

Name \_\_\_\_\_

### 7<sup>th</sup> Grade Summer Work

This packet will be collected on the first day of school. Please show ALL OF YOUR WORK for each problem. Please write your answer on the line provided.

- 1) Sally works for 7 hours and earns \$56. At this rate, how much does she earn in 1 hour? 1) \_\_\_\_\_
  
- 2) Ben buys  $2\frac{1}{2}$  pounds of bananas for \$1.50. How much is he paying for 1 pound of bananas? 2) \_\_\_\_\_
  
- 3) Adam runs 7 miles in 1 hour. At this rate, how far can he run in 5 hours? 3) \_\_\_\_\_
  
- 4) The Runyon family drove 110 miles in 2 hours. At this rate, how far would they drive in 7 hours? 4) \_\_\_\_\_
  
- 5) Which of the following ratios are equivalent to 2:5?  
a. 4:7      b. 4:10      c. 1:2.5      d. 1:4      5) \_\_\_\_\_
  
- 6)  $\frac{2}{5} + \frac{3}{4}$  6) \_\_\_\_\_
  
- 7)  $3\frac{1}{2} + 2\frac{3}{4}$  7) \_\_\_\_\_
  
- 8)  $\frac{5}{6} - \frac{2}{3}$  8) \_\_\_\_\_
  
- 9)  $4\frac{5}{12} - 2\frac{2}{3}$  9) \_\_\_\_\_
  
- 10)  $\frac{2}{3} + 1\frac{1}{4} - \frac{1}{6}$  10) \_\_\_\_\_

11)  $\frac{2}{3} \times \frac{6}{15}$

11) \_\_\_\_\_

12)  $2\frac{1}{2} \times 3\frac{1}{5}$

12) \_\_\_\_\_

13)  $\frac{2}{3} \div \frac{5}{6}$

13) \_\_\_\_\_

14)  $1\frac{1}{5} \div 2\frac{2}{5}$

14) \_\_\_\_\_

15)  $5.7 + 2.02$

15) \_\_\_\_\_

16)  $1.23 + 0.5$

16) \_\_\_\_\_

17)  $9.78 - 6.25$

17) \_\_\_\_\_

18)  $4.2 - 1.57$

18) \_\_\_\_\_

19)  $1.2 \times 2.3$

19) \_\_\_\_\_

20)  $5.6 \times 0.25$

20) \_\_\_\_\_

21)  $6.8 \div 2$

21) \_\_\_\_\_

22)  $16.2 \div 0.9$

22) \_\_\_\_\_

- 23) Find the absolute value of  $|-5.5|$ . 23) \_\_\_\_\_
- 24) Find the absolute value of  $|12.34|$ . 24) \_\_\_\_\_
- 25) Write an expression for the phrase “the sum of a number and 7” 25) \_\_\_\_\_
- 26) Write an expression for the phrase “the quotient of 18 and a number” 26) \_\_\_\_\_
- 27) Evaluate the expression  $a + b$ , when  $a = 5$  and  $b = 9$  27) \_\_\_\_\_
- 28) Evaluate the expression  $2a - 3b$ , when  $a = 8$  and  $b = 2$  28) \_\_\_\_\_
- 29) Evaluate (solve) the expression:  $23 - 12 \div 2 + 5$  29) \_\_\_\_\_
- 30) Evaluate (solve) the expression:  $2.3 + 5.7 \div 0.3 - 1.7$  30) \_\_\_\_\_
- 31) Use the formula  $Area = length \times width$  to solve for the area of a rectangle. Length = 3.5 cm, Width = 12 cm 31) \_\_\_\_\_
- 32) Use the formula  $Area = \frac{1}{2} \times base \times height$  to solve for the area of a triangle. Base =  $\frac{3}{4}$  in, Height = 8 in 32) \_\_\_\_\_

- 33) What is 25% of 26? 33) \_\_\_\_\_
- 34) What is 40% of 120? 34) \_\_\_\_\_
- 35) What is 120% of 15? 35) \_\_\_\_\_
- 36) What is 150% of 20? 36) \_\_\_\_\_
- 37) You buy a video game for \$30. With 6% sales tax, what is the total cost? 37) \_\_\_\_\_
- 38) You buy a TV for \$245. With 6% sales tax, what is the total cost? 38) \_\_\_\_\_
- 39) Your bill at a restaurant is \$25. With 20% tip, what is the total cost? 39) \_\_\_\_\_
- 40) Your bill at a restaurant is \$58. With 15% tip, what is the total cost? 40) \_\_\_\_\_

## Summer Work Reminders

Adding and Subtracting Fractions: Find a common denominator, make equivalent fractions, add or subtract numerators

Multiplying Fractions: multiply across, simplify

Dividing Fractions: keep the first fraction, change division to multiplication, flip the second fraction, multiply across

Adding and Subtracting Decimals: line up the decimal, bring down the decimal, add or subtract

Multiplying Decimals: Multiply numbers, count the number of digits behind the decimals, move the decimal in your answer so there are the same number of digits behind the decimal

Dividing Decimals: Move the decimal in the number you are *dividing by* until you have a whole number, move the decimal in the other number the same number of times, divide

Order of Operations: Parentheses, Exponents, Multiply/Divide, Add/Subtract

Finding the Percent of a Number: Change the percent to a decimal (move the decimal two places to the left), multiply

Sales Tax/Tip: Find sales tax or tip percent of total. To find total cost, add original cost and amount of sales tax or tip.

