

Mannsdale Upper Elementary
upcoming 4th Grade
Summer Reading List
2022-2023

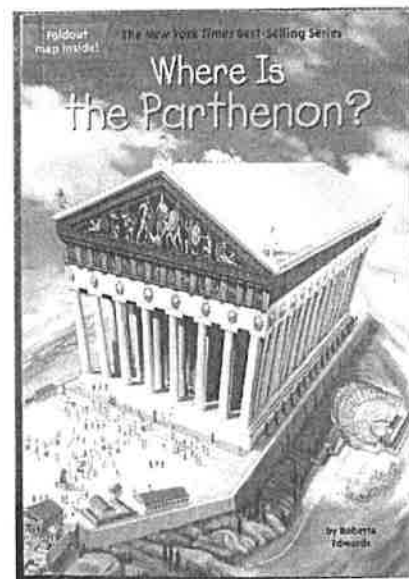
Students must read the book listed below.
Students will take a comprehension quiz on the following book
on Friday, August 19th.

The Summer Reading quiz will count as a Minor grade.

Nonfiction:

**Where Is the Parthenon?
by Roberta Edwards**

Students will take a comprehension quiz on
their book Friday, August 19th.
It will count as a Minor grade.



Major standards that are being addressed through this unit:

- RI.4.1: Refer to details and examples in a text when explaining what the text states explicitly and when drawing inferences from the text
- RI.4.2: Determine the main idea of a text and explain how it is supported by details; summarize the text
- RI.4.3: Explain events, procedures, ideas, or concepts in a historical, scientific, or technical text, including what happened and why, based on specific information in the text
- RI.4.7: Interpret information presented visually, orally, or quantitatively (e.g. in charts, graphs, diagrams, timelines) and explain how the information contributes to an understanding of the text in which it appears

OPTIONAL Assignment for the nonfiction book, *Where Is the Parthenon?*

Students may want to summarize each chapter as they read. In a summary, students should list the most important events that happened in the chapter. Students **WILL** be able to use their summary sheets, as well as their book, when they take their quiz on their book. Teachers **WILL NOT** collect these summary sheets, so students are responsible for keeping up with them until they take their quizzes. **The quiz will count as a Minor grade. We will take our quiz on Friday, August 19th, 2022.**

Chapter 1	Chapter 2
Chapter 3	Chapter 4

Chapter 5

Chapter 6

Chapter 7

Chapter 8

Chapter 9

Chapter 10

Dear Parents/Guardians,

Your upcoming 4th grader has a packet coming home with them for the summer. This packet includes skills that they have already learned in 3rd grade and skills that they will learn at the beginning of 4th grade. We start each year off with place value and then move to multiplication and division. It is very important that your child stay fluent with their multiplication and division facts over the summer. Your packet must be completed by the start of next school year. There are also some helpful math websites listed below so that they can practice different skills and stay fluent with their facts.

Thank you,
4th grade teachers

Helpful Math Websites

www.multiplication.com

coolmath-games.com

www.funbrain.com

commoncoresheets.com

Adding within 1,000

Solve each problem.

$$\begin{array}{r} 1) \quad 574 \\ + 257 \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 419 \\ + 294 \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad 777 \\ + 81 \\ \hline \end{array}$$

