i> (Shadow Children Series)	Margaret Peterson	Luke has never been to school. He's never had a birthday party, or gone to a friend's house for an overnight. In fact, Luke has never had a friend. Luke is one of the shadow children, a third child forbidden by the Population Police. He's lived his entire life in hiding, and now, with a new housing development replacing the woods next to his family's farm, he is no longer even allowed to go outside. Then, one day Luke sees a girl's face in the window of a house where he knows two other children already live. Finally, he meets a shadow child like himself. Jen is willing to risk everything to come out of the shadows. Does Luke dare to become involved in her dangerous plan? Can he afford not to?
<i>Uglies</i> (Uglies Series)	Scott Westerfield	Everybody gets to be supermodel gorgeous. What could be wrong with that? Tally Youngblood is about to turn sixteen, and she can't wait. Not for her driver's license; rather, for turning pretty. In Tally's world, your sixteenth birthday brings an operation that turns you from a repellent ugly into a stunningly attractive pretty and catapults you into a high-tech paradise where your only job is to have a really great time. In just a few weeks Tally will be there. Anticipating this happy transformation, Tally meets Shay, another female ugly, who shares her enjoyment of hoverboarding and risky pranks. But Shay also disdains the false values and programmed conformity of the society. She'd rather risk life on the outside and urges Tally to defect with her. When Shay runs away, Tally learns about a whole new side of the pretty world, and it isn't very pretty. The authorities offer Tally the worst choice she can imagine: Find her friend and turn her in, or never turn pretty at all. The choice Tally makes changes her world forever.
<i>The Maze Runner</i> (Maze Runner Series)	James Dashner	Thomas awakens alone and confused in an elevator. He can't remember how he got there. He doesn't know anything about himselfexcept his name. When he gets out of the elevator, he finds other boys, 60 of them. All are trapped in the Glade, a small patch of land surrounded on all sides by a brick wall. Between the food they've learned how to grow and the supplies that are sent to them, they do well. But why are they here? And will they ever figure out how to navigate the maze that keeps them locked inside the Glade? Soon, a girl arrives with a mysterious message and everything begins to change. Thomas knows that he could lead everyone out through the mazeif only he could tap into his dark memories. Mysterious and creepy, action-packed and suspenseful, you'll get so into this book you might not be able to get out!

\*Note: Although you are only required to read one title from this list, please feel free to read more than one from this list if you're interested! several of these titles are openers to a series. I encourage you to continue the series if you enjoyed it! Name: \_\_\_\_

## SUMMER READING LOG GRAPHIC ORGANIZER

\_\_\_\_\_

**Directions**: Complete ONE graphic organizer square **every 25 pages of the book** you have chosen from the list according to the prompts in the template. Choose either square A, B, C, or D as you see best fit. You do NOT need to complete all 4 squares for each section!

Book Title: A	uthor: Pages:
A. Summary and Prediction	C. Personal Response
<ol> <li>Write a summary of the assigned reading. Your summary must:         <ul> <li>Describe 3 key events in the story using transition words (Example: first, next, then, finally)</li> <li>Be a minimum of 4 sentences</li> </ul> </li> </ol>	<ul> <li>1. Write a personal response to the assigned reading.</li> <li>Your response must:         <ul> <li>Honestly describe and explain your thoughts and feelings as you read the chapter. What were you thinking?</li> <li>Be a minimum of 5 sentences.</li> </ul> </li> </ul>
<ul> <li>2. Make a prediction about what will happen. Your prediction must: <ul> <li>Be linked to the events described in your summary</li> <li>Be a minimum of 2 sentences</li> </ul> </li> </ul>	If you are having trouble starting, you can choose from the list of response starters below. <i>Do not feel restricted by this list.</i> - When I read this chapter I felt - I can relate to - I am confused about - This reminds me of - I want to ask the author/character
B. Important Passage	D. Questions
<ul> <li>1. Record ONE passage from the chapter that stands out to you as an important moment. <u>The passage must:</u> <ul> <li>Be in MLA format "This is a quote" (Breen 3-7)</li> <li>Be a minimum of 2 sentences</li> </ul> </li> <li>2. Explain why you chose the passage <u>The explanation must:</u> <ul> <li>Be at minimum of 2 sentences</li> </ul> </li> <li>Think: Why is this passage important? How does it contribute to the novel?</li> </ul>	<ul> <li>1. Record two questions you have as you read.</li> <li>Your questions must: <ul> <li>Include one comprehension question (who, what, when, where)</li> <li>Include one analytical question (why, how)</li> <li>Be properly punctuated and use correct grammar</li> <li>Be numbered 1-2</li> </ul> </li> </ul>

## Symmer Reading Log Graphic organizer

**Directions**: Complete ONE prompt **every 25 pages of the book** you have chosen from the list according to the prompts in the template. Choose either prompt A, B, C, or D as you see best fit. You do NOT need to complete all 4 prompts for each section!