## IXL Topics

6<sup>th</sup> grade

J. 3, 6

K.6, 11

L.5, 7

O.3

R. 1 – 9

S.1, 4, 5, 7, 9

Y.1 – 5

## Cereal Box Book Report

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

Directions:

1. Choose one of the three required summer reading books
2. Get a cereal box and cover it with light colored paper.
3. Front of the box: Create a front cover for your box. (You will probably want to do this before gluing it on the box).
  - Include the name of your cereal and a picture
  - Invent the name for cereal that is related to the book. (*Example: for Harry Potter and the Sorcerer's Stone, you might invent a cereal called Wizard Wands. A toasted oat cereal in the shape of wands and miniature lightning bolts*).
  - Decorate the cover, be creative – make it colorful!
  - Add phrases or a slogan about your book that would entice others to want to read it.
  - If your book won any awards, such as a Newberry Award, advertise that on the front.
4. Right side of the box: Make a list of ingredients that includes the setting and characters.
  - Under the heading “Ingredients” list the main characters and write a brief sentence about each one.
  - Describe the setting.
  - You can add illustrations here too
5. Left side of the box: Give your opinion of the book.
  - Write your opinion of the book.
  - Explain why others should or should not read it.
6. Back of box: Write a summary of your book.
  - The first paragraph should introduce the book.
  - The second paragraph should summarize the beginning of the story.
  - The third paragraph should summarize the middle of the story.
  - The fourth paragraph should summarize the ending of the story.
  - Your closing paragraph should remind the reader of the general plot or the overall theme of your book
  - Plan these paragraphs out and write them before you attach them or rewrite them on the box.
7. Top of the box: Book information (template is attached)
  - Include the title of the book
  - Write the author's name
  - Number of pages
  - Give it a star rating
8. Bottom of the box: Write YOUR name!

## Entering Seventh Grade

### Three books are required for summer reading

**\*\* You must read at least one of the starred books plus one other title from the list below.**

\* **The Inquisitor's Tale: Or, The Three Magical Children and Their Holy Dog** by Adam Gidwitz On a dark night, travelers from across France cross paths at an inn and begin to tell stories of three children. Their adventures take them on a chase through France: they are taken captive by knights, sit alongside a king, and save the land from a farting dragon. 2017 Newbery Honor Book ©2016 Grade Level 6-10

\* **Riding Chance** by Christine Kendall Troy is a kid with a passion. And dreams. And wanting to do the right thing. But after taking a wrong turn, he's forced to endure something that's worse than any juvenile detention he can imagine—he's "sentenced" to the local city stables where he's made to take care of horses. ©2016 Grade Level 6–8

\* **The Wednesday War** by Gary D. Schmidt Meet Holling Hoodhood, a seventh-grader at Camillo Junior High, who must spend Wednesday afternoons with his teacher, Mrs. Baker, while the rest of the class has religious instruction. Mrs. Baker doesn't like Holling—he's sure of it. Why else would she make him read the plays of William Shakespeare outside class? 2008 Newbery Honor Book @2007 Grade Level 5-7

\* **Wolf Hollow** by Lauren Wolk Growing up in the shadows cast by two world wars, Annabelle has lived a mostly quiet, steady life in her small Pennsylvania town. Until the day new student Betty Glengarry walks into her class. 2017 Newbery Honor Book ©2016 Grade Level 6-8

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**Absolutely Truly** by Heather Vogel Frederick Truly Lovejoy is accustomed to change. Her father's military career means they move often. But the kind of change that comes when her father loses an arm in Afghanistan and decides to move the family to middle-of-nowhere Pumpkin Falls to take over the family bookstore is a little more than Truly can handle. 2014 Grade Level 7-8

**Forever, or a Long, Long Time** by Caela Carter Flora and her brother, Julian, don't believe they were born. They've lived in so many foster homes, they can't remember where they came from. And even now that they've been adopted, Flora still struggles to believe in forever. 2017 Grade Level 7-8

**Full Cicada Moon** by Marilyn Hilton It's 1969, and the Apollo 11 mission is getting ready to go to the moon. But for half-black, half-Japanese Mimi, moving to a predominantly white Vermont town is enough to make her feel alien. 2015 Grade Level 5–8

