Summer Packet

for Upcoming 4th Graders

Englewood on the Palisades

Charter School

This year, all upcoming 4th grade students will be required to read Mr. Popper's Penguins over the summer break. During the first week of school, we will discuss this book and the students will take a test to ensure that they read and understood the book.

Students will also be required to read a second book of their choosing from the attached list. After reading this book, they should create a brochure describing the book (instructions below, rubric attached). They will present this brochure during the first week of school and it will be displayed on the bulletin board. Students should make sure their brochure is neat and colorful and has correct conventions.

- Cover: Your Name, Book Title, Book's Author, Picture/Drawing from the book
- Left inside: Choose 4 characters from the book and describe them in 5-8 sentences (per character)
- Middle inside: Write a summary of the book in 2 paragraphs (5-8 sentences per paragraph)
- Right inside: Describe the main setting of the book in 1-2 paragraphs (5-8 sentences per paragraph)

Front of Brochure:

Title of Book Author's Name Student's Name (first and last)	Picture of the book

Inside of Brochure:

Characters	Summary	Setting
Character 1: Character 2: Character 3: Character 4:	Two Paragraphs (5-8 sentences per paragraph)	1-2 Paragraphs describing the main setting (5-8 sentences per paragraph)

Brochure Rubric

Categories	Possible Points	Points Received
Cover: includes title, author, student's name, and a picture or drawing	10	
Left inside: includes 4 characters with a full paragraph description for each character	40 (10 points per character)	
Middle inside: includes a summary of the book (2 paragraphs)	10	
Right inside: describes the main setting of the book (1-2 paragraphs)	10	
Conventions (grammar, capitalization, punctuation)	10	
Spelling	10	
Creativity	10	
Total = _____/100 = _____		

Summer Reading List Students Entering 4th Grade

When your child continues reading over the summer,
you ensure your child the best start to the next grade level!

To develop strength as a reader, children need lots of time to read lots of books that are "just right" for their abilities.

FAQ: WILL HAVING MY CHILD READ HARDER BOOKS HELP THEM GET STRONGER AT READING? Nope! Exactly the opposite can happen!

- It is critically important that children not read books that are too difficult for them. Research has shown that reading books that are at the "frustration level" can actually stunt a readers' growth, or send them backwards in their development.

- When in doubt, help your child select books that feel "friendly/familiar" to other books they have enjoyed. Also, check out series books - many of the books in this packet are part of a series. Not only is it fun to follow familiar characters through new adventures and experiences, but reading through a book series can help readers grow!

FAQ – MY CHILD REALLY CAN READ HARDER BOOKS THROUGH – AND WANTS TO! THEY CAN READ ALL THE WORDS ON THE PAGE WITHOUT MAKING MISTAKES. THEY EVEN SEEM TO KNOW WHAT'S GOING ON THE IN STORY. ARE YOU SURE I SHOULDN'T GIVE THEM MUCH HARDER BOOKS? Good question, but proceed with caution!

- "Harder books" often deal with themes and issues that are more mature. These texts, while perhaps "readable" or "decodable" by your child, may not be developmentally appropriate for your child's age. Also, please keep in mind that just because readers can read each word on the page smoothly and without error, does not mean that they are able to comprehend the sophisticated themes and layered plot lines that these texts may contain.

- If your child is desperate to read a harder book, read it aloud together! Their ability to comprehend a story by listening to it read aloud is much higher than their ability to understand it alone. Plus, it's a lovely way to bond with your child over your shared love of reading!

LEVEL O - TITLE	AUTHOR	FICTION	NONFICTION
Babysitters Club (series)	Martin, Ann M	X	
Baseball Saved Us	Mochizuki, Ken	X	
The Boxcar Children (series)	Warner, Gertrude C.	X	
Chocolate Fever	Smith, Robert K.	X	
Class Clown, Class President, Baseball Fever	Hurwitz, Johanna	X	
The Courage Of Sarah Noble	Dalgliesh, Alice	X	
Aldo Applesauce (series)	Hurwitz, Johanna	X	
Henry (series)	Cleary, Beverly	X	
The Mouse And the Motorcycle (series)	Cleary, Beverly	X	
Pippi Longstocking (series)	Lindgren, Astrid	X	
Ramona (series)	Cleary, Beverly	X	
Ant Cities	Dorros, Arthur		X
Baseball's Best: Five True Stories	Gutelle, Andrew		X
Corn Is Maize	Aliki		X
How My Family Lives In America	Kuklin, Susan		X
I Am Rosa Parks	Parks, R and Haskins, J		X
Is there Life In Outer Space?	Branley, Franklyn M.		X
The Story Of Ruby Bridges	Coles, Robert		X
Ten True Animal Rescues	Betancourt, Jeanne		X
What's The Big Idea, Ben Franklin?	Fritz, Jean		X
Space Station Plot and Other Cases	Simon, Seymour		X
Gigantic Ants and Other Cases	Simon, Seymour		X