Book Title:	Author:	Pages:
I am doing A. Summary and Prediction	for these 25 pag	jes (choose one of the options below).
<ul><li>B. Important Passage</li><li>C. Personal Response</li><li>D. Questions</li></ul>		

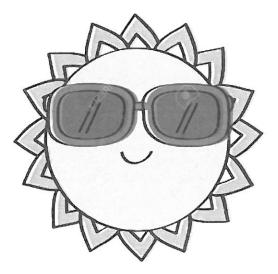
\*You should reproduce this worksheet on a white lined piece of paper or print multiple copies of this page. You

should have one prompt response for every 25 pages of your chosen novel.

# SUMMER READING CHECKLIST:

1.)	Choose a utopia book. The book I chose is:								
		by							
2.)		ot for every 25 pages for your chosen tional checkboxes here if your book is longer than this!)							
	Pages 1-25	Pages 26-51							
	Pages 52-77	Pages 78-103							
	Pages 104-128	Pages 129-154							
	Pages 155-180	Pages 181-206							
	Pages 207-232								

3.) Bring ALL of your work to school on the first day!



# Summer Math Packet

Students entering 8th grade Fall of 2022

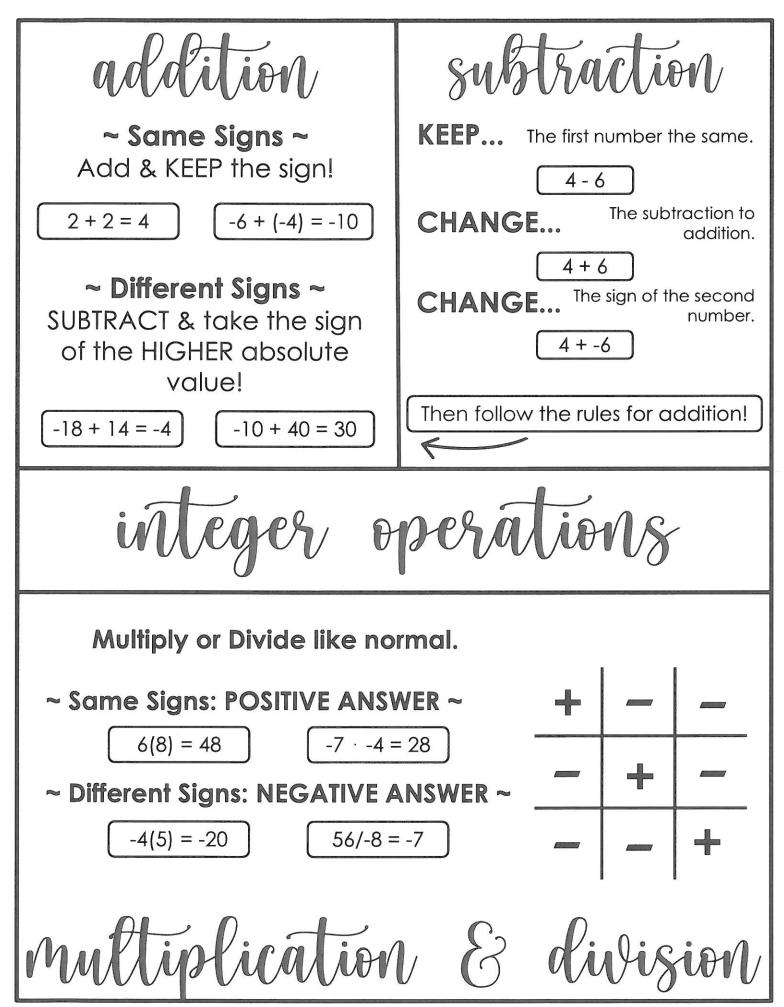
Name:

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

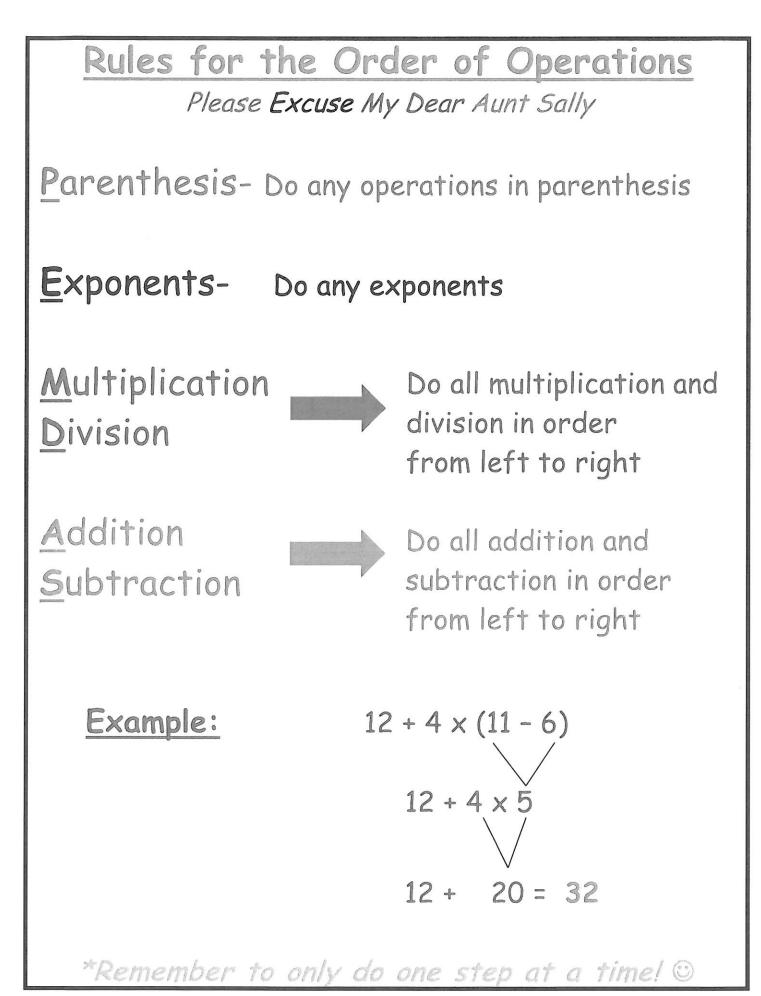
Hello! I hope you enjoy your summer, but it is good to work throughout the summer to keep your skills sharp. This packet may seem long, but most of the problems should be quick to solve and there are some diagrams that take up space. Please do not use a calculator and I look forward to seeing you in the fall.

Sincerely,

Mrs. Cocchi MMS Math Department jcocchi@town.hull.ma.us



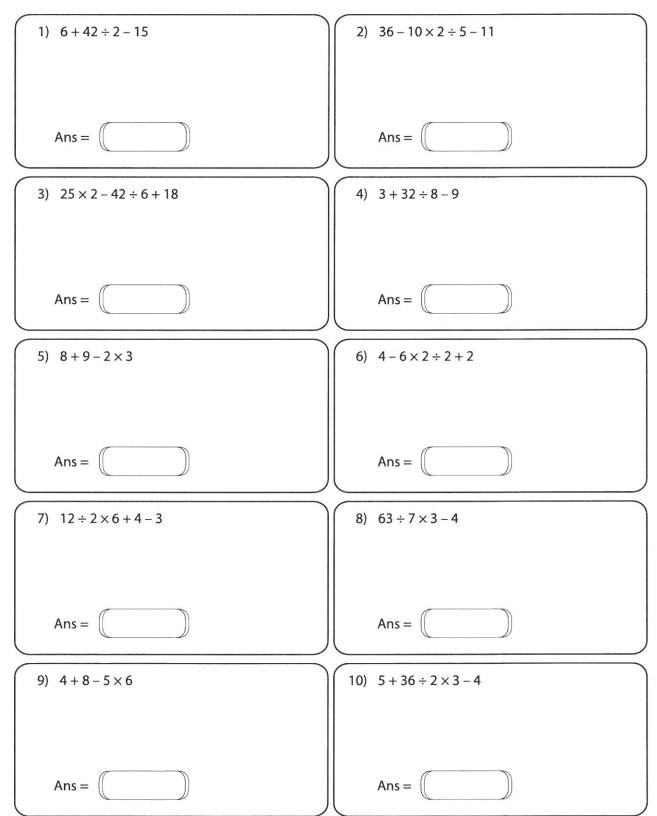
Integer Operations Rev	iew	Name:	
Adding Integers			
1) 85 + (-96) =	2) 80 + 57 =		3) 86 + (-38) =
4) 22 + (-41) =	5) -18 + (-45) =		6) -32 + 48 =
7) 6 + (-33) =	8) 6 + (-47) =		9) (-78) + 69 =
10) -72 + (-30) + 10 =	11) -83 + (-36) + 2	0 =	
Subtracting Integers			
1) 1 – 3 =	2) 2 – (-5) =	_	3) 6 – (-9) =
4) -7 - (-1) =	5) -7 - 4 =	-	6) 3 - (-2) =
7) -1 -9 =	8) 2-9 =	_	9) -8 - (-1) =
Multiplying Integers			
1) (-4)(-12) =	2) -8 x (-8) =		3) (-8)(-10) =
4) 5 x 1 =	5) (-10)(11) = _		6) (-3)(-8) =
7) -2 x 6 =	8) 7(-12) =		9) 4 x (-10) =
10) (-9)(-6)(2) =	11) (-10)(-7)(-4) =	·	
Dividing Integers			
1) -48 ÷ 6 =	2) -81 ÷ (-9) = _		3) -18 ÷ (-6) =
4) 25 ÷ (-5) =	5) -10 ÷ 2 =		6) -35 ÷ (-5) =
7) -42 ÷ 6 =	8) -70 ÷ (-7) = _		9) -16 ÷ (-8) =



(Order of Operations: Basic)

L3ES1

Solve.



