



GREEN VALE  
S C H O O L

## 2026 Summer Work

### - Entering 4<sup>th</sup> Grade -

Dear Rising 4th Grade Families,

#### **Happy summer break!**

Attached you will find your assigned reading and the math packet for the summer. We ask that you support your child by reviewing their daily work. Both of these assignments are **mandatory** and should be returned to their new teacher in September.

Please ensure your child reads at least 20 minutes per day, 4–5 times a week, to strengthen their reading skills. If you're unsure what to read, please refer to the suggested book list included in this packet for fourth graders.

This summer, students are **required to read *Tales of a 4th Grade Nothing* by Judy Blume**, along with **at least two books of their choice**. They are welcome to read more! We recommend starting *Tales of a 4th Grade Nothing* in early August so it's completed—along with the accompanying questions—right before school begins. Students may answer the questions on separate lined paper or directly on the document. Please remind them to use complete sentences in their responses. We hope this book helps spark excitement for entering Grade 4!

You'll also find **optional activities on the Summer Hub from our Specials teachers**—fun ways to stay connected to art, music, physical education, and other creative pursuits throughout the summer.

We hope everyone has a wonderful summer, full of enriching, relaxing, and fun activities!

Enjoy!

See you soon,

The Third Grade Team and Ms. Michaud





### Chapter Books for Emergent Readers

Ada, Alma Flor – My Name is Maria Isabel  
Auch, Mary Jane – I Was a Third Grade Science Project  
Benton, Jim – Franny K. Stein Series bks. 1-7  
Brown, Jeff – Invisible Stanley  
Brown, Jeff – Stanley and the Magic Lamp  
Bulla, Clyde Robert – The Chalk Box Kid  
Cameron, Ann – Gloria Rising  
Dahl, Roald – The Enormous Crocodile  
Dahl, Roald – The Magic Finger  
Danziger, Paula – Amber Brown Series bks. 1 & 2  
DeGross, Monalisa – Donovan's Word Jar  
Duffey, Betsy – How to be Cool in the Third Grade  
Gannett, Ruth Stiles – My Father's Dragon  
Greenberg, Dan – The Zack Files bks. 1-20  
Holt, Kimberly Willis – Piper Reed Series bks. 1-3  
Kelly, David A. – Ballpark Mysteries Series bks. 1-12  
Kelly, David A. – MVP Series bks. 1-4  
Kline, Suzy – Herbie Jones  
Kline, Suzy – Herbie Jones and the Class Gift  
Kline, Suzy – Herbie Jones and the Hamburger Head  
Le Guin, Ursula – Catwings Series bks. 1-3  
Lowry, Lois – Gooney Bird Greene Series bks. 1-5  
Mitchelhill, Barbara – The Case of the Disappearing Daughter  
Mitchelhill, Barbara – How to Be a Detective  
Mitchelhill, Barbara – Spycatcher  
Muncaster, Harriet – Isadora Moon Series bks. 1-3  
Osborne, Mary Pope – Magic Tree House Series bks. 29-33  
Osborne, Mary Pope – Magic Tree House: Merlin Missions bks. 1-17, 23-27  
Roy, Ron – A to Z Mysteries - all titles  
Roy, Ron – Capital Mysteries bks. 1-13  
Simon, Henry – Horrid Henry Series  
Stone, Rex – Dinosaur Cove Series bks. 1-7  
Thaler, Mike – The Class Trip from the Black Lagoon  
Thaler, Mike – The Talent Show from the Black Lagoon  
Thorpe, Kiki – Disney Never Girl Series bks. 1-13 (Fiction Disney Never)  
Trine, Greg – Melvin Beederman, Superhero Series bks. 1-8





### Books for Confident Readers

Abbott, Tony – Secrets of Droon Series bks. 1-6  
Adler, David – The Babe and I  
Angleberger, Tom – Inspector Flytrap  
Banscherus, Jurgen – Klooz Series – all titles  
Bowe, Julie – Friends for Keeps Series bks. 1 & 2  
Byars, Betsy – Tornado  
Cameron, Ann – Julian Series bks. 1-7  
Cameron, Ann – The Most Beautiful Place in the World  
Cleary, Beverly – Henry Series bks. 1-6  
Cleary, Beverly – Mouse & Motorcycle Series bks. 1-3  
Cleary, Beverly – Muggie Maggie  
Cleary, Beverly – Ramona Series bks. 1-7  
Cleary, Beverly – Ribsy  
Cleary, Beverly – Socks  
Clements, Andrew – Jake Drake Series bks. 1-4  
Cronin, Doreen – Chicken Squad Series bks. 1-4  
Dalglish, Alice – The Courage of Sarah Noble  
Danziger, Paula – Amber Brown Series bks. 3-10  
Flintham, Thomas – Press Start Series bks. 1 & 2  
Friedman, Laurie B. – Mallory Series bks. 1-25  
Friedman, Laurie B. – Geronimo Stilton Series bks. 1-40  
Gutman, Dan – My Weird School Series bks. 1-21  
Gutman, Dan – My Weird School Daze Series bks. 1-8  
Harper, Cherise Mericle – Just Grace Series bks. 1-9  
Hopkinson, Deborah – Apples to Oregon  
Hurwitz, Joanna – Baseball Fever  
Hurwitz, Joanna – Class Clown  
Hurwitz, Joanna – Class President  
King-Smith, Dick – A Mouse Called Wolf  
Lindgren, Astrid – Pippi Longstocking Series bks. 1-3  
MacDonald, Betty – Mrs. Piggle-Wiggle Series bks. 1-4  
Pennypacker, Sara – Clementine Series bks. 1-3  
Quindlen, Anna – Happily Ever After  
Rylant, Cynthia – Lighthouse Family Series bks. 1-4  
Smith, Robert – Chocolate Fever  
Warner, Gertrude Chandler – Boxcar Children bks. 1, 6, 7, 11, 17, 18, 25, 26, 35, 36, 43, 49, 57, 60





Alvin Ho (series) by Lenore Look  
Bad Kitty Chapter Books (series) by Nick Bruel  
Bermuda Triangle by Andrew Donkin  
The Carver Chronicles (series) by Karen English  
Chocolate Fever by by Robert Kimmel Smith  
Clubhouse Mysteries (series) by Sharon M. Draper  
Encyclopedia Brown by Leonard W. Shortall  
George's Marvelous Medicine by Roald Dahl  
Fantastic Mr. Fox by Roald Dahl  
George's Marvelous Medicine by Roald Dahl  
Gooseberry Park by Cynthia Rylant  
Here's Hank (series) by Henry Winkler and Lin Oliver  
The Hundred Dresses by Eleanor Estes  
Jake Maddox Girl Sports Stories (series) by Jake Maddox  
Johnny Appleseed by Steven Kellogg  
The Magic Shop (series) by Kate Egan  
Rattlesnakes by Sandra Markle  
Sideways Stories from Wayside School by Louis Sachar  
Thank You Jackie Robinson by Barbara Cohen  
Tut's Mummy Lost...and Found-Judy Donnelly/James Watling  
The Twits by Roald Dahl  
The World According to Humphrey (series) by Britt Birney



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

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

### Tales of a Fourth Grade Nothing Summer Work

Imagine you are Dribble the turtle. Describe what happened when Peter won you at Jimmy's birthday party from your point of view.

Things to consider:

- Were you excited, scared or nervous?
- What were your first thoughts of Peter?
- Did you like your new home?