$$\begin{array}{r} 4) \quad 922 \\ + 39 \\ \hline \end{array}$$

$$\begin{array}{r} 5) \quad 629 \\ + 289 \\ \hline \end{array}$$

$$\begin{array}{r} 6) \quad 527 \\ + 299 \\ \hline \end{array}$$

$$\begin{array}{r} 7) \quad 703 \\ + 134 \\ \hline \end{array}$$

$$\begin{array}{r} 8) \quad 200 \\ + 175 \\ \hline \end{array}$$

$$\begin{array}{r} 9) \quad 157 \\ + 95 \\ \hline \end{array}$$

$$\begin{array}{r} 10) \quad 533 \\ + 455 \\ \hline \end{array}$$

$$\begin{array}{r} 11) \quad 700 \\ + 77 \\ \hline \end{array}$$

$$\begin{array}{r} 12) \quad 623 \\ + 46 \\ \hline \end{array}$$

$$\begin{array}{r} 13) \quad 610 \\ + 82 \\ \hline \end{array}$$

$$\begin{array}{r} 14) \quad 350 \\ + 64 \\ \hline \end{array}$$

$$\begin{array}{r} 15) \quad 340 \\ + 229 \\ \hline \end{array}$$

$$\begin{array}{r} 16) \quad 946 \\ + 51 \\ \hline \end{array}$$

$$\begin{array}{r} 17) \quad 552 \\ + 400 \\ \hline \end{array}$$

$$\begin{array}{r} 18) \quad 866 \\ + 77 \\ \hline \end{array}$$

$$\begin{array}{r} 19) \quad 468 \\ + 63 \\ \hline \end{array}$$

$$\begin{array}{r} 20) \quad 917 \\ + 39 \\ \hline \end{array}$$

Subtracting within 1,000

Use subtraction to solve the following problems.

$$\begin{array}{r} 1) \quad 472 \\ - 446 \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 787 \\ - 523 \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad 425 \\ - 274 \\ \hline \end{array}$$

$$\begin{array}{r} 4) \quad 732 \\ - 582 \\ \hline \end{array}$$

$$\begin{array}{r} 5) \quad 889 \\ - 172 \\ \hline \end{array}$$

$$\begin{array}{r} 6) \quad 387 \\ - 324 \\ \hline \end{array}$$

$$\begin{array}{r} 7) \quad 600 \\ - 258 \\ \hline \end{array}$$

$$\begin{array}{r} 8) \quad 961 \\ - 223 \\ \hline \end{array}$$

$$\begin{array}{r} 9) \quad 540 \\ - 289 \\ \hline \end{array}$$

$$\begin{array}{r} 10) \quad 514 \\ - 437 \\ \hline \end{array}$$

$$\begin{array}{r} 11) \quad 346 \\ - 137 \\ \hline \end{array}$$

$$\begin{array}{r} 12) \quad 256 \\ - 141 \\ \hline \end{array}$$

$$\begin{array}{r} 13) \quad 999 \\ - 729 \\ \hline \end{array}$$

$$\begin{array}{r} 14) \quad 944 \\ - 493 \\ \hline \end{array}$$

$$\begin{array}{r} 15) \quad 338 \\ - 288 \\ \hline \end{array}$$

$$\begin{array}{r} 16) \quad 190 \\ - 179 \\ \hline \end{array}$$

$$\begin{array}{r} 17) \quad 243 \\ - 192 \\ \hline \end{array}$$

$$\begin{array}{r} 18) \quad 551 \\ - 317 \\ \hline \end{array}$$

$$\begin{array}{r} 19) \quad 351 \\ - 348 \\ \hline \end{array}$$

$$\begin{array}{r} 20) \quad 538 \\ - 423 \\ \hline \end{array}$$

Name: _____

Date: _____



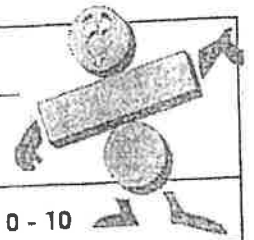
Multiplication Facts 0 - 12

- | | |
|----------------------------|----------------------------|
| 1. $11 \times 7 =$ _____ | 26. $5 \times 6 =$ _____ |
| 2. $6 \times 9 =$ _____ | 27. $11 \times 9 =$ _____ |
| 3. $3 \times 12 =$ _____ | 28. $6 \times 4 =$ _____ |
| 4. $9 \times 10 =$ _____ | 29. $11 \times 11 =$ _____ |
| 5. $7 \times 7 =$ _____ | 30. $3 \times 3 =$ _____ |
| 6. $12 \times 12 =$ _____ | 31. $12 \times 8 =$ _____ |
| 7. $10 \times 6 =$ _____ | 32. $7 \times 6 =$ _____ |
| 8. $11 \times 3 =$ _____ | 33. $12 \times 12 =$ _____ |
| 9. $7 \times 9 =$ _____ | 34. $9 \times 9 =$ _____ |
| 10. $8 \times 8 =$ _____ | 35. $0 \times 4 =$ _____ |
| 11. $9 \times 5 =$ _____ | 36. $12 \times 6 =$ _____ |
| 12. $10 \times 10 =$ _____ | 37. $10 \times 12 =$ _____ |
| 13. $3 \times 6 =$ _____ | 38. $9 \times 8 =$ _____ |
| 14. $4 \times 8 =$ _____ | 39. $12 \times 5 =$ _____ |
| 15. $11 \times 6 =$ _____ | 40. $4 \times 9 =$ _____ |
| 16. $10 \times 5 =$ _____ | 41. $6 \times 8 =$ _____ |
| 17. $0 \times 0 =$ _____ | 42. $12 \times 7 =$ _____ |
| 18. $12 \times 4 =$ _____ | 43. $10 \times 11 =$ _____ |
| 19. $6 \times 6 =$ _____ | 44. $9 \times 8 =$ _____ |
| 20. $2 \times 3 =$ _____ | 45. $9 \times 3 =$ _____ |
| 21. $8 \times 8 =$ _____ | 46. $12 \times 9 =$ _____ |
| 22. $6 \times 5 =$ _____ | 47. $8 \times 10 =$ _____ |
| 23. $12 \times 2 =$ _____ | 48. $9 \times 2 =$ _____ |
| 24. $8 \times 6 =$ _____ | 49. $0 \times 5 =$ _____ |
| 25. $10 \times 3 =$ _____ | 50. $11 \times 1 =$ _____ |