Printable Worksheets @ www.mathworksheets4kids.com

## 5 simple rules for simplifying fractions:

- #1—check to see if the numerator fits evenly into the denominator. If so, divide by the numerator.
- #2—check to see if both the numerator and denominator are even. If so, divide by 2. (This helps cover 2's, 4's, 6's, and 8's.)
- #3—check to see if both the numerator and denominator are multiples of3. If so, divide by 3. (This helps cover 3's, 6's, and 9's.)
- #4—check to see if both the numerator and the denominator are multiples of 5. If so, divide by 5. (*This helps cover 5's and 10's.*)
- #5—check to see if the numerator and denominator are any other obvious multiples of basic prime numbers, like 7, 11, or 13. (*This gets most of the others*)

Recheck each of these rules after each step of simplifying to make sure you are in SIMPLEST form. Also remember, that if you get the numerator to 1, you are done!

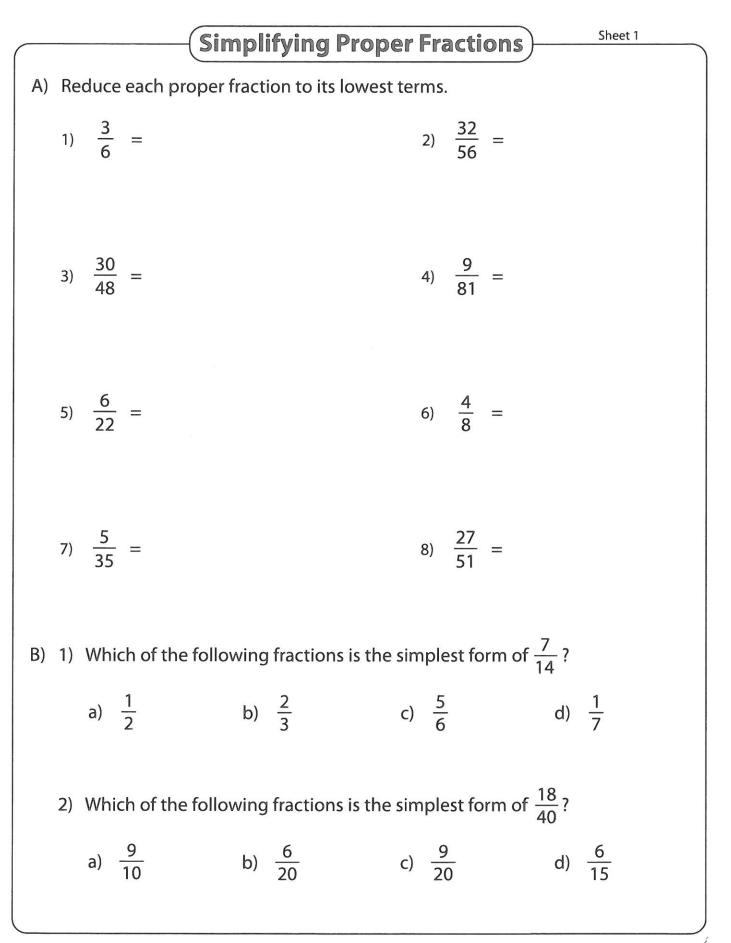
The 5 rules in simplest form are:  $\div \mathbb{N} \div 2 \div 3 \div 5 \div \mathbb{P}$ rimes

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- #4—check to see if both the numerator and the denominator are multiples of 5. If so, divide by 5. (*This helps cover 5's and 10's.*)
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The 5 rules in simplest form are:  $\div \mathbb{N} \div 2 \div 3 \div 5 \div \mathbb{P}$ rimes