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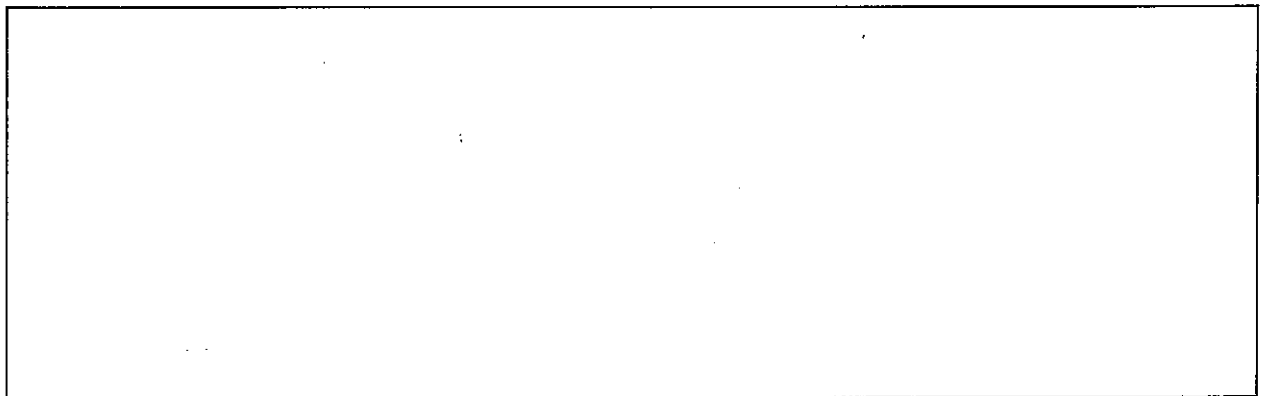
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Draw a picture of your new home in the box below:



## Cause and Effect - Chapter 2

Directions: Fill in the cause and effect boxes below.

Example: Cause: I woke up late. Effect: I was late for school.

| Cause                                                                | Effect                                            |
|----------------------------------------------------------------------|---------------------------------------------------|
| Mr. Hatcher invited Mr. & Mrs. Yarby to stay at the Hatcher's house. |                                                   |
|                                                                      | Mom called Dr. Cone.                              |
| Fudge ran into the room wearing a rubber gorilla mask.               |                                                   |
|                                                                      | The Yarbys left the apartment to stay at a hotel. |
|                                                                      | Mr. Hatcher lost the Juicy-O account.             |

### Problem / Solution - Chapter 3

Directions: In Chapter 3, Fudge has a problem. Determine Fudge's problem and then complete the problem and solution boxes below.

Solution #1:

Solution #2:

The main problem in Chapter 3 is:

Solution #3:

Solution #4:

How was the problem solved?

## EXTRA! EXTRA! Read All About it! Chapter 4

Directions: Imagine you were at the park when Fudge fell off the jungle gym. Write a newspaper article for your local newspaper describing the event. Include details such as: where the event took place, what happened, who you were with, and any other important facts.

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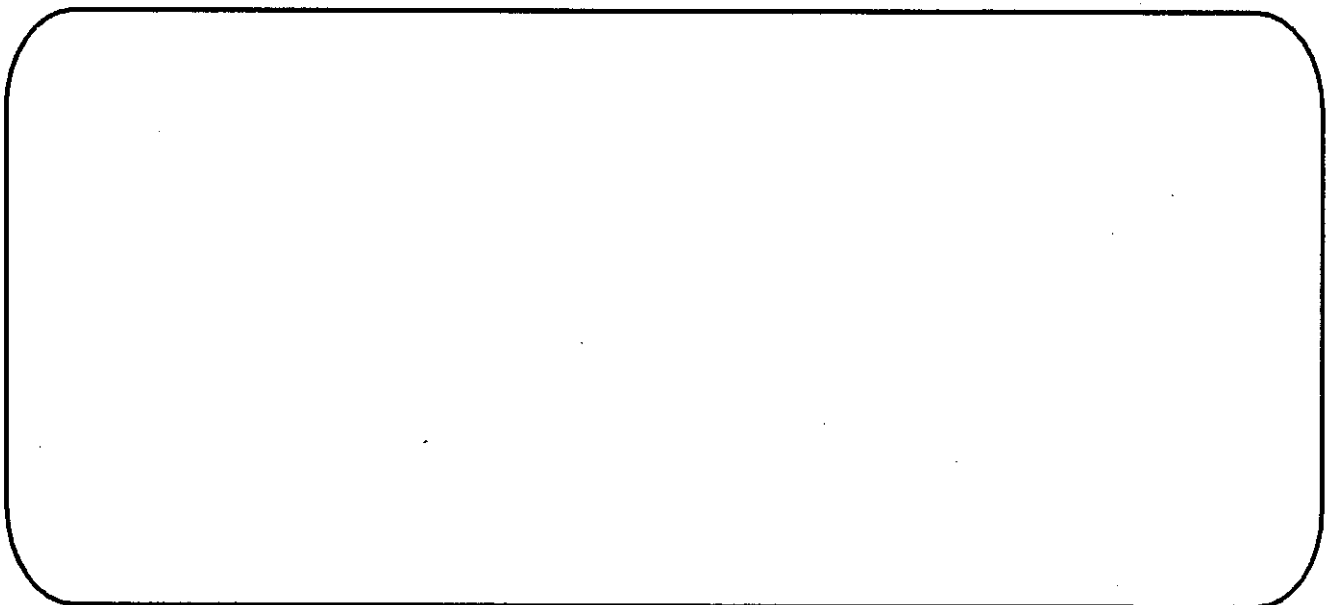
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Add a picture of the event:



## It's My Party - Chapter 5

Directions: For each of the children at Fudge's birthday party, choose a character trait that describes them. Use evidence or a quote from the text to support the trait.

|                                                   |                                                   |
|---------------------------------------------------|---------------------------------------------------|
| <b>Fudge</b><br>Character Trait:<br>_____         | <b>Jennie</b><br>Character Trait:<br>_____        |
| Evidence:<br><br><br><br><br><br><br><br><br><br> | Evidence:<br><br><br><br><br><br><br><br><br><br> |
| <b>Sam</b><br>Character Trait:<br>_____           | <b>Ralph</b><br>Character Trait:<br>_____         |
| Evidence:<br><br><br><br><br><br><br><br><br><br> | Evidence:<br><br><br><br><br><br><br><br><br><br> |

## Sequence of Events - Chapter 6

Use the information from Chapter 6 to complete the chart, explaining how Peter cleaned Dribble's turtle tank. Give specific details and draw a picture to illustrate the step.

|                |                |
|----------------|----------------|
| <p>Step 1:</p> | <p>Step 2:</p> |
| <p>Step 3:</p> | <p>Step 4:</p> |

## Topic, Main Idea, & Supporting Details - Chapter 7

Page 72 Main Idea:

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Supporting Details:

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Page 74 Main Idea:

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Supporting Details:

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Main Idea of Chapter 7:

Page 76 Main Idea:

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Supporting Details:

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Pages 80 & 81 Main Idea:

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Supporting Details:

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## Inference Chart - Chapter 8

|                                                                        |                                                  |
|------------------------------------------------------------------------|--------------------------------------------------|
| 1. How does Mrs. Hatcher feel about going out of town for the weekend? |                                                  |
| Story Clues pages 83 - 84<br>_____<br>_____<br>_____<br>_____          | What I Know:<br>_____<br>_____<br>_____<br>_____ |
| My Inference:<br><br><br><br>                                          |                                                  |

|                                                                          |                                                  |
|--------------------------------------------------------------------------|--------------------------------------------------|
| 2. How does Mr. Hatcher feel about letting Fudge star in the commercial? |                                                  |
| Story Clues page 89<br>_____<br>_____<br>_____<br>_____                  | What I Know:<br>_____<br>_____<br>_____<br>_____ |
| My Inference:<br><br><br><br>                                            |                                                  |

|                                                                      |                                                           |
|----------------------------------------------------------------------|-----------------------------------------------------------|
| 3. How does Peter feel about Fudge starring in the commercial?       |                                                           |
| Story Clues pages 90-91<br>_____<br>_____<br>_____<br>_____<br>_____ | What I Know:<br>_____<br>_____<br>_____<br>_____<br>_____ |
| My Inference:<br><br><br><br>                                        |                                                           |

Secrets - Chapter 9

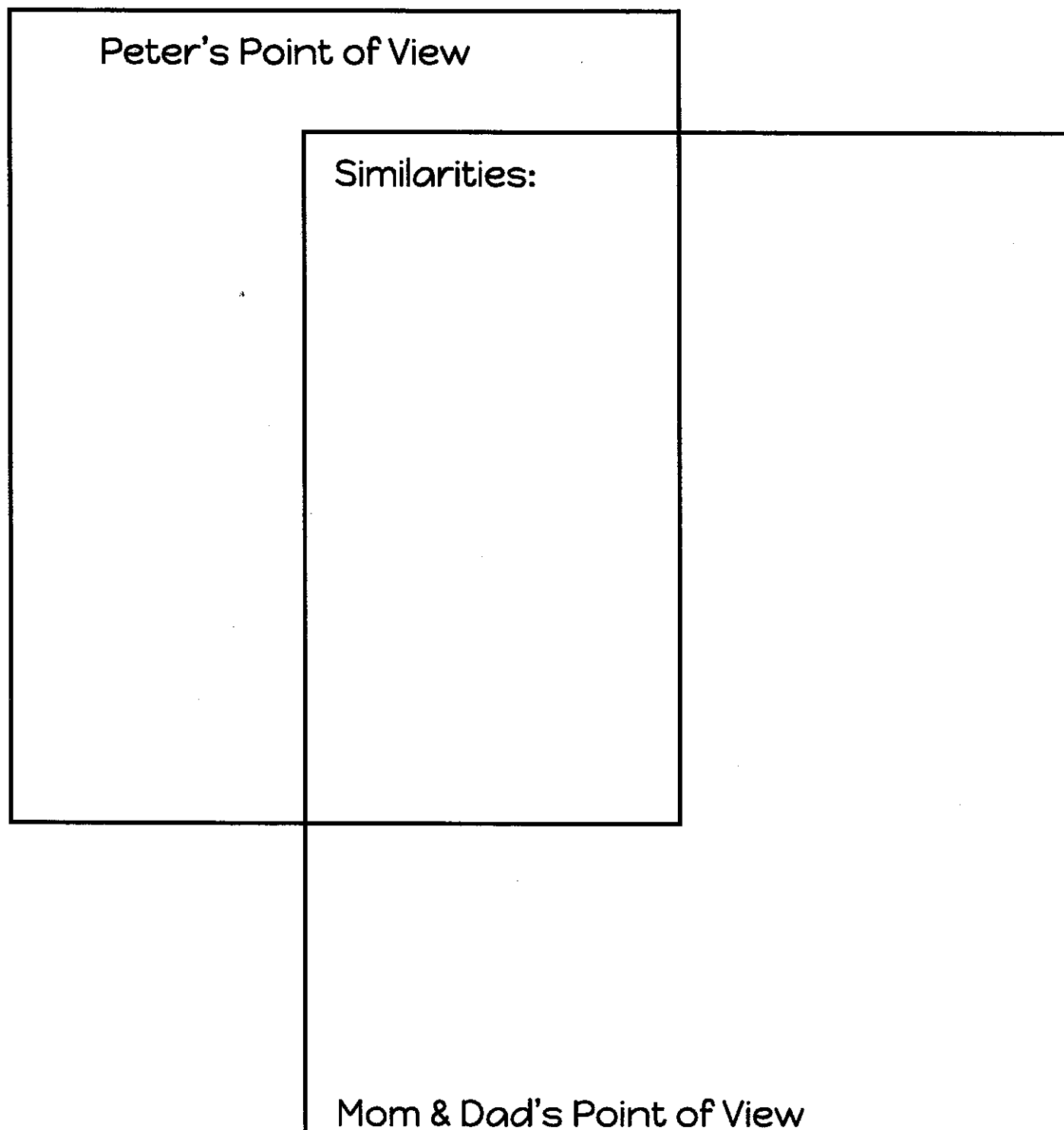
Directions: In the story, Peter's dad asks Peter and Fudge to "keep all the things we did over the weekend a secret." Some secrets can be big secrets while others can be small. Make a list of the secrets Peter and Fudge were asked to keep and decide how important they are.

| The Secret | Small Secret<br>Super Silly | Medium<br>Secret<br>Sort of<br>Important | Big Secret<br>Should Tell |
|------------|-----------------------------|------------------------------------------|---------------------------|
|            |                             |                                          |                           |
|            |                             |                                          |                           |
|            |                             |                                          |                           |
|            |                             |                                          |                           |
|            |                             |                                          |                           |

How do you think Mrs. Hatcher would feel about these secrets?  
Why?

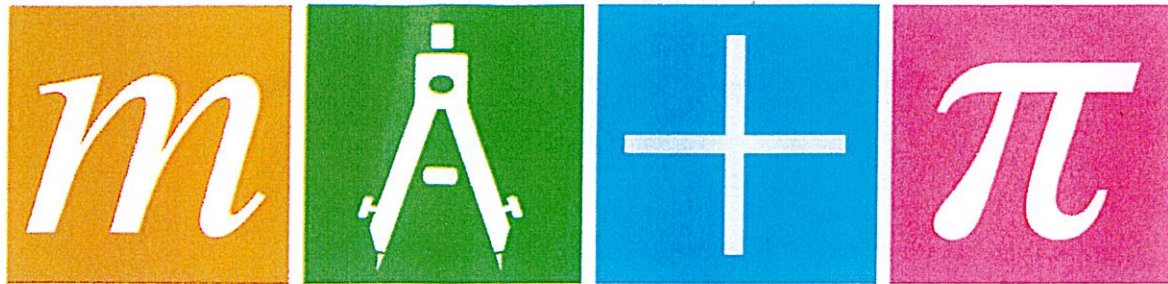
## Point of View Chapter 10

Directions: In this chapter, a tragic event happens. Complete the Venn Diagram by giving specific details about each character's point of view on this event.



# Big Ideas Math

## SUMMER



## CHALLENGE

Please complete each page and return the finished packet to your **4th grade teacher** on the first day of school!

Visit the GVS Summer Hub for printable vocabulary flash cards for extra practice!

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



Name \_\_\_\_\_

## Cumulative Practice

1-4

1. Which expression is *not* the same as  $6 \times 3$ ?

Ⓐ  $3 \times 6$

Ⓑ  $3 + 3 + 3 + 3 + 3 + 3$

Ⓒ  $6 + 6 + 6$

Ⓓ  $6 \times 6 \times 6$

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2. Use the clues to find the number.