LEVEL P - TITLE	AUTHOR	FICTION	NONFICTION
Hank the Cowdog (series)	Erickson, John	X	
Fantastic Mr. Fox and The Twits	Dahl, Roald	X	
Magic School Bus (series)	Joanna Cole	X	
Time Warp Trio (series)	Scieszka, Jon	X	
Wayside School (series)	Sachar, Louis	X	
Flat Stanley (series)	Brown, Jeff	X	
Skinnybones (series)	Park, Barbara	X	
Bunnicula (series)	Howe, James	X	
Best School Year Ever	Robinson, B	X	
Best Enemies	Leverich, Kathleen	X	
Tar Beach	Ringgold, Faith	X	
Through Grandpa's Eyes	MacLachlan, Patricia	X	
Andrew Carnegie: Builder Of Libraries	Simon, Charman		X
Balto And The Great Race	Kimmel, Elizabeth C.		X
Brainstorm	Tucker, Tom		X
Dinosaur Bones	Aliki		X
The Land I Lost	Huynh, Quang Nhuong		X
The Magic School Bus Lost in The Solar System	Cole, Joanna		X
Rosa, Parks	Greenfield, Eloise		X
Tut's Mummy Lost.... And Found	Donnelly, Judy		X
Water Buffalo Days	Huynh, Quang Nhuong		X
What Are You Figuring Now? A Story About Benjamin Banneker	Ferris, Jeri		X

LEVEL Q - TITLE	AUTHOR	FICTION	NONFICTION
Aliens Ate My Homework	Coville, Bruce	X	
Help! I'm Trapped In...(series)	Strasser, Todd	X	
Bunnicula (series)	Howe, James	X	
Dear Mr. Henshaw	Clearly, Beverly	X	
Little House in the Big Woods (series)	Wilder, Laura I	X	
James And The Giant Peach	Dahl, Roald	X	
Just Juice	Hesse, Karen	X	
Mr. Popper's Penguins	Atwater, Richard	X	
The War with Grandpa	Smith, Robert	X	
Superfudge, Fudge-a-Mania, Double Fudge	Blume, Judy	X	
Tales Of A Fourth Grade Nothing	Blume, Judy	X	
There's a Boy In The Girl's Bathroom	Sachar, Louis	X	
The True Story Of The 3 Little Pigs	Scieszka, Jon	X	
Black Diamond: the Story Of Negro Baseball Leagues	McKissack, Patricia		X
Finding The Titantic	Ballard, Robert		X
Great Black Heroes: Five Notable Inventors	Hudson, Wade		X
If You Lived At The Time Of ...	Various Authors		X
If Your Name Was Changed At Ellis Island	Levine, Ellen		X
A Medieval Feast	Aliki		X
Sarah Morton's Day	Waters, Kate		X
Walking The Road To Freedom	Ferris, Jeri		X

LEVEL R - TITLE	AUTHOR	FICTION	NONFICTION
Amos (series)	Paulsen, Gary	X	
Because Of Winn-Dixie	DiCamillo, kate	X	
Brian's Winter	Paulsen, Gary	X	
Charlie And The Chocolate Factory	Dahl, Roald	X	
Charlotte's Web	White, E.B.	X	
Every Living Thing	Rylant, Cynthia	X	
Frindle	Clements, Andrew	X	
Hatchet	Paulsen, Gary	X	
How To Eat Fried Worms	Fleischman, Sid	X	
Shiloh	Naylor, Phyllis Reynolds	X	
The Whipping Boy	Fleischman, Sid	X	
All For The Better	Mohr, Nicholasa		X
Amelia Earhart: Young Adviator	Gormley, Beatrice		X
And Then What Happened, Paul Revere?	Fritz, Jean		X
Can't You Make Them Behave, King Geroge?	dePaola, Tomie		X
Can it Rain Cats and Dogs? Question And Answers			X
About The Weather	Berger, Melvin		X
Flight: The Journey Of Charles Lindbergh	Burleigh, Robert		X
The Great Migration	Lawrence, Jacob		X
Mummies Made In Egypt	Aliki		X
Mummies! Secrets Of the Dead	Griffey, Harriet		X
Sadako And the Thousand Paper Cranes	Coerr, Eleanor		X

My Summer Reading Log

You are required to read 45 minutes each weekday and record it on this log. Please bring this log in on the first day of school with your book reports.

Name: _____

Date	Title and Chapter	Author	Type of Book	Parent's Signature

My Summer Reading Log

You are required to read 45 minutes each weekday and record it on this log. Please bring this log in on the first day of school with your book reports.

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Mathematics means more when it is rooted in real-life situations. To help your child review many of the concepts he/she learned, we suggest the following activities for you and your child to do together over vacation. These activities will help your child build on the skills he or she has learned this year and help prepare him or her for Fourth Grade Everyday Mathematics.

1. Have your child practice any multiplication and division facts that he or she has not yet mastered. Include some quick drills while standing in line, waiting at the doctor's office, a quick round the table game before a meal etc.

2. Provide items for your child to measure. Have your child use personal references, as well as U.S. customary and metric measuring tools. Have them help out with cooking and baking.

3. Use newspapers and magazines as sources of numbers, graphs, and tables that your child may read and discuss.

4. Have your child practice multi digit multiplication and division using the algorithms that he or she is most comfortable with. (lattice, partial products, traditional)

5. Ask your child to look at advertisements and find the sale prices of items using the original prices and rates of discount or find rates of discount using original prices and sale prices. Have your child use a calculator and calculate unit prices to determine best or better buys. Have them make your grocery shopping list with a budget in mind.

6. Continue the World Tour by reading about other countries and states.

7. When on vacation, keep a budget notebook. Write down what you spend on activities and items that you purchase.

Over the summer, complete the addition, subtraction and multiplication and division facts worksheets. MEMORIZE your facts; you should not be counting on your fingers in 4th grade.
There will be a timed multiplication test when you return to school in September. BE READY!!

Name _____

Practice 3-3

Estimating Sums and Differences

Estimate. Round to the nearest hundred.