Decimal Place Value Chart

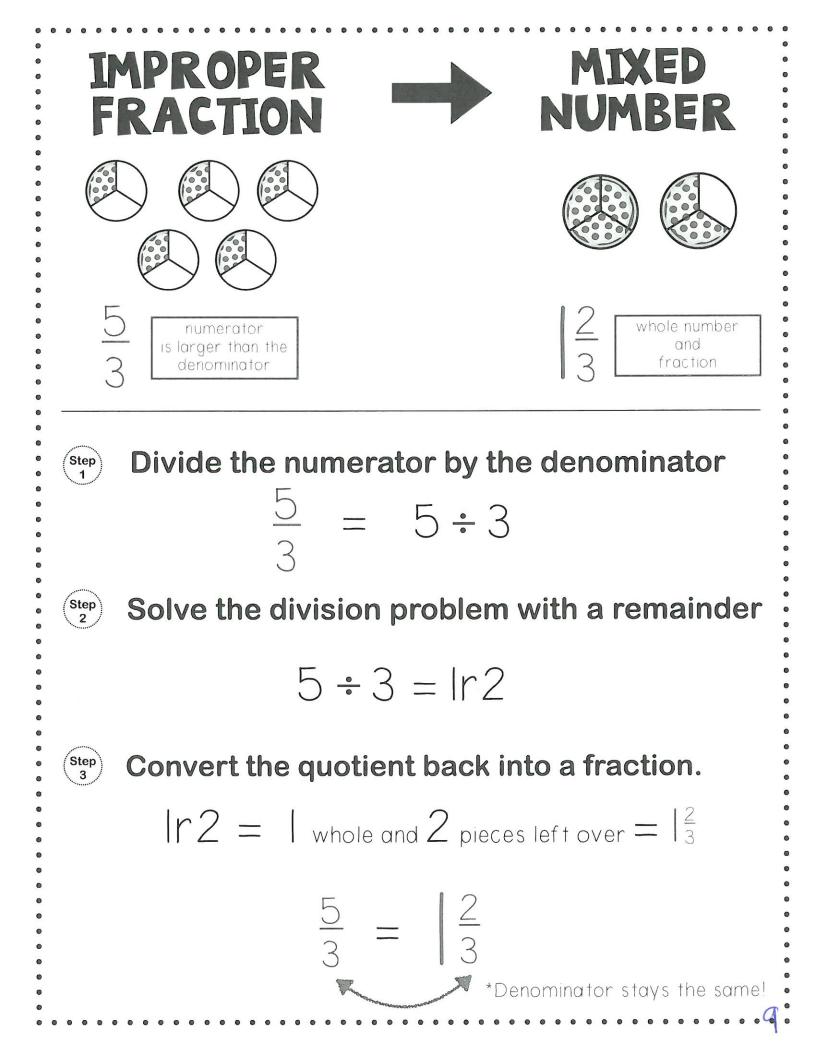


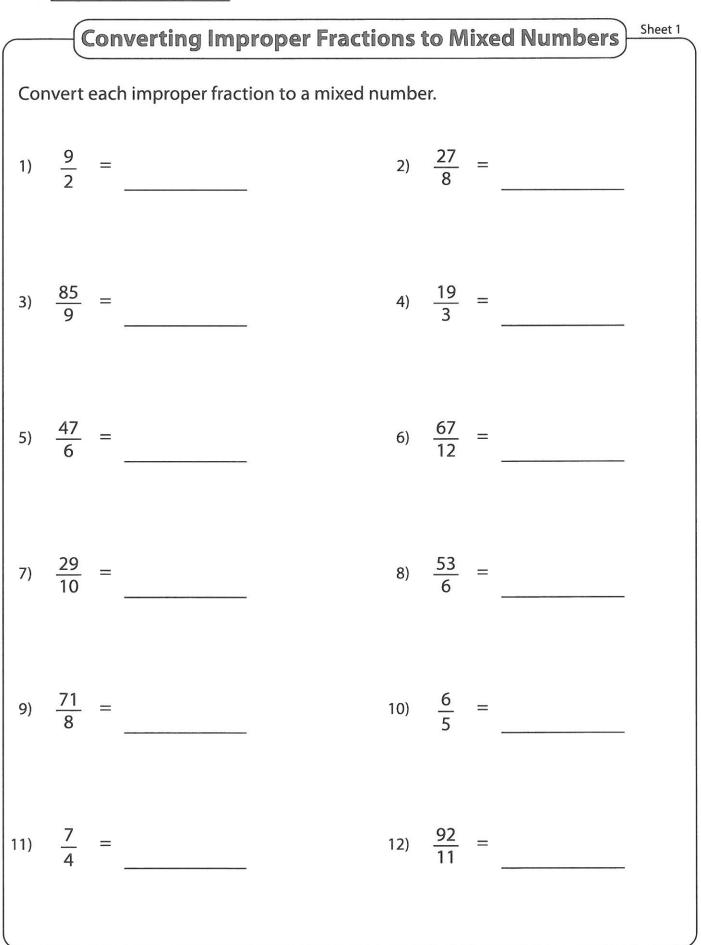
4.4 1	$\left  \right\rangle$	1 100,000	hth	hundred thousandths
al Part		10,000	tth	sythnesuodt net
Fractional		1,000	th	sytpnesuont
<u>L.</u>		100	ц	hundredths
	J	10	ىپ	tenths
>				B
		-	0	sənO
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Number Part		100	I	Hundreds
Vumb Numb		1,000	Тћ	spuesnoyT
Whole		10,000	HTT	sbnssuodT n9T
90		100,000	НТН	Hundred Thousands
	6(11.)			