- The number is more than 10.
- The number is less than 20.
- When the number is divided by 3, the quotient is even.
- When the number is divided by 4, the quotient is odd.

What is the number?

Ⓐ 15

Ⓑ 12

Ⓒ 24

Ⓓ 16

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3. Which expression is equal to  $6 \times 7$ ?

Ⓐ  $(7 \times 8) - 2$

Ⓑ  $(5 \times 7) + (1 \times 7)$

Ⓒ  $(5 \times 1) + (5 \times 2)$

Ⓓ  $(5 \times 1) \times 7$

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4. Which number makes the statement true?

$$2 \times 4 = \square \times 2$$

Ⓐ 4

Ⓑ 8

Ⓒ 16

Ⓓ 2

5. Which equation is true?

- Ⓐ  $(5 \times 4) \times 1 \stackrel{?}{=} (5 \times 4) + 1$

Ⓒ  $5 \times (4 \times 1) \stackrel{?}{=} (5 \times 4) \times 1$
- Ⓑ  $(5 \times 4) + 1 \stackrel{?}{=} (5 \times 4) \times 1$

Ⓓ  $5 \times (4 \times 1) \stackrel{?}{=} 5 + (4 \times 1)$

6. You earn 10 points for each level you complete in a video game. When you have to restart a level, you lose 2 points. You complete 9 levels, but have to restart 6 levels. How many points do you have?

- Ⓐ 78 points

Ⓒ 90 points
- Ⓑ 102 points

Ⓓ 42 points



7. The table shows the numbers of items at the finish line of a race.

Think  
Solve  
Explain

| Item          | Number of Packages | Number in Each Package |
|---------------|--------------------|------------------------|
| Water bottles | 9                  | 8                      |
| Medals        | 7                  | 9                      |
| Bananas       | 9                  | 6                      |

**Part A** How many medals are there?

**Part B** Sixty students are running in the race. Is there enough of each item for all of the students? Explain.

8. Which numbers are multiples of 2, 5, and 10?

☐ 20

☐ 38

☐ 15

☐ 6

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9. Newton and Descartes share 18 toys equally. Which equation shows how many toys each has?

Ⓐ  $18 \div 2 = 9$

Ⓑ  $18 - 2 = 16$

Ⓒ  $18 \times 2 = 36$

Ⓓ  $18 \div 1 = 18$

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10. Which multiplication fact can Newton use to check his answer?

$$72 \div 8 = 9$$

Ⓐ  $9 \times 72 = \square$

Ⓑ  $9 \div 8 = \square$

Ⓒ  $72 \times 8 = \square$

Ⓓ  $9 \times 8 = \square$

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11. Thirty dollars is divided evenly among 6 children. How much money (in dollars) does each child receive?



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12. Which expressions have a product of 16?

☐  $4 \times 4$

☐  $3 \times 5$

☐  $2 \times 8$

☐  $6 \times 3$



13. Which equation shows the Multiplication Property of Zero?

- (A)  $8 + 0 = 8$

(C)  $8 \times 1 = 8$
- (B)  $8 - 0 = 8$

(D)  $8 \times 0 = 0$

14. One ticket to an amusement park costs \$8.  
How much does it cost for a family of 4?

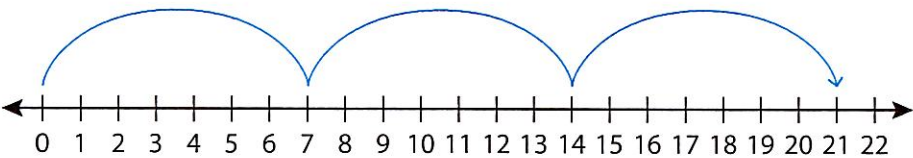
- (A) \$32

(C) \$22
- (B) \$48

(D) \$38



15. Which expression is represented by this number line?



- (A)  $21 + 3$

(C)  $21 - 3$
- (B)  $3 \times 7$

(D)  $7 + 3$

16. Which equations are in the fact family for 2, 10, and 20?

- ☐  $2 \times 10 = 20$

☐  $4 \times 5 = 20$

☐  $20 \div 2 = 10$
- ☐  $10 \times 2 = 20$

☐  $20 \div 10 = 2$

☐  $20 \div 5 = 4$

Name \_\_\_\_\_

## Cumulative Practice

1-8

1. Which numbers round to 300 when rounded to the nearest hundred?

☐

298

☐

309

☐

347

☐

246

☐

358

☐

263

2. You buy 18 cups of yogurt. The yogurt is sold in packs of 6 cups. How many packs of yogurt do you buy?

(A)

24 packs

(B)

12 packs

(C)

3 packs

(D)

4 packs

3. A bedroom floor is 9 feet long and 8 feet wide. What is the area of the bedroom floor?

(A)

1 square foot

(B)

72 feet

(C)

17 square feet

(D)

72 square feet



4. Your friend says  $458 - 298 = 160$ . How can you use inverse operations to check your friend's answer? Is your friend correct?

(A)

Subtract:  $458 - 300 = 158$ . Your friend is correct.

(B)

Add:  $160 + 298 = 458$ . Your friend is correct.

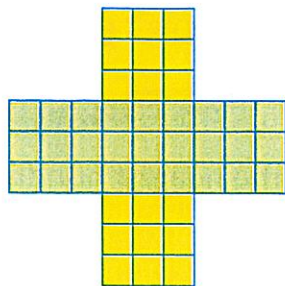
(C)

Add:  $298 + 458 = 756$ . Your friend is incorrect.

(D)

Subtract:  $298 - 160 = 138$ . Your friend is incorrect.

5. Your friend says she needs  $(9 \times 3) + (3 \times 9) = 27 + 27 = 54$  tiles to make the design. Why is her thinking incorrect?



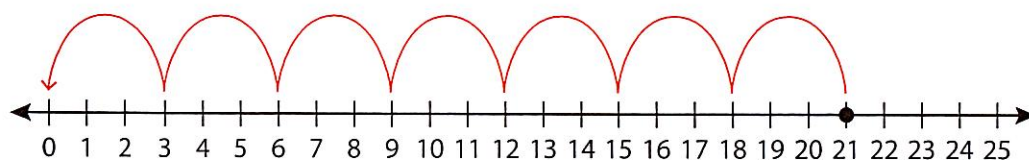
- Ⓐ  $27 + 27$  does not equal 54.      Ⓑ Your friend included the 9 middle tiles twice.
- Ⓒ Your friend multiplied  $3 \times 9$  incorrectly.      Ⓓ  $9 \times 3$  does not equal  $3 \times 9$ .

6. **Part A** What is the least number that can be made with the digits 7, 9, and 8 using each digit only once?

Think  
Solve  
Explain

- Part B** Your friend says the greatest number he can make with the digits 7, 9, and 8 using each digit only once is 879. Is he correct? If not, correct his answer. Explain.

7. Which equation is shown by the number line?



- Ⓐ  $21 \div 3 = 7$       Ⓑ  $21 - 21 = 0$
- Ⓒ  $3 \times 7 = 21$       Ⓓ  $21 - 7 = 14$

8. Find the sum.



$$\begin{array}{r} 548 \\ + 372 \\ \hline \end{array}$$

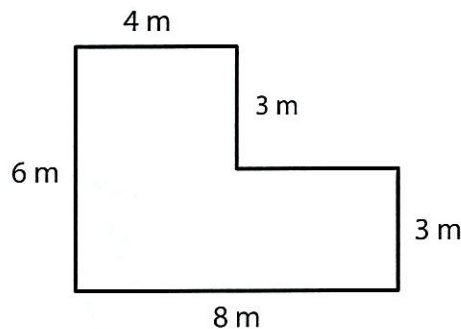
9. Which equations show the Associative Property of Addition?