1. 413 + 387	**2.** 954 − 450	**3.** 581 + 417	**4.** 693 − 482
_____	_____	_____	_____
5. 217 + 581	**6.** 438 − 160	**7.** 577 − 328	**8.** 181 + 444
_____	_____	_____	_____
9. 413 − 129	**10.** 391 + 649	**11.** 852 − 781	**12.** 551 + 109
_____	_____	_____	_____

Estimate. Round to the nearest thousand.

13. 5,221 + 2,746	**14.** 8,441 − 6,099	**15.** 6,911 − 2,562
_____	_____	_____
16. 2,601 + 5,814	**17.** 1,099 + 4,623	**18.** 5,715 − 2,839
_____	_____	_____
19. 8,764 − 4,369	**20.** 3,233 + 5,118	**21.** 2,612 − 1,011
_____	_____	_____

22. Estimate the difference between 758 and 436 to the nearest hundred. _____

23. Estimate the sum of 5,244 and 1,609 to the nearest thousand. _____

24. Is the difference of 1,261 and 724 greater than or less than 500? Explain.

_____

_____

Name _____

Practice 3-5

Adding

Find each sum.

1. 67 + 21 = □8

2. 468 + 354 = □□2

3. 805 + 280 = □□□5

4. 237 + 555 = □□2

5. 4,210 + 945 = □□□□

6. 4,017 + 9,564 = □□□□□

7. 820 + 244 = □□□□

8. 3,572 + 619 = □□□□

9. 530 + 986 = □□□□

10. 7,381 + 2,615 = □□□□

11. 462 + 233 = _____

12. 758 + 435 = _____

13. 148 + 326 = _____

14. 337 + 98 = _____

15. 915 + 608 = _____

16. 2,801 + 7,955 = _____

17. Find the sum of 627 and 261. _____

18. Add 2,658 and 695. _____

19. Complete. Write 1, 2, 3, 4, 5, 6, 7, 8, or 9 in each box. Use each digit only once.

a. Write a number sentence that has the greatest sum.

□,□□□ + □□□ = _____

b. Write a number sentence that has the least sum.

□,□□□ + □□□ = _____

Write >, <, or =.

20. 357 + 219 ◯ 357 + 110 + 110

21. 632 + 412 ◯ 632 + 411

22. Ron and Will are collecting cans of food for the food drive at their school. So far Ron has 177 cans and Will has 209. How many cans is this? _____

Name _____

Practice 3-6

Column Addition

Find each sum. Estimate to check.

1.
$$\begin{array}{r} 43 \\ 65 \\ +29 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 392 \\ 543 \\ +737 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 497 \\ 72 \\ +811 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 2{,}085 \\ 3{,}283 \\ +6{,}502 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 556 \\ 119 \\ 972 \\ +658 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 8{,}349 \\ 3{,}785 \\ 414 \\ +\ 78 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 923 \\ 87 \\ 2{,}668 \\ +\ 705 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 4{,}621 \\ 549 \\ 99 \\ +4{,}429 \\ \hline \end{array}$$

9. $47 + 63 + 38 =$ _____

10. $2{,}237 + 5{,}542 + 4{,}921 =$ _____

11. $712 + 243 + 962 =$ _____

12. $4{,}375 + 998 + 47 =$ _____

13. Find the sum of 477 and 380 and 87. _____

14. Find the sum of 3,381 and 674 and 535. _____

15. Find the sum of 873 and 49 and 2,192. _____

16. Write this number sentence in another way so it has the same sum: $332 + 725 + 4{,}496 = 5{,}553$

_____

Write >, <, or =. Decide without finding the sum.

17. $62 + 21 + 88 \bigcirc 59 + 18 + 73$

18. $566 + 238 + 494 \bigcirc 569 + 241 + 500$

Name _____

Practice 3-7

Subtracting

Subtract.

1. 852 − 575 = □□7

2. 321 − 58 = □□3

3. 928 − 749 = □□9

4. 2,414 − 923 = □□□1

5. 394 − 253

6. 267 − 119

7. 744 − 498

8. 128 − 68

9. 4,592 − 1,497

10. 1,983 − 788

11. 8,214 − 5,321

12. 3,465 − 2,877

13. 764 − 332 = _____

14. 672 − 579 = _____

15. 115 − 46 = _____

16. 3,723 − 1,687 = _____

17. Find the difference between 5,528 and 2,681. _____

18. How would you regroup 4 tens to find the difference between 341 and 228?

_____

19. Find the rule. Complete the table.

In	260	320	380	440
Out	230	290		

Rule: _____

Complete.

20. 276, 283, 290, _____, _____, _____

21. 584, 572, 560, _____, _____, _____

22. 2,022; 2,038; 2,054; _____; _____; _____

23. 189, 184, 179, _____, _____, _____

Name _____

Practice 3-8

Subtracting with Middle Zeros

Find each difference.

1. 500 − 324	**2.** 7,000 − 4,968	**3.** 308 − 136	**4.** 4,062 − 1,292
5. 6,006 − 723	**6.** 3,300 − 1,551	**7.** 5,900 − 899	**8.** 4,003 − 423
9. 7,003 − 298	**10.** 6,010 − 3,478	**11.** 4,000 − 298	**12.** 1,303 − 797

13. 8,000 − 4,449 = _____

14. 2,000 − 376 = _____

15. 601 − 208 = _____

16. 7,040 − 2,634 = _____

17. 907 − 359 = _____

18. 3,005 − 2,228 = _____

19. 8,070 − 688 = _____

20. 5,800 − 4,390 = _____

21. What number is 2,438 less than 6,108? _____

22. What number is 146 less than 2,301? _____

23. What number is 329 less than 5,000? _____

24. How could thinking about 90 tens help you find 1,901 − 297?

_____

25. How could thinking about 200 tens help you find 2,004 − 1,559?

_____

Name _____

Practice
Chapter 3
Section B

Review and Practice

Vocabulary Underline the appropriate number to complete each sentence.