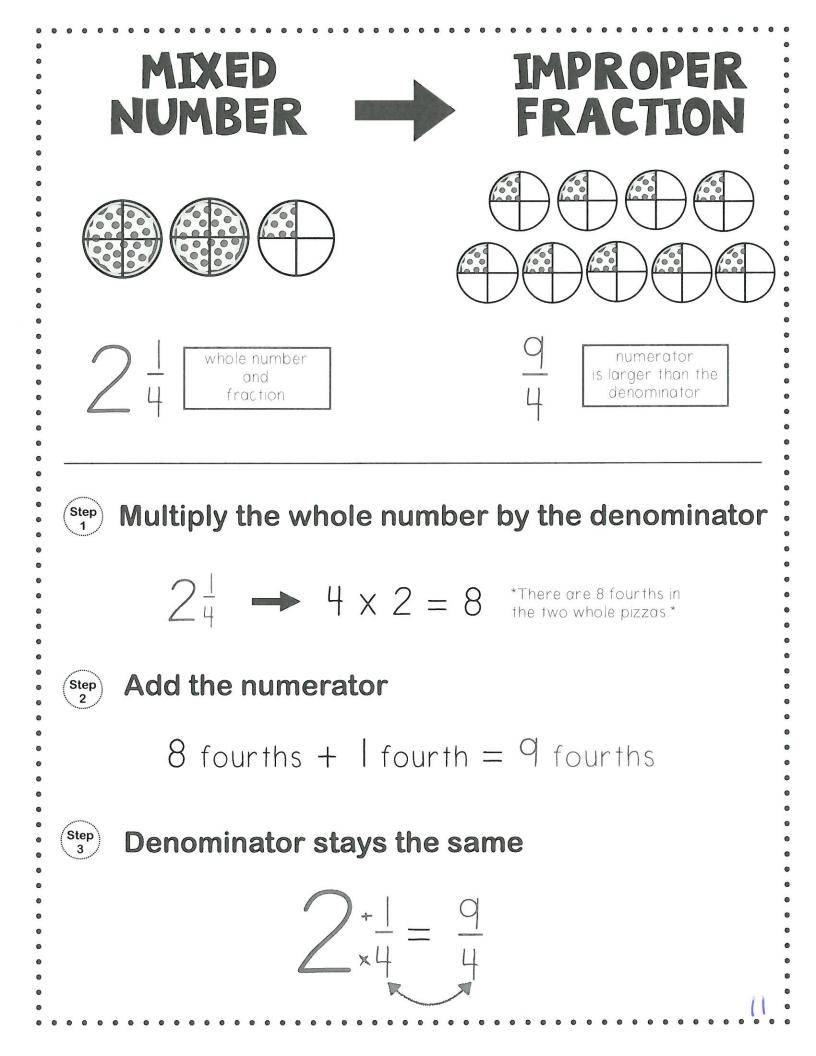
Decimal Point

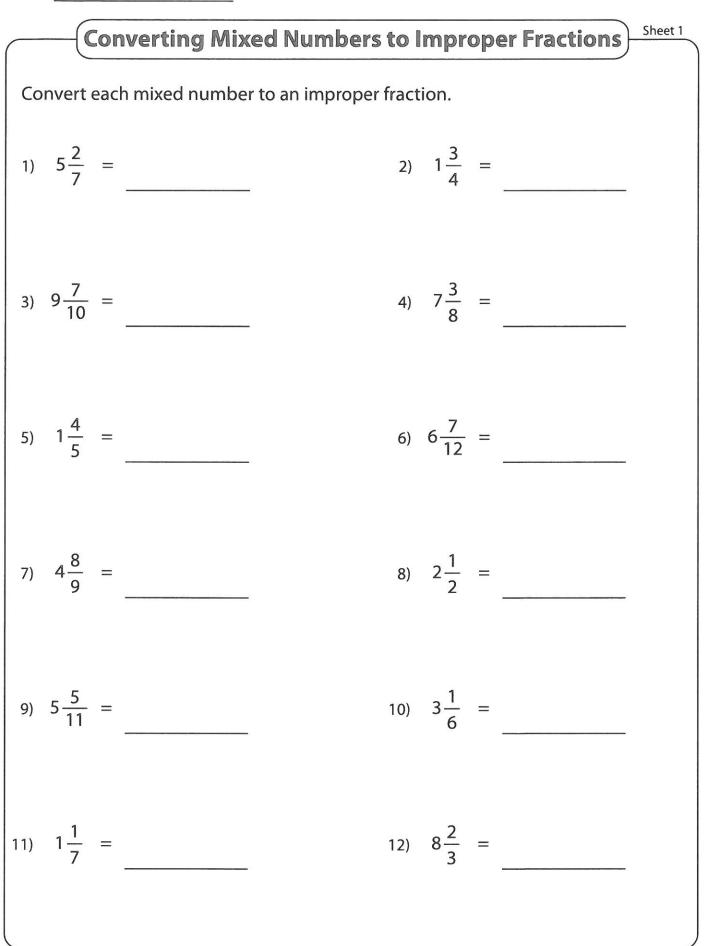
7

			( U	nderline tl	he	Digit )	Up to t	housandths: S1
1)	Uno	derline the digit	in tl	nousandths plac	e.			
	a)	756.218	b)	3.672	c)	821.053	d)	46.809
2)	Uno	derline the digit	in o	nes place.				
	a)	2.70	b)	13.586	c)	562.1	d)	309.14
3)	Uno	derline the digit	in h	undreds place.				
	a)	197.8	b)	823.40	c)	261.349	d)	594.1
4)	Uno	derline the digit	in te	enths place.				
	a)	423.16	b)	5.2	c)	235.46	d)	86.357