Time: _____ Score: _____

Name: _____

Date: _____



Level: I

Skill: 0 - 10

- | | |
|--------------------------|--------------------------|
| 1. $70 \div 10 =$ _____ | 26. $6 \div 2 =$ _____ |
| 2. $56 \div 7 =$ _____ | 27. $32 \div 8 =$ _____ |
| 3. $100 \div 10 =$ _____ | 28. $6 \div 3 =$ _____ |
| 4. $72 \div 9 =$ _____ | 29. $0 \div 3 =$ _____ |
| 5. $9 \div 3 =$ _____ | 30. $108 \div 9 =$ _____ |
| 6. $22 \div 2 =$ _____ | 31. $12 \div 3 =$ _____ |
| 7. $63 \div 9 =$ _____ | 32. $60 \div 5 =$ _____ |
| 8. $24 \div 4 =$ _____ | 33. $28 \div 7 =$ _____ |
| 9. $0 \div 9 =$ _____ | 34. $1 \div 1 =$ _____ |
| 10. $21 \div 3 =$ _____ | 35. $72 \div 6 =$ _____ |
| 11. $42 \div 7 =$ _____ | 36. $27 \div 9 =$ _____ |
| 12. $10 \div 10 =$ _____ | 37. $33 \div 3 =$ _____ |
| 13. $35 \div 7 =$ _____ | 38. $10 \div 5 =$ _____ |
| 14. $70 \div 7 =$ _____ | 39. $0 \div 1 =$ _____ |
| 15. $12 \div 6 =$ _____ | 40. $18 \div 9 =$ _____ |
| 16. $96 \div 8 =$ _____ | 41. $18 \div 3 =$ _____ |
| 17. $20 \div 5 =$ _____ | 42. $22 \div 2 =$ _____ |
| 18. $16 \div 4 =$ _____ | 43. $60 \div 5 =$ _____ |
| 19. $36 \div 3 =$ _____ | 44. $48 \div 8 =$ _____ |
| 20. $99 \div 9 =$ _____ | 45. $25 \div 5 =$ _____ |
| 21. $24 \div 3 =$ _____ | 46. $21 \div 7 =$ _____ |
| 22. $0 \div 8 =$ _____ | 47. $28 \div 4 =$ _____ |
| 23. $90 \div 10 =$ _____ | 48. $0 \div 3 =$ _____ |
| 24. $14 \div 7 =$ _____ | 49. $2 \div 1 =$ _____ |
| 25. $4 \div 1 =$ _____ | 50. $54 \div 9 =$ _____ |