1. A front-end estimate of 291 + 450 is (600, 800).
2. (376, 819) is an addend in the number sentence 443 + 376 = 819.

(Lessons 5 and 6) Find each sum. Estimate to check.

3. 162 + 435 = _____
4. 234 + 125 = _____

5. 328 + 551 + 723
6. 491 + 607 + 356
7. 664 + 78 + 5,337
8. 4,729 + 920 + 4,851

(Lessons 7 and 8) Subtract.

9. 568 − 312 = _____
10. 645 − 560 = _____

11. 600 − 357
12. 9,058 − 1,215
13. 7,000 − 5,839
14. 4,281 − 1,687

(Lesson 9) Solve.

15. Of the students in 4th grade at Lampeter High School, 23 play baseball, 15 play football and 29 are in the band. How many more students play a sport than are in the band? _____

(Lesson 10) Add or subtract mentally.

16. 98 + 52 = _____
17. 308 − 250 = _____

(Lesson 11) Find each sum or difference.

18. 58,900 + 50,000
19. 8,999 − 457
20. 5,621 + 1,677
21. 28,400 − 3,700

(Mixed Review) Complete the pattern and find the rule.

22. 4,000; 8,000; 12,000; _____; _____; _____

Rule: _____

Name _____

Practice 4-2

Exploring Patterns in Multiplying by 0, 1, 2, 5, and 9

Complete.

1. Multiples of 2 end in _____, _____, _____, _____, or _____.
2. Multiples of 5 end in _____ or _____.
3. Describe the pattern that multiples of 9 follow.

_____

_____

4. Does $3 \times 5 = 5 \times 3$? Explain.

_____

_____

Find each product.

5. $2 \times 3 =$ _____	6. $5 \times 4 =$ _____	7. $5 \times 6 =$ _____
8. $9 \times 4 =$ _____	9. $7 \times 5 =$ _____	10. $5 \times 3 =$ _____
11. $9 \times 7 =$ _____	12. $2 \times 4 =$ _____	13. $0 \times 6 =$ _____
14. $6 \times 1 =$ _____	15. $9 \times 8 =$ _____	16. $4 \times 5 =$ _____
17. $2 \times 7 =$ _____	18. $1 \times 4 =$ _____	19. $6 \times 9 =$ _____
20. $5 \times 9 =$ _____	21. $8 \times 0 =$ _____	22. $9 \times 2 =$ _____
23. $2 \times 0 =$ _____	24. $9 \times 6 =$ _____	25. $5 \times 2 =$ _____
26. $7 \times 1 =$ _____	27. $6 \times 5 =$ _____	28. $9 \times 9 =$ _____

29. Find the product of 5 and 8. _____
30. Find the product of 3 and 9. _____
31. Which is greater, 4×5 or 3×6? Explain.

_____

32. Which is less, 7×8 or 6×9? Explain.

_____

Name _____

Practice 4-3

Multiplying with 3 and 4 as Factors

Find each product.

1. 3×6	**2.** 4×7	**3.** 5×3	**4.** 2×6
5. 9×3	**6.** 7×4	**7.** 4×5	**8.** 8×4
9. 2×3	**10.** 5×4	**11.** 3×4	**12.** 3×7
13. 4×4	**14.** 3×5	**15.** 4×9	**16.** 6×3
17. 3×9	**18.** 4×6	**19.** 4×8	**20.** 3×8

21. $4 \times 3 =$ _____ **22.** $6 \times 4 =$ _____ **23.** $7 \times 3 =$ _____

24. $5 \times 7 =$ _____ **25.** $0 \times 4 =$ _____ **26.** $8 \times 4 =$ _____

27. Find the product of 3 and 8. _____

28. Find the product of 4 and 7. _____

29. Find the product of 3 and 9. _____

30. Find the product of 4 and 5. _____

31. To multiply 6 by 3 you can find the product of 2 and 6 and the product of 1 and 6 and _____ them.

32. To multiply 4 by 9 you can find the product of 5 and 9 and the product of 1 and 9 and _____ them.

Name _____

Practice 4-4

Multiplying with 6, 7, and 8 as Factors

Find each product.

1. $6 \times 4 =$ _____	**2.** $8 \times 6 =$ _____	**3.** $7 \times 3 =$ _____
4. $8 \times 8 =$ _____	**5.** $6 \times 7 =$ _____	**6.** $7 \times 2 =$ _____
7. $7 \times 7 =$ _____	**8.** $6 \times 8 =$ _____	**9.** $8 \times 9 =$ _____
10. $8 \times 7 =$ _____	**11.** $4 \times 1 =$ _____	**12.** $6 \times 3 =$ _____
13. $8 \times 3 =$ _____	**14.** $9 \times 7 =$ _____	**15.** $6 \times 9 =$ _____
16. $4 \times 2 =$ _____	**17.** $5 \times 6 =$ _____	**18.** $6 \times 6 =$ _____

19. 4 × 6	**20.** 7 × 4	**21.** 4 × 8	**22.** 6 × 3
23. 5 × 7	**24.** 3 × 8	**25.** 8 × 6	**26.** 6 × 7
27. 2 × 6	**28.** 4 × 7	**29.** 8 × 5	**30.** 7 × 8
31. 3 × 6	**32.** 8 × 3	**33.** 8 × 4	**34.** 2 × 7