5)	Uno	derline the digit	in te	ens place.				
	a)	729.85	b)	962.5	c)	80.403	d)	215.69
6)	Und	derline the digit	in h	undredths place	2.			
	a)	473.529	b)	12.896	c)	3.602	d)	742.93
7)	Uno	derline the digit	in th	nousandths plac	e.			
	a)	387.215	b)	2.674	c)	92.561	d)	54.362
8)	Und	derline the digit	in te	enths place.				
	a)	5.829	b)	67.208	c)	76.943	d)	123.567

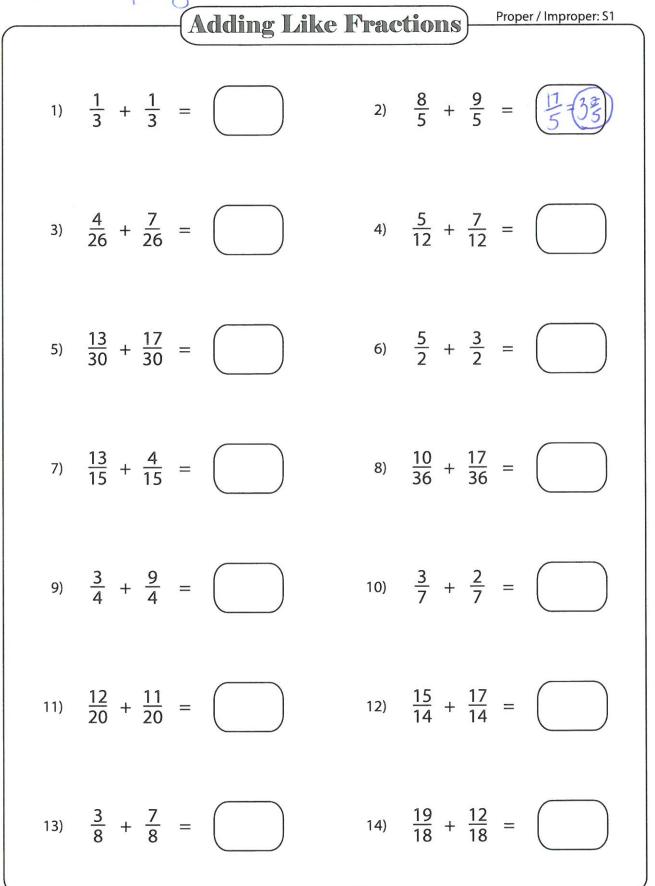








\* Add the numerators and keep the denominator. \* Then simplify.