Time: _____ Score: _____

Name: _____

Date: _____



Level: K

Skill: 0 - 12

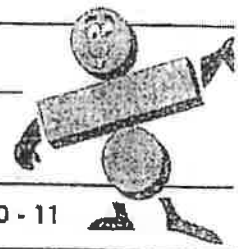
- | | |
|---------------------------|----------------------------|
| 1. $12 \times 12 =$ _____ | 26. $12 \times 11 =$ _____ |
| 2. $11 \times 10 =$ _____ | 27. $2 \times 3 =$ _____ |
| 3. $4 \times 6 =$ _____ | 28. $12 \times 5 =$ _____ |
| 4. $11 \times 11 =$ _____ | 29. $0 \times 8 =$ _____ |
| 5. $9 \times 3 =$ _____ | 30. $6 \times 4 =$ _____ |
| 6. $8 \times 12 =$ _____ | 31. $10 \times 10 =$ _____ |
| 7. $4 \times 5 =$ _____ | 32. $3 \times 4 =$ _____ |
| 8. $0 \times 7 =$ _____ | 33. $12 \times 10 =$ _____ |
| 9. $8 \times 7 =$ _____ | 34. $6 \times 3 =$ _____ |
| 10. $12 \times 9 =$ _____ | 35. $7 \times 5 =$ _____ |
| 11. $8 \times 6 =$ _____ | 36. $9 \times 7 =$ _____ |
| 12. $7 \times 7 =$ _____ | 37. $3 \times 9 =$ _____ |
| 13. $4 \times 2 =$ _____ | 38. $7 \times 12 =$ _____ |
| 14. $2 \times 10 =$ _____ | 39. $3 \times 7 =$ _____ |
| 15. $12 \times 4 =$ _____ | 40. $8 \times 4 =$ _____ |
| 16. $4 \times 7 =$ _____ | 41. $7 \times 4 =$ _____ |
| 17. $6 \times 11 =$ _____ | 42. $7 \times 8 =$ _____ |
| 18. $4 \times 4 =$ _____ | 43. $9 \times 10 =$ _____ |
| 19. $9 \times 4 =$ _____ | 44. $5 \times 9 =$ _____ |
| 20. $1 \times 10 =$ _____ | 45. $1 \times 11 =$ _____ |
| 21. $12 \times 6 =$ _____ | 46. $9 \times 6 =$ _____ |
| 22. $6 \times 6 =$ _____ | 47. $3 \times 3 =$ _____ |
| 23. $8 \times 3 =$ _____ | 48. $12 \times 2 =$ _____ |
| 24. $2 \times 2 =$ _____ | 49. $5 \times 8 =$ _____ |
| 25. $8 \times 2 =$ _____ | 50. $12 \times 3 =$ _____ |

Time: _____

Score: _____

Name: _____

Date: _____



Level: J

Skill: 0 - 11

- | | |
|--------------------------|---------------------------|
| 1. $121 \div 11 =$ _____ | 26. $30 \div 3 =$ _____ |
| 2. $32 \div 8 =$ _____ | 27. $77 \div 11 =$ _____ |
| 3. $120 \div 10 =$ _____ | 28. $63 \div 9 =$ _____ |
| 4. $8 \div 4 =$ _____ | 29. $0 \div 10 =$ _____ |
| 5. $12 \div 3 =$ _____ | 30. $45 \div 5 =$ _____ |
| 6. $55 \div 11 =$ _____ | 31. $72 \div 6 =$ _____ |
| 7. $70 \div 10 =$ _____ | 32. $72 \div 9 =$ _____ |
| 8. $24 \div 4 =$ _____ | 33. $72 \div 8 =$ _____ |
| 9. $21 \div 7 =$ _____ | 34. $35 \div 5 =$ _____ |
| 10. $36 \div 4 =$ _____ | 35. $24 \div 6 =$ _____ |
| 11. $42 \div 7 =$ _____ | 36. $27 \div 9 =$ _____ |
| 12. $5 \div 5 =$ _____ | 37. $10 \div 2 =$ _____ |
| 13. $0 \div 1 =$ _____ | 38. $10 \div 5 =$ _____ |
| 14. $108 \div 9 =$ _____ | 39. $33 \div 3 =$ _____ |
| 15. $40 \div 5 =$ _____ | 40. $100 \div 10 =$ _____ |
| 16. $48 \div 4 =$ _____ | 41. $18 \div 3 =$ _____ |
| 17. $96 \div 8 =$ _____ | 42. $15 \div 3 =$ _____ |
| 18. $99 \div 11 =$ _____ | 43. $24 \div 8 =$ _____ |
| 19. $25 \div 5 =$ _____ | 44. $35 \div 7 =$ _____ |
| 20. $42 \div 6 =$ _____ | 45. $45 \div 5 =$ _____ |
| 21. $56 \div 8 =$ _____ | 46. $21 \div 3 =$ _____ |
| 22. $0 \div 2 =$ _____ | 47. $132 \div 11 =$ _____ |
| 23. $54 \div 9 =$ _____ | 48. $0 \div 11 =$ _____ |
| 24. $16 \div 4 =$ _____ | 49. $7 \div 1 =$ _____ |
| 25. $4 \div 2 =$ _____ | 50. $60 \div 5 =$ _____ |

Time: _____

Score: _____

Name _____

Practice Sheet

4.MD.3

Use a formula to find area

What is Area?