35. Draw an array for $6 \times 6 = 36$. Explain why it makes sense to call 36 a square number.

Name_____ **Multiplication Facts: 0 to 9**

A.	9 x 1 =	5 x 8 =	2 x 5 =	7 x 5 =	4 x 7 =
B.	0 x 5 =	8 x 0 =	8 x 6 =	0 x 9 =	6 x 3 =
C.	9 x 6 =	7 x 4 =	7 x 0 =	4 x 4 =	0 x 3 =
D.	6 x 4 =	1 x 7 =	3 x 7 =	3 x 1 =	5 x 3 =
E.	9 x 9 =	9 x 3 =	0 x 4 =	7 x 9 =	6 x 0 =
F.	1 x 3 =	4 x 8 =	5 x 7 =	5 x 2 =	2 x 1 =
G.	9 x 4 =	1 x 0 =	7 x 1 =	0 x 0 =	3 x 6 =
H.	4 x 3 =	7 x 8 =	2 x 4 =	8 x 5 =	1 x 2 =
I.	3 x 8 =	9 x 8 =	5 x 1 =	3 x 0 =	7 x 3 =
J.	8 x 1 =	5 x 6 =	2 x 0 =	6 x 2 =	0 x 8 =
K.	9 x 7 =	0 x 1 =	6 x 6 =	1 x 6 =	2 x 9 =
L.	5 x 0 =	6 x 9 =	3 x 2 =	8 x 9 =	4 x 0 =
M.	7 x 2 =	2 x 6 =	0 x 7 =	3 x 5 =	4 x 6 =
N.	2 x 3 =	5 x 9 =	4 x 2 =	1 x 1 =	7 x 7 =
O.	6 x 5 =	0 x 6 =	5 x 5 =	9 x 2 =	8 x 2 =
P.	3 x 9 =	6 x 1 =	1 x 5 =	2 x 8 =	2 x 2 =
Q.	1 x 4 =	1 x 9 =	4 x 9 =	0 x 2 =	6 x 7 =
R.	8 x 4 =	4 x 5 =	7 x 6 =	9 x 5 =	5 x 4 =
S.	8 x 8 =	6 x 8 =	9 x 0 =	3 x 3 =	8 x 7 =
T.	3 x 4 =	4 x 1 =	2 x 7 =	8 x 3 =	1 x 8 =

Minutes

1	2	3	4	5

Score

Name _____ Multiplication Facts: 0 to 9

A.	7 x 6 =	4 x 6 =	2 x 5 =	0 x 8 =	5 x 7 =
B.	1 x 5 =	8 x 9 =	8 x 2 =	7 x 1 =	2 x 4 =
C.	6 x 7 =	0 x 4 =	6 x 1 =	4 x 9 =	9 x 2 =
D.	5 x 6 =	6 x 3 =	2 x 0 =	3 x 8 =	0 x 7 =
E.	9 x 6 =	4 x 2 =	9 x 9 =	5 x 0 =	3 x 3 =
F.	1 x 2 =	7 x 5 =	2 x 9 =	1 x 3 =	4 x 5 =
G.	6 x 0 =	3 x 7 =	0 x 1 =	7 x 9 =	1 x 9 =
H.	3 x 4 =	4 x 8 =	6 x 6 =	2 x 3 =	5 x 5 =
I.	2 x 8 =	7 x 0 =	8 x 5 =	4 x 1 =	7 x 4 =
J.	9 x 0 =	1 x 1 =	3 x 2 =	6 x 9 =	6 x 2 =
K.	8 x 6 =	8 x 1 =	5 x 1 =	0 x 3 =	1 x 4 =
L.	5 x 3 =	2 x 2 =	4 x 0 =	4 x 4 =	8 x 8 =
M.	0 x 0 =	8 x 4 =	6 x 5 =	2 x 7 =	3 x 6 =
N.	9 x 5 =	3 x 1 =	0 x 6 =	7 x 8 =	1 x 8 =
O.	3 x 9 =	7 x 2 =	8 x 0 =	2 x 1 =	0 x 2 =
P.	9 x 8 =	1 x 0 =	9 x 1 =	5 x 9 =	7 x 3 =
Q.	6 x 4 =	9 x 7 =	1 x 7 =	9 x 3 =	5 x 4 =
R.	7 x 7 =	0 x 5 =	5 x 8 =	3 x 0 =	6 x 8 =
S.	9 x 4 =	4 x 3 =	8 x 7 =	0 x 9 =	3 x 5 =
T.	1 x 6 =	5 x 2 =	2 x 6 =	4 x 7 =	8 x 3 =

Minutes

1	2	3	4	5

Score

Name _____

Practice 4-5

Exploring Patterns in Multiples of 10, 11, and 12

Complete.

1. Multiples of 10 end in _____.

2. Describe the pattern multiples of 11 follow.

_____

3. Multiples of 12 end in ____, ____, ____, ____ or ____.

Find each product.

4. $10 \times 6 =$ _____	5. $11 \times 4 =$ _____	6. $10 \times 2 =$ _____
7. $12 \times 7 =$ _____	8. $7 \times 11 =$ _____	9. $5 \times 10 =$ _____
10. $12 \times 3 =$ _____	11. $2 \times 11 =$ _____	12. $4 \times 12 =$ _____
13. $11 \times 9 =$ _____	14. $3 \times 10 =$ _____	15. $12 \times 6 =$ _____
16. $2 \times 12 =$ _____	17. $10 \times 7 =$ _____	18. $3 \times 11 =$ _____
19. $11 \times 8 =$ _____	20. $10 \times 5 =$ _____	21. $12 \times 5 =$ _____
22. $12 \times 12 =$ _____	23. $10 \times 11 =$ _____	24. $11 \times 11 =$ _____

25. How can you use the fact $11 \times 5 = 55$ to solve 11×6?

_____

_____

26. If you have 3 dozen bagels, how many bagels do you have? Explain.

_____

27. Marian has 4 trading cards. Bob has 10 times as many. How many trading cards does Bob have? Explain.

_____

Name _____

Practice 4-7

Reviewing the Meaning of Division

Divide.