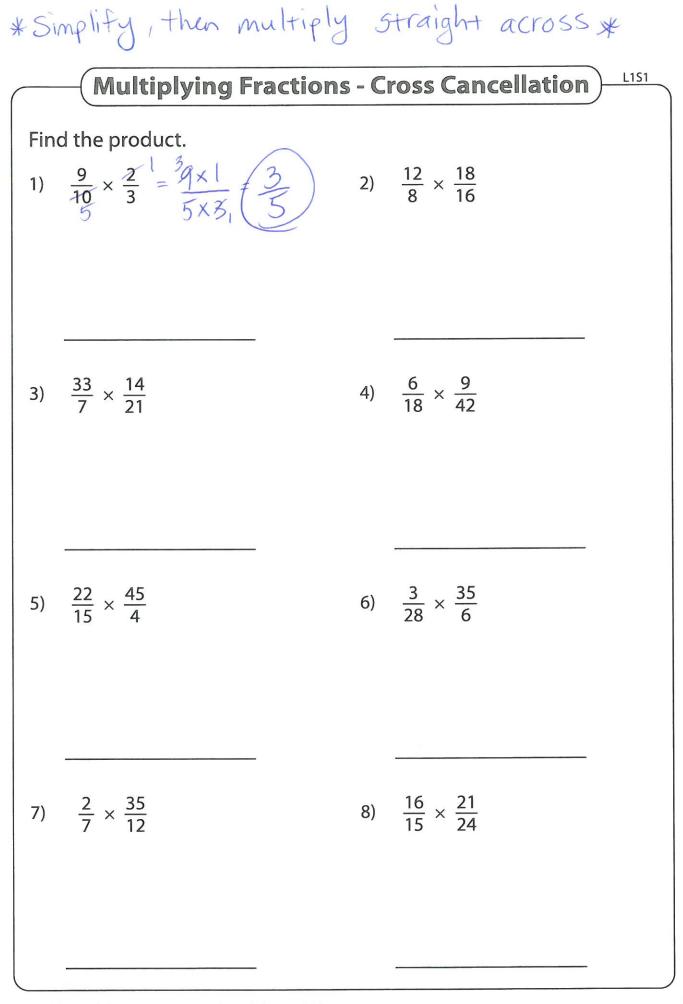


# \*Find a common denominator, then add \* \*Then simplify

1. 1.0011	Adding Prope	r Fractions	ES1
1)	$\frac{3}{8} + \frac{1^{\times 2}}{4^{\times 2}} = \underbrace{5}_{8}$	2) $\frac{2}{3} + \frac{8}{9} =$	
	$\frac{5}{6} + \frac{7}{12} =$	4) $\frac{4}{10} + \frac{3}{5} =$	
5)	$\frac{1}{2} + \frac{3}{4} = \bigcirc$	6) $\frac{2}{3} + \frac{1}{2} =$	
7)	$\frac{7}{11} + \frac{2}{5} =$	8) $\frac{1}{4} + \frac{4}{7} =$	
9)	$\frac{2}{3} + \frac{2}{6} = \bigcirc$	10) $\frac{3}{5} + \frac{1}{2} =$	
11)	$\frac{1}{4} + \frac{11}{12} = $	12) $\frac{3}{4} + \frac{5}{6} =$	
13)	$\frac{4}{5} + \frac{2}{3} = \bigcirc$	14) $\frac{1}{2} + \frac{3}{8} =$	

* Subr * The	ract the r n simplif	umerator y *	and	keep	di	enominator.
		racting Prop	per F	<b>'raction</b>	s	Easy: S1
1)	$\frac{10}{12} - \frac{3}{12} =$	(J)	2)	$\frac{5}{7} - \frac{3}{7}$	=	
3)	$\frac{2}{3} - \frac{1}{3} =$		4)	$\frac{3}{4} - \frac{2}{4}$	=	
5)	$\frac{4}{5} - \frac{2}{5} =$		6)	$\frac{9}{10} - \frac{3}{10}$	=	
7)	$\frac{7}{8} - \frac{4}{8} =$		8)	$\frac{5}{6} - \frac{4}{6}$	=	
9)	$\frac{8}{10} - \frac{1}{10} =$		10)	$\frac{11}{12} - \frac{10}{12}$	=	
11)	$\frac{6}{7} - \frac{2}{7} =$		12)	$\frac{10}{11} - \frac{4}{11}$	=	
13)	$\frac{7}{9} - \frac{4}{9} =$		14)	$\frac{3}{5} - \frac{2}{5}$	=	

*CONVR *Then	rt to find	o in a c	nproper fract	-ior hin	n atc	71			
		-(\$1	ubtracting Unl	ike	Fra	cti	ons	)—	All fractions: S1
1)	8 <u>1</u> -	$2\frac{2}{8}$	$= \frac{50}{8} = 6\frac{2}{8} = 6\frac{2}{50}$	2)	<u>7</u> 9	_	<u>2</u> 3	=	
3)	<u>9</u> 5 –	<u>22</u> 20	=	4)	9 <u>4</u> 7	_	<u>30</u> 28	=	
5)	$5\frac{1}{2}$ –	<u>4</u> 10	=	6)	<u>10</u> 3	_	<u>2</u> 5	=	
7)	<u>11</u> 12 –	<u>5</u> 6	=	8)	$4\frac{1}{2}$	_	1 <u>2</u> 3	=	
9)	$7\frac{1}{3}$ –	<u>40</u> 39	=	10)	<u>9</u> 4	_	<u>20</u> 16	=	
11)	$\frac{7}{2}$ –	<u>4</u> 5	=	12)	3 <u>1</u> 6	_	<u>15</u> 18	=	
13)	$4\frac{3}{4}$ -	2 <u>6</u> 12	=	14)	<u>13</u> 7	_	<u>12</u> 14	=	



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