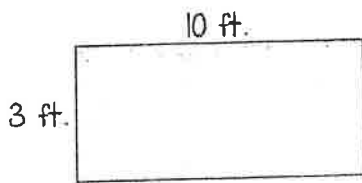
Area is the number of square units needed to cover a flat surface.

Find the area of a rectangle or square by multiplying the length times the width.

To find area, use the following formula.

$$A = L \times W$$

Example: A garden is 3 feet long and 10 feet wide. What is the area of the garden?



Multiply.

$$A = L \times W$$

$$A = 3 \times 10$$

$$A = 30 \text{ sq. ft.}$$

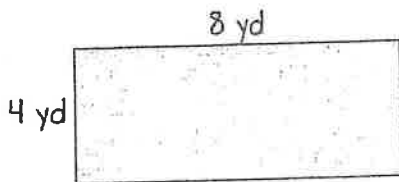
You can see there are 30 square units when you use grid paper.



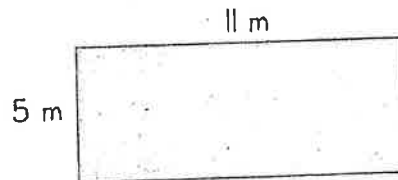
3 rows of 10 =
30 square units

Find the area of each figure below.

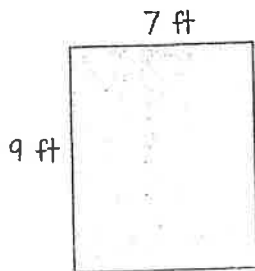
1. $A = L \times W$
 $A = \underline{\quad} \times \underline{\quad}$
 $A = \underline{\quad}$ square yards



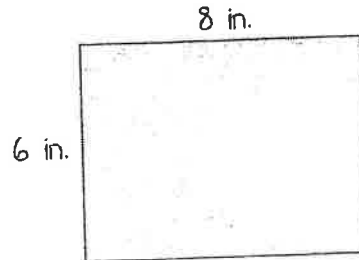
2. $A = L \times W$
 $A = \underline{\quad} \times \underline{\quad}$
 $A = \underline{\quad}$ square meters



3. $A = L \times W$
 $A = \underline{\quad} \times \underline{\quad}$
 $A = \underline{\quad}$ square feet



4. $A = L \times W$
 $A = \underline{\quad} \times \underline{\quad}$
 $A = \underline{\quad}$ square inches



Name _____

Practice Sheet

4.MD.3

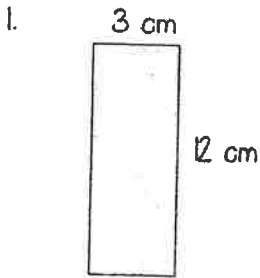
Use a formula to find area

Area Practice

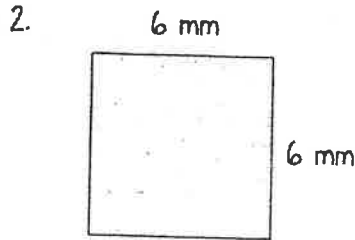
$$A = L \times W$$

Area is the number of square units needed to cover a flat surface.

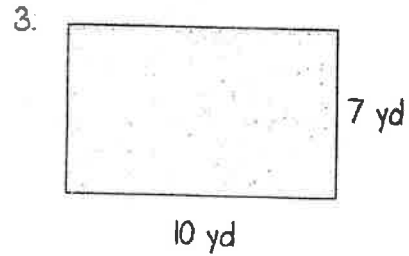
Use the formula above to find the area of each rectangle or square below.