1. 15 ÷ 3 = _____	**2.** 18 ÷ 9 = _____	**3.** 18 ÷ 3 = _____
4. 36 ÷ 6 = _____	**5.** 42 ÷ 6 = _____	**6.** 72 ÷ 9 = _____
7. 49 ÷ 7 = _____	**8.** 32 ÷ 8 = _____	**9.** 35 ÷ 5 = _____
10. 24 ÷ 3 = _____	**11.** 40 ÷ 4 = _____	**12.** 45 ÷ 9 = _____
13. 27 ÷ 9 = _____	**14.** 48 ÷ 6 = _____	**15.** 20 ÷ 5 = _____
16. 56 ÷ 8 = _____	**17.** 27 ÷ 9 = _____	**18.** 16 ÷ 4 = _____

19. By what number do you divide 15 to get 3? _____

20. By what number do you divide 49 to get 7? _____

21. By what number do you divide 24 to get 6? _____

22. By what number do you divide 30 to get 5? _____

23. By what number do you divide 12 to get 4? _____

24. By what number do you divide 56 to get 8? _____

25. By what number do you divide 24 to get 3? _____

26. By what number do you divide 81 to get 9? _____

27. What multiplication fact can help you find 36 ÷ 6? _____

28. What multiplication fact can help you find 42 ÷ 7? _____

29. What multiplication fact can help you find 63 ÷ 9? _____

30. What multiplication fact can help you find 36 ÷ 4? _____

31. What multiplication fact can help you find 60 ÷ 5? _____

32. What multiplication fact can help you find 54 ÷ 6? _____

33. What multiplication fact can help you find 35 ÷ 7? _____

Name _____

Division Facts: 0 to 9

A.	36 ÷ 6 =	8 ÷ 1 =	45 ÷ 9 =	16 ÷ 8 =	35 ÷ 5 =
B.	24 ÷ 8 =	27 ÷ 9 =	20 ÷ 5 =	21 ÷ 3 =	8 ÷ 2 =
C.	20 ÷ 4 =	42 ÷ 7 =	18 ÷ 6 =	14 ÷ 2 =	28 ÷ 7 =
D.	56 ÷ 8 =	9 ÷ 3 =	3 ÷ 1 =	40 ÷ 8 =	12 ÷ 4 =
E.	10 ÷ 2 =	48 ÷ 6 =	45 ÷ 5 =	0 ÷ 6 =	15 ÷ 3 =
F.	7 ÷ 7 =	6 ÷ 2 =	18 ÷ 9 =	7 ÷ 1 =	32 ÷ 4 =
G.	5 ÷ 1 =	35 ÷ 5 =	56 ÷ 7 =	5 ÷ 5 =	30 ÷ 6 =
H.	18 ÷ 6 =	15 ÷ 5 =	18 ÷ 2 =	72 ÷ 8 =	2 ÷ 1 =
I.	30 ÷ 5 =	1 ÷ 1 =	21 ÷ 7 =	8 ÷ 4 =	0 ÷ 3 =
J.	9 ÷ 9 =	28 ÷ 4 =	16 ÷ 4 =	12 ÷ 2 =	36 ÷ 9 =
K.	8 ÷ 8 =	27 ÷ 3 =	6 ÷ 6 =	6 ÷ 3 =	0 ÷ 4 =
L.	12 ÷ 3 =	81 ÷ 9 =	0 ÷ 2 =	49 ÷ 7 =	36 ÷ 9 =
M.	30 ÷ 6 =	32 ÷ 8 =	9 ÷ 1 =	0 ÷ 8 =	14 ÷ 7 =
N.	35 ÷ 7 =	16 ÷ 2 =	0 ÷ 7 =	42 ÷ 6 =	6 ÷ 1 =
O.	45 ÷ 9 =	24 ÷ 4 =	10 ÷ 5 =	0 ÷ 1 =	12 ÷ 6 =
P.	2 ÷ 2 =	0 ÷ 5 =	24 ÷ 6 =	40 ÷ 5 =	24 ÷ 3 =
Q.	54 ÷ 6 =	27 ÷ 9 =	18 ÷ 3 =	25 ÷ 5 =	63 ÷ 9 =
R.	64 ÷ 8 =	4 ÷ 1 =	4 ÷ 4 =	0 ÷ 9 =	4 ÷ 2 =
S.	72 ÷ 8 =	63 ÷ 7 =	48 ÷ 8 =	72 ÷ 9 =	24 ÷ 8 =
T.	36 ÷ 4 =	54 ÷ 9 =	3 ÷ 3 =	40 ÷ 5 =	14 ÷ 7 =