- ☐  $45 + (34 + 21) = (45 + 34) + 21$       ☐  $54 + 72 = 72 + 54$
- ☐  $56 + 0 = 56$       ☐  $(62 + 84) + 19 = 62 + (84 + 19)$

10. A teacher takes 7 students on a field trip. Each student pays \$5. How much money does the teacher collect in all?

- ☐ (A) \$2      ☐ (B) \$12
- ☐ (C) \$35      ☐ (D) \$30

11. What is the area of the shape?



- ☐ (A) 24 square meters      ☐ (B) 48 square meters
- ☐ (C) 14 square meters      ☐ (D) 36 square meters
12. There are 459 girls and 552 boys in a school. How many more boys are there than girls?

- ☐ (A) 107      ☐ (B) 93
- ☐ (C) 113      ☐ (D) 7

13. Look at the pattern. What rule was used to make the pattern?

1, 3, 9, 27

- (A)

Add 2.
- (B)

Subtract 2.
- (C)

Multiply by 3.
- (D)

Divide by 3.

14. A smoothie shop sells 368 smoothies in July and 205 smoothies in August. About how many more smoothies did the shop sell in July than in August?

- (A)

100
- (B)

200
- (C)

103
- (D)

600



15. Which shape does *not* have an area of 16 square units?

- (A)
- (B)
- (C)
- (D)

Complete the table.

16.

| × | 2  |    | 9  |
|---|----|----|----|
| 4 |    | 12 |    |
| 5 | 10 |    |    |
|   |    |    | 54 |

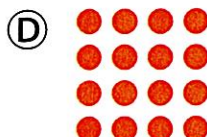
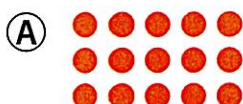
17.

| × |   | 3 | 4  |
|---|---|---|----|
|   |   |   | 16 |
| 6 | 6 |   | 24 |
| 7 |   |   |    |

Name \_\_\_\_\_

# Cumulative Practice 1-12

1. Which array matches the equation  $3 \times 4 = 12$ ?



2. Which fractions name the point plotted on the number line?



☐  $\frac{4}{3}$

☐  $\frac{4}{8}$

☐  $\frac{1}{2}$

☐  $\frac{2}{4}$

☐  $\frac{4}{4}$

☐  $\frac{4}{6}$

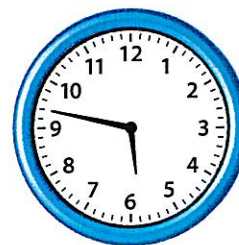
3. What time does the clock show?

(A) 9:28

(B) 5:47

(C) 6:47

(D) 5:13



4. A package of batteries has 5 rows of 6 batteries. You use 8 batteries. How many batteries are *not* used?

(A) 38

(B) 22

(C) 3

(D) 28



5. Which statement is true?

(A)  $\frac{3}{4} < \frac{5}{8}$

(B)  $\frac{3}{4} = \frac{5}{8}$

(C)  $\frac{3}{4} > \frac{5}{8}$

(D)  $\frac{5}{8} > \frac{3}{4}$

5. The mass of a horse is 582 kilograms. The mass of a pig is 355 kilograms less than the mass of the horse. What is the mass of the pig?



7. Which number makes the equation true?

$6 \div \square = 1$

(A) 6

(B) 1

(C) 0

(D) 5

3. A parade starts at the time shown on the clock. It ends at 1:18 P.M. How long is the parade?

(A) 58 minutes

(B) 22 minutes

(C) 33 minutes

(D) 38 minutes



A.M.

P.M.

9. Which fraction is *not* equivalent to the number 2?

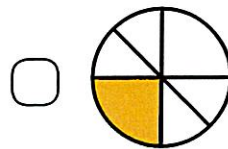
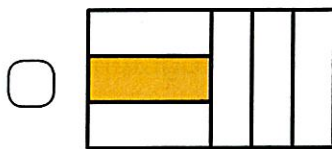
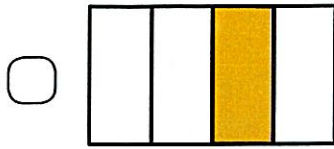
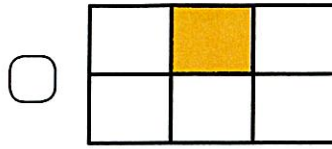
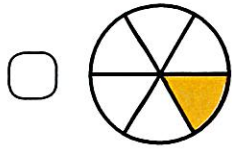
(A)  $\frac{2}{2}$

(B)  $\frac{8}{4}$

(C)  $\frac{6}{3}$

(D)  $\frac{16}{8}$

10. Which models show  $\frac{1}{6}$  shaded?



11. Which set of fractions is in order from least to greatest?

Ⓐ  $\frac{2}{4}, \frac{2}{6}, \frac{2}{8}$

Ⓑ  $\frac{5}{6}, \frac{3}{6}, \frac{1}{6}$

Ⓒ  $\frac{1}{3}, \frac{4}{3}, \frac{3}{3}$

Ⓓ  $\frac{7}{8}, \frac{7}{4}, \frac{7}{3}$

12. A customer buys a game console that costs \$229 and 3 video games that cost \$60 each. How much money does the customer spend?

**Think**  
**Solve**  
**Explain**

**Part A** Write an equation to represent the problem.  
Use a letter to represent the unknown number.



**Part B** Solve the problem. Explain how you solved.

**Part C** Check whether your answer is reasonable. Explain.

13. Which equation does *not* show the Distributive Property?

- (A)  $9 \times (10 + 10) = (9 \times 10) + (9 \times 10)$
- (B)  $8 \times (7 \times 10) = (8 \times 7) \times 10$
- (C)  $(4 \times 10) + (4 \times 10) + (4 \times 10) = 4 \times 30$
- (D)  $6 \times 20 = (6 \times 10) + (6 \times 10)$

14. A photographer has 478 photos of people and 326 photos of nature. About how many photos does the photographer have in all?

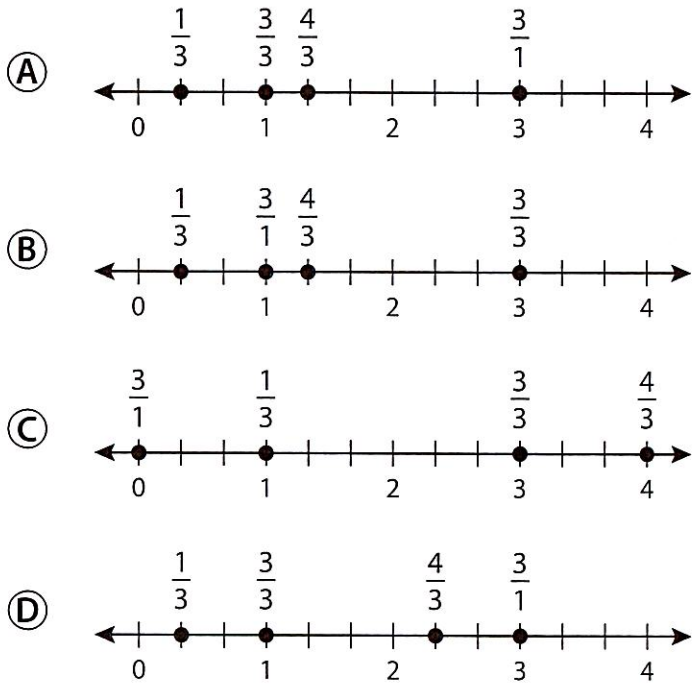
- (A) 700
- (B) 200
- (C) 800
- (D) 900



15. Which liquid volumes should be measured in liters?

- ☐ swimming pool
- ☐ soup can
- ☐ mug
- ☐ bathtub
- ☐ watering can
- ☐ cooking pot

16. Which number line shows the fractions  $\frac{3}{3}, \frac{1}{3}, \frac{3}{1}$  and  $\frac{4}{3}$  plotted correctly?