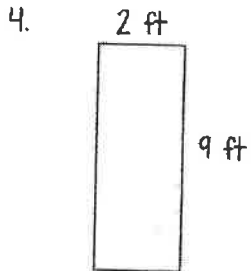
A = _____ sq. cm



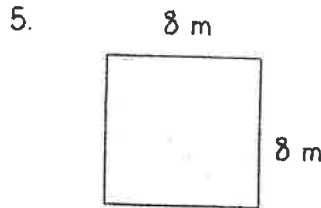
A = _____ sq. mm



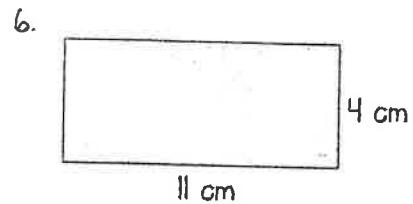
A = _____ sq. yd



A = _____ sq. ft



A = _____ sq. m



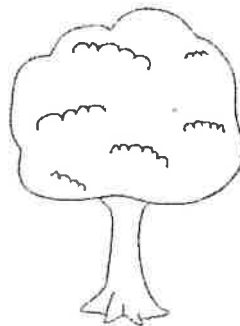
A = _____ sq. cm

7. Maddie's beach towel is 8 feet long and 5 feet wide.

Draw and label a diagram of Maddie's beach towel.

The area of Maddie's beach towel is _____ square feet.

8. Kellan's backyard is 12 yards long and 9 yards wide. What is the area of Kellan's backyard?



- A. 42 sq. yards
- B. 84 sq. yards
- C. 98 sq. yards
- D. 108 sq. yards

Name _____

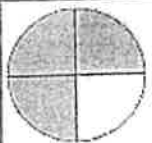
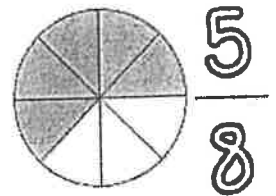
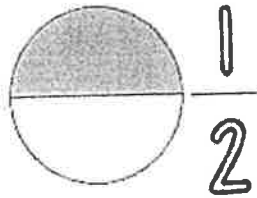
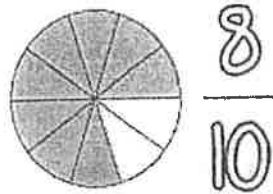
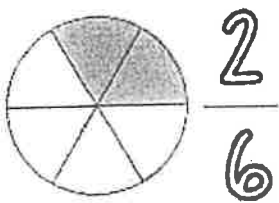
Practice Sheet

4.NF

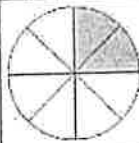
Understanding fractions as part of a region
Fundamental skill to 4.NF.1

Parts of a Region

Fractions can name part of a whole region. Remember, the numerator (top) shows the shaded part of the region and the denominator (bottom) shows the total number of equal pieces in the region.

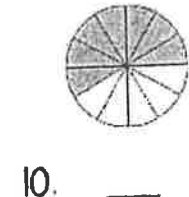
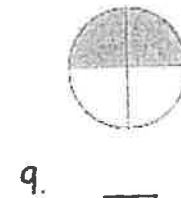
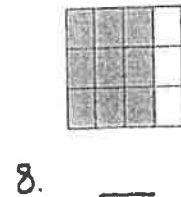
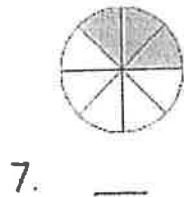
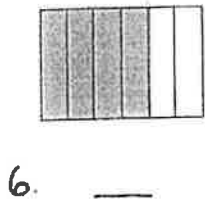
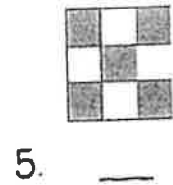
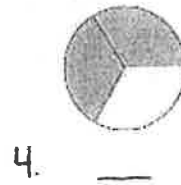
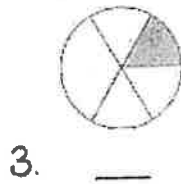
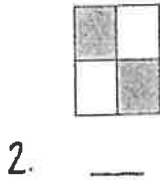
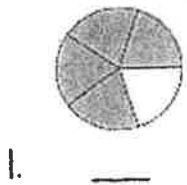


How many parts are shaded? _____
How many equal parts are there? _____
What is the fraction of _____
the shaded region?



How many parts are shaded? _____
How many equal parts are there? _____
What is the fraction of _____
the shaded region?