Minutes

1	2	3	4	5

Score

Name _____ **Division Facts: 0 to 9**

A.	32 ÷ 8 =	64 ÷ 8 =	4 ÷ 2 =	36 ÷ 6 =	35 ÷ 5 =
B.	48 ÷ 6 =	9 ÷ 3 =	18 ÷ 6 =	16 ÷ 2 =	56 ÷ 7 =
C.	27 ÷ 9 =	63 ÷ 7 =	48 ÷ 8 =	9 ÷ 9 =	21 ÷ 3 =
D.	10 ÷ 2 =	36 ÷ 9 =	4 ÷ 1 =	24 ÷ 4 =	81 ÷ 9 =
E.	40 ÷ 5 =	42 ÷ 7 =	54 ÷ 6 =	2 ÷ 2 =	21 ÷ 7 =
F.	49 ÷ 7 =	6 ÷ 1 =	8 ÷ 4 =	7 ÷ 1 =	32 ÷ 4 =
G.	72 ÷ 8 =	12 ÷ 6 =	8 ÷ 1 =	12 ÷ 4 =	3 ÷ 1 =
H.	24 ÷ 3 =	20 ÷ 5 =	16 ÷ 8 =	0 ÷ 1 =	56 ÷ 7 =
I.	27 ÷ 9 =	32 ÷ 4 =	0 ÷ 3 =	63 ÷ 9 =	40 ÷ 8 =
J.	0 ÷ 7 =	1 ÷ 1 =	14 ÷ 7 =	6 ÷ 3 =	14 ÷ 2 =
K.	30 ÷ 6 =	12 ÷ 3 =	64 ÷ 8 =	49 ÷ 7 =	0 ÷ 6 =
L.	8 ÷ 8 =	42 ÷ 6 =	0 ÷ 2 =	5 ÷ 5 =	28 ÷ 4 =
M.	45 ÷ 9 =	35 ÷ 7 =	4 ÷ 4 =	8 ÷ 2 =	24 ÷ 8 =
N.	0 ÷ 4 =	12 ÷ 2 =	30 ÷ 5 =	12 ÷ 4 =	18 ÷ 3 =
O.	32 ÷ 8 =	6 ÷ 6 =	27 ÷ 3 =	0 ÷ 9 =	45 ÷ 5 =
P.	5 ÷ 1 =	15 ÷ 5 =	2 ÷ 1 =	3 ÷ 3 =	42 ÷ 6 =
Q.	7 ÷ 7 =	56 ÷ 8 =	18 ÷ 2 =	0 ÷ 5 =	7 ÷ 1 =
R.	72 ÷ 9 =	20 ÷ 4 =	0 ÷ 8 =	36 ÷ 4 =	36 ÷ 6 =
S.	25 ÷ 5 =	9 ÷ 1 =	28 ÷ 4 =	54 ÷ 9 =	28 ÷ 7 =
T.	15 ÷ 3 =	18 ÷ 9 =	24 ÷ 6 =	6 ÷ 2 =	45 ÷ 9 =

Minutes

1	2	3	4	5

Score _____

Name _____ **Multiplication and Division Facts: 0 to 9**

A.	5 x 0	4 x 1	2 x 6	$5\overline{)25}$	7 x 3	$4\overline{)28}$	5 x 7	$3\overline{)3}$	1 x 7	$7\overline{)28}$
B.	$2\overline{)14}$	8 x 2	3 x 2	$7\overline{)21}$	0 x 6	8 x 8	$5\overline{)10}$	4 x 2	$9\overline{)81}$	$9\overline{)36}$
C.	$4\overline{)32}$	6 x 3	5 x 9	$3\overline{)0}$	$2\overline{)12}$	2 x 1	8 x 0	$8\overline{)48}$	3 x 5	7 x 9
D.	$6\overline{)42}$	1 x 4	3 x 0	$7\overline{)0}$	5 x 3	$6\overline{)24}$	0 x 2	6 x 5	9 x 3	$5\overline{)5}$
E.	$2\overline{)2}$	3 x 6	9 x 7	3 x 1	$6\overline{)30}$	$1\overline{)0}$	7 x 7	0 x 9	$3\overline{)6}$	8 x 5
F.	2 x 0	$5\overline{)5}$	$4\overline{)12}$	6 x 0	1 x 1	$1\overline{)7}$	$9\overline{)18}$	5 x 4	$8\overline{)24}$	1 x 9
G.	9 x 1	6 x 6	0 x 4	$9\overline{)72}$	$2\overline{)4}$	4 x 4	$5\overline{)45}$	$7\overline{)42}$	2 x 8	7 x 0
H.	$3\overline{)24}$	5 x 2	$8\overline{)32}$	3 x 3	$5\overline{)0}$	$1\overline{)6}$	0 x 8	$3\overline{)12}$	$8\overline{)40}$	6 x 9
I.	7 x 5	$4\overline{)24}$	$7\overline{)14}$	9 x 6	2 x 4	$1\overline{)8}$	$9\overline{)27}$	4 x 0	1 x 0	$8\overline{)56}$
J.	$2\overline{)18}$	1 x 8	9 x 0	$6\overline{)6}$	9 x 8	8 x 7	$4\overline{)36}$	0 x 1	4 x 5	$6\overline{)48}$