Name \_\_\_\_\_

## Cumulative Practice 1-15

1. A mango has a mass that is 369 grams greater than the apple. What is the mass of the mango?

(A) 471 grams                      (B) 369 grams  
(C) 267 grams                      (D) 461 grams



2. Which term describes two of the shapes shown, but *not* all three of the shapes?



(A) polygon                      (B) rectangle  
(C) square                      (D) parallelogram

3. A rectangular note card has an area of 35 square inches. The length of one of its sides is 7 inches. What is the perimeter of the note card?

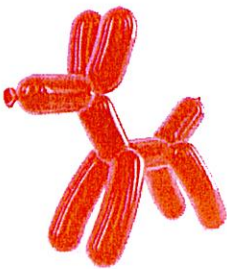
(A) 5 inches                      (B) 24 inches  
(C) 84 inches                      (D) 12 inches

4. How many minutes are equivalent to 4 hours?

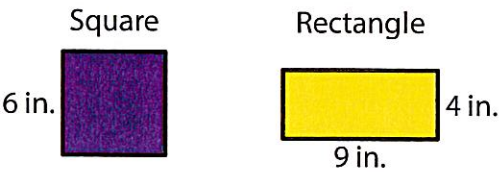
(A) 400 minutes                      (B) 240 minutes  
(C) 24 minutes                      (D) 40 minutes

5. A balloon artist has 108 balloons. He has 72 white balloons, and an equal number of red, blue, green, and purple balloons. How many purple balloons does he have?

- (A) 36                      (B) 180                      (C) 9                      (D) 32



5. Which statements about the figures are true?



- ☐ The shapes have different perimeters.                      ☐ The shapes have the same areas.
- ☐ The shapes have the same perimeters.                      ☐ The shapes have different areas.

7. The graph shows how many students ordered each lunch option.

Think  
Solve  
Explain

| Lunch Orders                     |  |
|----------------------------------|--|
| Grilled chicken                  |  |
| Turkey hot dog                   |  |
| Peanut butter and jelly sandwich |  |
| Salad bar                        |  |

Each = 6 students.

**Part A** How many students ordered lunch?

**Part B** Choose a lesser value for the key. How will the graph change?

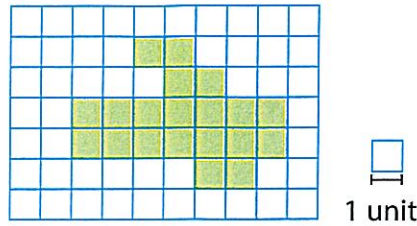
8. Find the sum.

$$\begin{array}{r} 354 \\ 297 \\ 156 \\ + 128 \\ \hline \end{array}$$

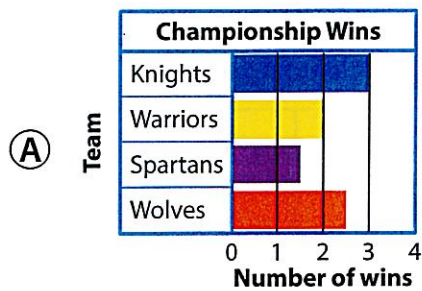


9. What is the perimeter of the figure?

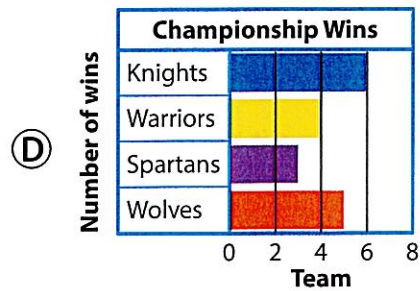
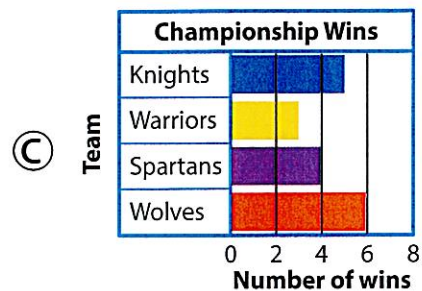
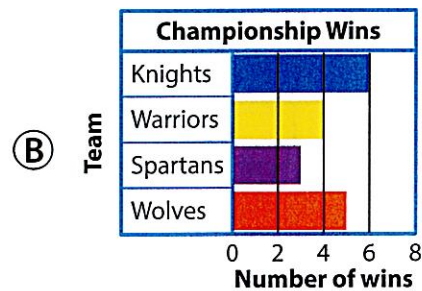
- (A) 26 units
- (B) 22 units
- (C) 20 units
- (D) 16 units



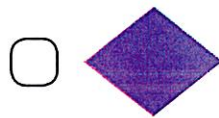
10. Which bar graph correctly shows the data?



| Championship Wins |   |
|-------------------|---|
| Knights           | 6 |
| Warriors          | 4 |
| Spartans          | 3 |
| Wolves            | 5 |

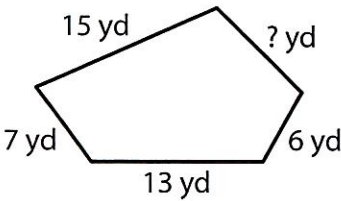


11. Which polygons have at least one pair of parallel sides?



12. The perimeter of the polygon is 50 yards. What is the missing side length?

- (A) 41 yards
- (B) 10 yards
- (C) 91 yards
- (D) 9 yards



13. Which line plot correctly shows the data?

**Miami Temperatures**

Number of degrees Fahrenheit

**Miami Temperatures**

Number of degrees Fahrenheit

**Miami Temperatures**

Number of degrees Fahrenheit

**Miami Temperatures**

Number of degrees Fahrenheit

| Miami High Temperatures (degrees Fahrenheit) |    |
|----------------------------------------------|----|
| Monday                                       | 89 |
| Tuesday                                      | 92 |
| Wednesday                                    | 92 |
| Thursday                                     | 92 |
| Friday                                       | 93 |
| Saturday                                     | 89 |

14. Your friend is asked to draw a quadrilateral with four right angles. She says it can only be a square. Is she correct?

- (A) Yes, there is no other shape it can be.
- (B) No, it could also be a rectangle.
- (C) No, it could also be a hexagon.
- (D) No, it could also be a trapezoid.

15. Which numbers round to 480 when rounded to the nearest ten?

- ☐ 484
 ☐ 478
- ☐ 472
 ☐ 485
- ☐ 475
 ☐ 489

# Reference Sheet

## Symbols

× multiply    ÷ divide    = equals    > greater than    < less than

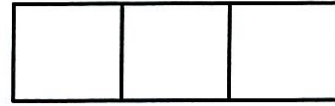
## Equal Shares



A **whole** is all of the parts of one shape or group.