Write a fraction for the shaded part of each region below.



Draw a model to represent each fraction below.

*Remember, the size of the pieces must be equal.

11. $\frac{3}{5}$

12. $\frac{4}{8}$

13. $\frac{5}{6}$

Name _____

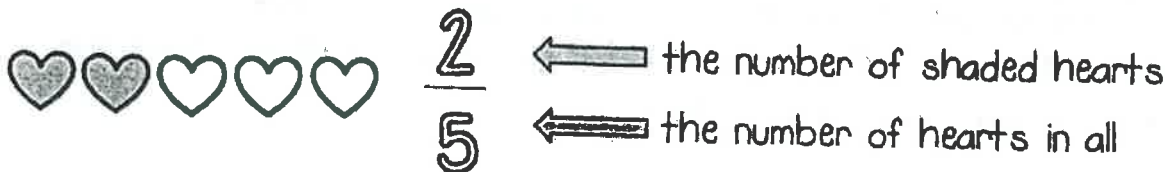
Practice Sheet

4.NF

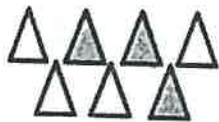
Understanding fractions as part of a set
Fundamental skill to 4.NF.1

Parts of a Set

Fractions can name part of a set.



What fraction of each set below is shaded?



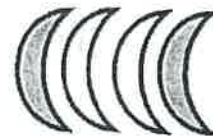
1. _____



2. _____



3. _____



4. _____

What fraction of the shapes below are stars?



5. _____



6. _____



7. _____



8. _____

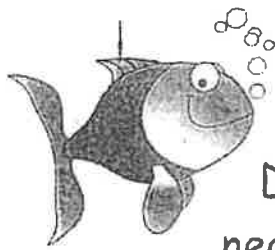
Draw a picture to represent each fraction as part of a set below.

9. $\frac{1}{4}$

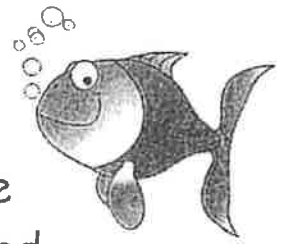
10. $\frac{2}{5}$

11. $\frac{3}{10}$

12. $\frac{5}{8}$

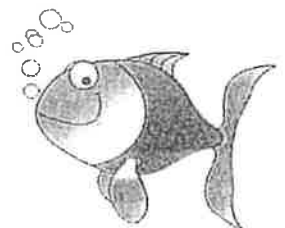
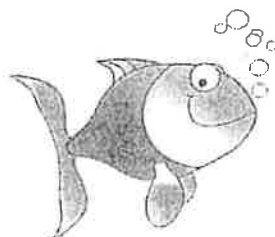
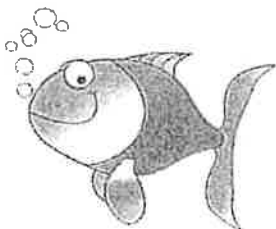


Rounding Review



Directions: Round each number to the nearest ten AND to the nearest hundred.

Number	Rounded to the nearest ten	Rounded to the nearest hundred
143		
74		
533		
781		
949		
368		
332		
431		
828		
653		



Name _____

Practice Sheet

4.NBT.1

Identify
place value up to
the millions

Identifying Place Value

The place of a digit in a number determines its value.

Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones
5 ,	6 ,	3 ,	9 ,	8	7	5
5,000,000	600,000	30,000	9,000	800	70	5
5 millions	6 hundred thousands	3 ten thousands	9 thousands	8 hundreds	7 tens	5 ones

In each number below, the value of the underlined digit is given.

45, 267 = 200

2 hundreds

94,316 = 90,000

9 ten thousands

8,032 = 8,000

8 thousands

Find the value of the underlined digit.

1. 34,725 _____

2. 34,725 _____

3. 285,003 _____

4. 285,003 _____

5. 4915,109 _____

6. 4,915,109 _____

7. 5,186,432 _____

8. 5,186,432 _____

9. 723,964 _____

10. 723,964 _____

Identify the digit in the given place value.

11. In the number 56,821 which digit is in the hundreds place? _____

12. In the number 247,139 which digit is in the ten thousands place? _____

13. In the number 3,186,425 which digit is in the millions place? _____