Minutes

1	2	3	4	5

Score

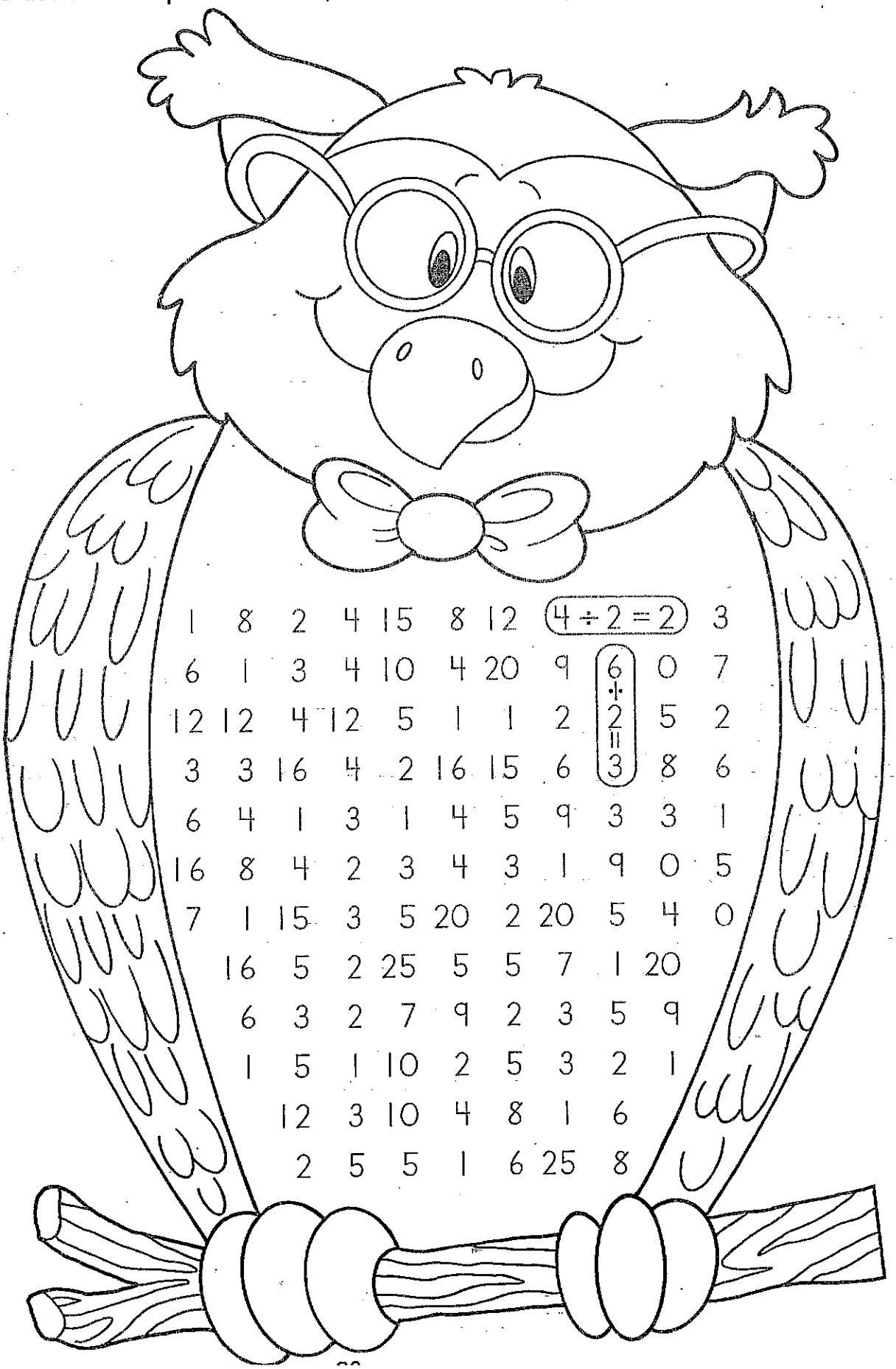
Name_____

Division Facts: 0 to 5

Divide to solve the problems in the problem list. Use ÷ and = to find the same problems hidden across and down in the puzzle. Then, circle each hidden problem and answer.

Problem List

$3 \div 3 =$ ____
$15 \div 5 =$ ____
$20 \div 5 =$ ____
$25 \div 5 =$ ____
$10 \div 2 =$ ____
$8 \div 4 =$ ____
$9 \div 3 =$ ____
$20 \div 4 =$ ____
$15 \div 3 =$ ____
$4 \div 2 =$ ____
$12 \div 3 =$ ____
$12 \div 4 =$ ____
$5 \div 5 =$ ____
$10 \div 5 =$ ____
$8 \div 2 =$ ____
$6 \div 3 =$ ____
$16 \div 4 =$ ____
$6 \div 2 =$ ____



1	8	2	4	15	8	12	4÷2=2			3
6	1	3	4	10	4	20	9	6	0	7
12	12	4	12	5	1	1	2	÷	5	2
3	3	16	4	2	16	15	6	2	8	6
6	4	1	3	1	4	5	9	=	3	1
16	8	4	2	3	4	3	1	3	0	5
7	1	15	3	5	20	2	20	5	4	0
	16	5	2	25	5	5	7	1	20	
	6	3	2	7	9	2	3	5	9	
	1	5	1	10	2	5	3	2	1	
		12	3	10	4	8	1	6		
		2	5	5	1	6	25	8		

Name_____ **Division Facts:** 0 to 9

Divide to solve the problems in the problem list. Use ÷ and = to find the same problems hidden across and down in the puzzle. Circle each hidden problem.

Problem List

81 ÷ 9 = ____
9 ÷ 1 = ____
27 ÷ 3 = ____
36 ÷ 4 = ____
18 ÷ 2 = ____
24 ÷ 6 = ____
32 ÷ 8 = ____
18 ÷ 3 = ____
16 ÷ 4 = ____
40 ÷ 5 = ____
48 ÷ 8 = ____
42 ÷ 7 = ____
63 ÷ 7 = ____
56 ÷ 8 = ____
45 ÷ 9 = ____
72 ÷ 9 = ____
54 ÷ 6 = ____
64 ÷ 8 = ____