2 equal parts or **halves**



3 equal parts or **thirds**



4 equal parts or **fourths**

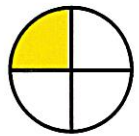


6 equal parts or **sixths**



8 equal parts or **eighths**

## Fractions



$\frac{1}{4}$  ← **numerator**  
← **denominator**

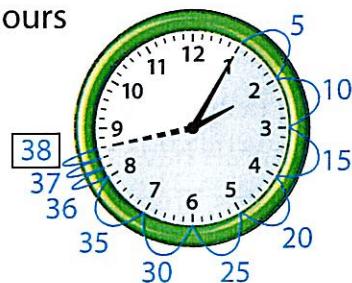
A **fraction** is a number that represents part of a whole.

## Time

1 minute (min) = 60 seconds (sec)

1 hour (h) = 60 minutes

1 day (d) = 24 hours



The elapsed time is 38 minutes.

## Liquid Volume



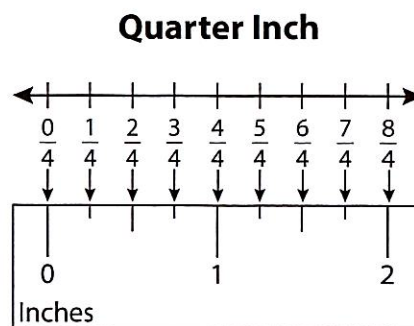
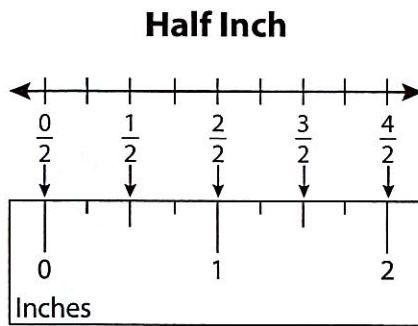
1 liter (L) = 1,000 milliliters (mL)

## Mass

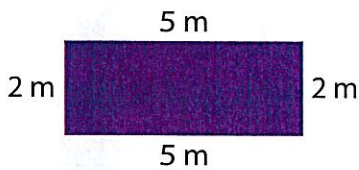


1 kilogram (kg) = 1,000 grams (g)

## Length



## Area and Perimeter



$$\text{Area} = 5 \times 2 = 10 \text{ square meters}$$

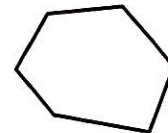
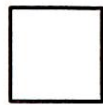
$$\text{Perimeter} = 2 + 5 + 2 + 5 = 14 \text{ meters}$$

or

$$\text{Perimeter} = 2 \times 2 + 2 \times 5 = 14 \text{ meters}$$

## Shapes

A **polygon** is a closed two-dimensional shape with three or more sides.



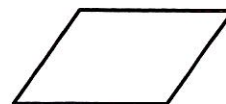
A **quadrilateral** is a polygon with four sides. Quadrilaterals have four vertices and four angles. They can have parallel sides and right angles.

### Trapezoid



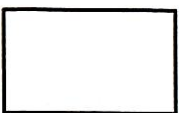
exactly 1 pair  
of parallel sides

### Parallelogram



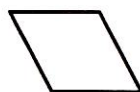
2 pairs of  
parallel sides

### Rectangle



2 pairs of parallel sides  
4 right angles

### Rhombus



2 pairs of parallel sides  
4 equal sides

### Square



2 pairs of parallel sides  
4 equal sides  
4 right angles

# Math Summer Work

## Notes for Next Year's Teacher

Student's Name \_\_\_\_\_

September 2026 Grade \_\_\_\_\_

**Directions:** As your child completes the assigned math homework, please complete the chart below with any applicable notes. Hand in the completed chart along with the rest of your child's summer homework on the first day of school. This will be used by teachers to help identify areas of support and/or enrichment as they get to know your child as a math student.

| Question Number(s)              | Skill                                                                                                            | Notes & Observations                                                                                                                                       |
|---------------------------------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Write the question numbers here | Write the name of the math skill that you observed here Ex: multiplication. If unsure, you can leave this blank. | Was the question difficult for your child? Did he/she require assistance? Was this question extremely easy for your child? Jot down anything of note here. |
|                                 |                                                                                                                  |                                                                                                                                                            |
|                                 |                                                                                                                  |                                                                                                                                                            |
|                                 |                                                                                                                  |                                                                                                                                                            |
|                                 |                                                                                                                  |                                                                                                                                                            |
|                                 |                                                                                                                  |                                                                                                                                                            |



# MATH FACT PRACTICE

## Summer Challenge

Color in each box that you complete!

| Grade 1-2: Add/Subtract within 10                                                                                                       | Grade 2-3: Add/Subtract within 20                                                                                       | Grades 3,4,5: Multiply/Divide within 10                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Play BINGO! Create bingo cards with answers and call out the problems!                                                                  | Write different numbers in chalk on the ground. Jump to different numbers, adding and subtracting on each jump!         | Jump rope! Skip count by 2s, 3s, 5s, 10s on each jump!                                                            |
| Math Staircase - put different numbers on each stair and add/subtract/multiply with each step!                                          | Water balloon toss! Write math facts on water balloons and have your child solve the problem before they can toss!      | Write numbers on the sidewalk in chalk. Adults say a math problem and kids spray water on the answer to erase it! |
| Math Facts WAR - each player flips over two playing cards and add/multiply, the person with the highest sum/product wins the cards!     | Give a math fact, swim that many laps in your favorite stroke!                                                          | Math Fact Basketball! Everytime you score a basket, complete a math fact to see how many points you get!          |
| Cover a beach ball with numbers. When you catch the ball, add, subtract, multiply or divide the two numbers you touch with your thumbs! | LEGO Place Value! Build different amounts using LEGOs.                                                                  | Figure out how many miles you will be driving (or flying) using an atlas!                                         |
| Bake cookies and figure out how much of each ingredient you need!                                                                       | Licence Plate Game - who can be the first person in the car to find a license plate number that adds to 10? To 20? 100? | Nature sort! Collect rocks, seashells, sticks, etc. and see how many equal groups you can make. Who has the most? |