**Genevieve's War** by Patricia Reilly Giff Thirteen-year-old American girl Genevieve has spent the summer of 1939 at her grandmother's farm in Alsace, France. Then she makes an impulsive choice: to stay in France. It proves to be a dangerous decision. World War II erupts. 2017 Grade Level 6-7

**In the Footsteps of Crazy Horse** by Joseph Marshall Jimmy McClean is a Lakota boy—though you wouldn't guess it by his name: his father is part white and part Lakota, and his mother is Lakota. When he embarks on a journey with his grandfather, Nyles High Eagle, he learns more and more about his Lakota heritage—in particular, the story of Crazy Horse, one of the most important figures in Lakota and American history. 2015 Grade Level 6–8

**Liar and Spy** by Rebecca Stead Seventh-grader Georges moves into a Brooklyn apartment building and meets Safer, a twelve-year-old self-appointed spy. Georges becomes Safer's first spy recruit. His assignment? Tracking the mysterious Mr. X, who lives in the apartment upstairs. 2012 Grade Level 6-9

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**Lizzie Bright and the Buckminster Boy by Gary D. Schmidt** It only takes a few hours for Turner Buckminster to start hating Phippsburg, Maine. No one in town will let him forget that he's a minister's son, even if he doesn't act like one. But then he meets Lizzie Bright Griffin, a smart and sassy girl from a poor nearby island community founded by former slaves. 2014 Newbery Honor Book @2013 Grade Level 6-9

**Race to the Bottom of the Sea by Lindsay Egar Merrick** the Monstrous, a pirate who kidnaps Fidelia for her marine knowhow, takes her on an adventure to find a treasure lost on the ocean floor. A scientist, an inventor, a huge shark, a librarian, and the Royal Navy are all part of a story that keeps readers wondering how they are all connected and why a dying pirate is so intent on finding his lost treasure. @2017 Grade Level 6–8

**The Red Bandanna by Tom Rinaldi** Welles Crowther always kept a red bandanna with him, a gift from his father. Little did he know how that bandanna would help him in a time of crisis, during the fall of the South Tower of the World Trade Center. Readers will be fascinated by the story of an ordinary man who did extraordinary work to save lives of others while sacrificing his own. Winner of the Christopher Award, Notable Social Studies Book @2017 Grade Level 6–8

**Saving Lucas Biggs by Marisa de los Santos** Thirteen-year-old Margaret knows her father is innocent, but that doesn't stop the cruel Judge Biggs from sentencing him to death. Margaret is determined to save her dad, even if it means using her family's secret—and forbidden—ability to time travel. @2015 Grade Level 6–8

**The Trials of Apollo: The Dark Prophecy (Book 2) by Rick Riordan** The Dark Prophecy is a continuation of the adventure of Apollo, who has been cast out of Mount Olympus and stripped of his godly powers. The challenge of finding and restoring the oracles, and the comedy of Apollo learning to use his new human body, will delight fans. Readers will love revisiting Camp Half-Blood and many of Riordan's characters from the Percy Jackson series. @2018 Grade Level 7–9

## Summer Reading Cereal Box Book Report Rubric

Name \_\_\_\_\_

Book Title \_\_\_\_\_

	Score	
Front of the cereal box	4	<u>All information included</u> – Cereal name (related to the book), picture, slogans and/or phrases about the cereal
	3	Most information included
	2	Some information included
	1	No information about the book included
Right side of the cereal box “Ingredients”	4	<u>All information included</u> – characters complete with sentences, setting is described
	3	Most information included
	2	Some information included
	1	No information about the book included
Left side of the cereal box “Opinion”	4	Opinion is well written; includes a beginning statement, clarifying information that is organized, and a conclusion
	3	Opinion includes most of the information
	2	Opinion includes some of the information
	1	No opinion of the book is included
Back of the cereal box “Summary”	8	Summary is well written and includes all aspects of the story. Paragraphs are well formed and organized. It is clear the student read and understood the book.
	6	Summary includes all aspects of the story, but the paragraphs are not well formed or organized. It is clear the student read the book.
	4	Includes a description of some of the events in the story. It appears the student read most of the book, but lacks complete understanding.
	2	Summary is too vague. Does not appear the student read or understood the book
Top of the cereal box	4	<u>All information is included</u> – Title, # of pages, star rating
	3	Most information included
	2	Some information included
	1	No information about the book included
Convention	4	0 – 2 grammatical errors
	3	3 – 4 grammatical errors, but does not effect understanding
	2	4 – 5 grammatical errors, may effect understanding
	1	More than 5 errors – unable to comprehend report
Artistry / Creativity	4	Sides are covered with color, illustrations and additional creative items
	3	Sides are covered with color and illustrations
	2	Some illustrations and color
	1	Box uncovered, little – no illustrations