NAME \_\_\_\_\_

## Addition & Subtraction within 100

1.  $11 + 89 =$  \_\_\_\_\_

2.  $7 - 3 =$  \_\_\_\_\_

3.  $29 + 41 =$  \_\_\_\_\_

4.  $8 + 74 =$  \_\_\_\_\_

5.  $5 - 2 =$  \_\_\_\_\_

6.  $67 + 32 =$  \_\_\_\_\_

7.  $87 - 49 =$  \_\_\_\_\_

8.  $29 + 13 =$  \_\_\_\_\_

9.  $60 + 22 =$  \_\_\_\_\_

10.  $84 + 5 =$  \_\_\_\_\_

11.  $93 + 6 =$  \_\_\_\_\_

12.  $62 - 4 =$  \_\_\_\_\_

13.  $3 + 4 =$  \_\_\_\_\_

14.  $11 - 2 =$  \_\_\_\_\_

15.  $88 + 11 =$  \_\_\_\_\_

16.  $86 + 12 =$  \_\_\_\_\_

17.  $31 + 68 =$  \_\_\_\_\_

18.  $8 + 27 =$  \_\_\_\_\_

19.  $21 + 1 =$  \_\_\_\_\_

20.  $1 + 65 =$  \_\_\_\_\_

21.  $81 - 52 =$  \_\_\_\_\_

22.  $15 - 14 =$  \_\_\_\_\_

23.  $98 - 74 =$  \_\_\_\_\_

24.  $55 - 14 =$  \_\_\_\_\_

25.  $4 + 69 =$  \_\_\_\_\_

26.  $32 - 19 =$  \_\_\_\_\_

27.  $78 + 4 =$  \_\_\_\_\_

28.  $37 - 20 =$  \_\_\_\_\_

29.  $72 - 8 =$  \_\_\_\_\_

30.  $17 + 50 =$  \_\_\_\_\_

NAME \_\_\_\_\_

## Addition & Subtraction within 100

1.  $63 - 38 =$  \_\_\_\_\_

2.  $5 + 76 =$  \_\_\_\_\_

3.  $78 + 17 =$  \_\_\_\_\_

4.  $31 + 9 =$  \_\_\_\_\_

5.  $47 + 41 =$  \_\_\_\_\_

6.  $5 - 2 =$  \_\_\_\_\_

7.  $36 - 16 =$  \_\_\_\_\_

8.  $11 - 8 =$  \_\_\_\_\_

9.  $94 + 5 =$  \_\_\_\_\_

10.  $73 + 20 =$  \_\_\_\_\_

11.  $21 + 42 =$  \_\_\_\_\_

12.  $25 + 71 =$  \_\_\_\_\_

13.  $95 + 5 =$  \_\_\_\_\_

14.  $41 + 3 =$  \_\_\_\_\_

15.  $77 - 3 =$  \_\_\_\_\_

16.  $2 + 58 =$  \_\_\_\_\_

17.  $29 + 24 =$  \_\_\_\_\_

18.  $64 + 32 =$  \_\_\_\_\_

19.  $26 + 30 =$  \_\_\_\_\_

20.  $33 - 4 =$  \_\_\_\_\_

21.  $40 - 18 =$  \_\_\_\_\_

22.  $55 + 35 =$  \_\_\_\_\_

23.  $37 + 41 =$  \_\_\_\_\_

24.  $39 + 55 =$  \_\_\_\_\_

25.  $60 - 43 =$  \_\_\_\_\_

26.  $75 + 17 =$  \_\_\_\_\_

27.  $23 - 14 =$  \_\_\_\_\_

28.  $76 - 43 =$  \_\_\_\_\_

29.  $76 - 27 =$  \_\_\_\_\_

30.  $68 - 1 =$  \_\_\_\_\_

## Multiplying by 1 to 10 (A)

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

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

Score: \_\_\_\_\_

Calculate each product.

$8 \times 7 = \boxed{\phantom{00}}$

$8 \times 9 = \boxed{\phantom{00}}$

$10 \times 7 = \boxed{\phantom{00}}$

$9 \times 10 = \boxed{\phantom{00}}$

$7 \times 8 = \boxed{\phantom{00}}$

$8 \times 8 = \boxed{\phantom{00}}$

$10 \times 8 = \boxed{\phantom{00}}$

$10 \times 10 = \boxed{\phantom{00}}$

$9 \times 7 = \boxed{\phantom{00}}$

$7 \times 7 = \boxed{\phantom{00}}$

$2 \times 6 = \boxed{\phantom{00}}$

$4 \times 8 = \boxed{\phantom{00}}$

$10 \times 3 = \boxed{\phantom{00}}$

$9 \times 2 = \boxed{\phantom{00}}$

$9 \times 1 = \boxed{\phantom{00}}$

$5 \times 3 = \boxed{\phantom{00}}$

$1 \times 2 = \boxed{\phantom{00}}$

$7 \times 10 = \boxed{\phantom{00}}$

$9 \times 5 = \boxed{\phantom{00}}$

$9 \times 6 = \boxed{\phantom{00}}$

$2 \times 5 = \boxed{\phantom{00}}$

$2 \times 2 = \boxed{\phantom{00}}$

$8 \times 4 = \boxed{\phantom{00}}$

$1 \times 7 = \boxed{\phantom{00}}$

$5 \times 1 = \boxed{\phantom{00}}$

$6 \times 3 = \boxed{\phantom{00}}$

$6 \times 4 = \boxed{\phantom{00}}$

$10 \times 9 = \boxed{\phantom{00}}$

$5 \times 4 = \boxed{\phantom{00}}$

$4 \times 5 = \boxed{\phantom{00}}$

$7 \times 9 = \boxed{\phantom{00}}$

$4 \times 1 = \boxed{\phantom{00}}$

$5 \times 10 = \boxed{\phantom{00}}$

$7 \times 1 = \boxed{\phantom{00}}$

$7 \times 2 = \boxed{\phantom{00}}$

$4 \times 10 = \boxed{\phantom{00}}$

$7 \times 3 = \boxed{\phantom{00}}$

$9 \times 8 = \boxed{\phantom{00}}$

$7 \times 4 = \boxed{\phantom{00}}$

$8 \times 5 = \boxed{\phantom{00}}$

$3 \times 5 = \boxed{\phantom{00}}$

$1 \times 1 = \boxed{\phantom{00}}$

$2 \times 9 = \boxed{\phantom{00}}$

$1 \times 8 = \boxed{\phantom{00}}$

$8 \times 10 = \boxed{\phantom{00}}$

$3 \times 1 = \boxed{\phantom{00}}$

$4 \times 4 = \boxed{\phantom{00}}$

$3 \times 7 = \boxed{\phantom{00}}$

$10 \times 4 = \boxed{\phantom{00}}$

$1 \times 10 = \boxed{\phantom{00}}$



## Dividing by 1 to 10 (A)

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

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

Score: \_\_\_\_\_

Calculate each quotient.

$80 \div 8 = \square$

$49 \div 7 = \square$

$63 \div 7 = \square$

$56 \div 8 = \square$

$72 \div 9 = \square$

$81 \div 9 = \square$

$80 \div 10 = \square$

$56 \div 7 = \square$

$40 \div 8 = \square$

$42 \div 7 = \square$

$63 \div 9 = \square$

$70 \div 10 = \square$

$16 \div 4 = \square$

$4 \div 1 = \square$

$32 \div 8 = \square$

$2 \div 1 = \square$

$8 \div 1 = \square$

$25 \div 5 = \square$

$3 \div 1 = \square$

$6 \div 6 = \square$

$36 \div 9 = \square$

$28 \div 7 = \square$

$16 \div 2 = \square$

$36 \div 6 = \square$

$10 \div 10 = \square$

$64 \div 8 = \square$

$24 \div 8 = \square$

$50 \div 5 = \square$

$60 \div 10 = \square$

$45 \div 9 = \square$

$36 \div 4 = \square$

$10 \div 5 = \square$

$9 \div 9 = \square$

$24 \div 6 = \square$

$4 \div 2 = \square$

$7 \div 1 = \square$

$21 \div 7 = \square$

$54 \div 6 = \square$

$42 \div 6 = \square$

$90 \div 10 = \square$

$35 \div 7 = \square$

$16 \div 8 = \square$

$90 \div 9 = \square$

$70 \div 7 = \square$

$7 \div 7 = \square$

$4 \div 4 = \square$

$72 \div 8 = \square$

$40 \div 5 = \square$

$100 \div 10 = \square$

$20 \div 4 = \square$

