

Grades 5 & 6

Required Religion Books:

Grade 5 - *St. Pius X: The Farm Boy Who Became Pope* by Walter Diethelm, O.S.B.

Grade 6 – *Carlo Acutis – The First Millennial Saint* by Nicola Gori

Required Literature Books:

Grade 5 - Clements, Andrew- *Frindle*

Grade 6 - Holes, Louis Sachar

Students, you must read the required literature book and be ready to discuss when we return to school. We will do a comprehensive question study guide. You will then be given a comprehension test.

Choose one nonfiction book and one fiction book of your choice to read also. I will assign the project to work on when we return to school. You are encouraged to read more. The following reading list has many interesting options!

Grades 5 & 6 – Non-fiction

Albee, Sarah- *Accidental Archeologists: True Stories of Unexpected Discoveries*

Aronson, Marc- *Trapped: How the World Rescued 33 Miners From 2,000 Feet Below the Chilean Desert*

Burleigh, Robert- *O Captain, My Captain*

Castaldo, Nancy- *Beastly Brains: Exploring How Animals Think, Talk and Feel*

Ganda, Martin- *I Will Always Write Back: How One Letter Changed Two Lives*

Grandin, Temple- *Calling All Minds*

Hernandez, Laurie- *I Got This: To Gold and Beyond*

Ignatofsky, Rachel- *Women in ...series*

Kean, Sam- *The Disappearing Spoon* (young adult adaptation)

Lambert, Joseph-Annie Sullivan and *The Trials of Helen Keller*

Rauch, George- *An Unlikely Warrior: A Jewish Soldier in Hitler's Army*

Schanzer, Rosalyn- *Witches: The Absolutely True Tale of Disaster in Salem*

Scientists in the Field series- Various Authors

Shackelton, Kate-*Survivors of the Holocaust: True Stories of Six Extraordinary Children*

Sidman, Joyce- *The Girl Who Drew Butterflies: How Maria Merian's Art Changed Science*

Sweet, Melissa- *Some Writer! The Story of E.B. White*

Thimmesh, Catherine- *Team Moon: How 400,000 People Landed Apollo 11 on the Moon*

Tougias, Michael J.- *A Storm Too Soon: A True Story of Disaster, Survival and an Incredible Rescue*

Tunnell, Michael- *Candy Bomber: The Story of the Berlin Airlift's "Chocolate Pilot"*

Woodson, Jacqueline- *Brown Girl Dreaming*

Grades 5 & 6 - Fiction

Alcott, Louisa May- *Little Women*

Barnhill, Kelly- *The Girl Who Drank the Moon*

Lauren Baratz-Logstead- *I Love You, Michael Collins*

Bertman, Jennifer Chambliss- *Book Scavenger* series

Birdsall, Jeanne- *The Penderwick* series

Brown, Peter- *The Wild Robot* series

Louise- *Harriet the Spy*

Gibbs, Stuart- *Fun Jungle, Moonbase Alpha* and *Spy School* series

Gidwitz, Adam- *Inquisitor's Tale*

Green, Tim-*The Big Game*

Gruener, Ruth- *Out of Hiding*

Hood, Susan- *Lifeboat*

Hunt, Lynda Mullaly- *Fish in a Tree*

Korman, Gordon- *What's His Face*

MacLachlan, Patricia- *The Truth of Me*

Martin, Ann- *Rain Reign*

Medina, Meg- *Merci Suarez Changes Gears*

Meloy, Colin- *Wildwood*

Minks, Margaret- *Payback on Poplar Lane*

Parker Rhodes, Jewell- *Ghost Boys*

Patterson, James and Alexander Kwame- *Becoming Muhammad Ali*

Pincus, Greg- *The Homework Strike*

Ponti, James- *Framed, Vanished and/or Trapped*

Reynolds, Jason- *Ghost series*

Woods, Brenda -*The Unsung Hero of Birdsong, USA*

Grade 6 Supply List

For classroom:

- 2 Packages, Filler Paper, Wide Rule, 100 sheets/pack
- 4 Boxes of Tissues
- 3 Packages of Disinfecting Wipes
- 4 Rolls of Paper Towel

For students:

- 1 Binder, 3 Ring, Heavy Duty, 1"
- 1 Binder, 3 Ring, Heavy Duty, 1" – for French
- 6 Book Covers, Jumbo, Assorted Colors
- 4 Composition Notebooks
- 6 Folders, 2 Pocket, Assorted Colors
- 6 Packages, Index Cards 3"x5", Ruled, 100/pack
- 1 Index Card File Box, Plastic 3"x5", Holds 250 Index Cards
- 1 Pencil Pouch, Fabric, 10"x6"
- 4 Dozen Dixon Ticonderoga #2 Pencils, Sharpened
- Pens, Non-clicking – 6 - Blue, 6 - Black, and 6 - Red
- Large 5 Tab Insertable Paper Dividers – Assorted Colors
- BIC White-Out Correction Tape – White/2 pack
- 1 Scissors 7"
- 1 Crayola 12 Count, Washable Markers, Wide Tip
- 1 Crayola 12 Count, Washable Markers, Fine Tip
- 1 Crayola 24 Count, Colored Pencils
- 1 Crayola 24/Box, Crayons
- 1 Package of 5 Highlighters
- 3 Packages of 12 Count, Elmer's Glue Sticks
- 1 Elmer's School Glue 4oz.
- 1 Wooden 12" Ruler - Inches & Centimeters – No Center Holes
- 1 5 subject notebook (200 pages) with tab dividers
- 1 Texas Instruments TI-503SV 8 Digit Pocket Calculator
- 1 Pair wired earbuds with standard 2.5mm plug for use with Chromebooks (kept at school)

Other supplies needed

- 1 Family Photograph
- Bible - *St. Joseph N.C.V. New Testament* Vest Pocket Edition (new students only)
- Youth Catechism of Catholic Church* (new students only)
- Rosary Beads

At home: (NOT included in Staples pre-ordered kits)

- 1 Package, Filler Paper, Wide Rule, 100 sheets/pack
- 1 Ruler
- 1 Protractor
- Working printer with ink

Name: _____

MATHEMATICS

SUMMER

PRACTICE

PACKET

GRADE 6

Directions: Please complete the attached worksheets over the summer and bring the packet to school on the first day.

SHOW ALL YOUR WORK ~ NO WORK ~ NO CREDIT (if more space is needed for your work, attach an extra paper, clearly numbered with page and example number)

DO NOT USE A CALCULATOR

Name _____ Date _____

Whole Numbers: Place Value, Compare, and Order

Algebra

Name the period of the underlined digits.

1. 234,837,925 _____ 2. 835,927,002 _____
3. 420,310,964 _____ 4. 667,026,514 _____

Write the place of the underlined digit. Then write its value.

5. 64,809,380 _____ 6. 1,256,867 _____
7. 516,090,212 _____ 8. 134,075,206 _____
9. 710,835 _____ 10. 6,491,686 _____
11. 837,601,425 _____ 12. 223,106,458 _____
13. 42,100,000 _____ 14. 305,817,902 _____

Write in order from least to greatest.

15. 1407; 14,027; 140,270; 1704 _____
16. 62,809; 62,900; 62,890; 62,908 _____
17. 1,429,027; 1,692,065; 104,803; 2,863,246 _____
18. 26,329,248; 27,329; 26,330,248; 26,330 _____
19. 140,328; 104,328; 140,823; 140,238 _____
20. 2,348,954; 948,657; 1,498,238; 84,969 _____

Write in order from greatest to least.

21. 2024; 2025; 3025; 3024 _____
22. 77,077; 780,171; 178,071; 1,778,081 _____
23. 69,001,521; 6,901,521; 69,520,101; 9,650,125 _____

Name _____ Date _____

Round Whole Numbers

Round each to the nearest ten.

- | | | | |
|-------------------|-------------------|-------------------|------------------|
| 1. 85 _____ | 2. 54 _____ | 3. 685 _____ | 4. 541 _____ |
| 5. 4384 _____ | 6. 3992 _____ | 7. 2978 _____ | 8. 4122 _____ |
| 9. 26,364 _____ | 10. 85,555 _____ | 11. 68,756 _____ | 12. 53,107 _____ |
| 13. 595,833 _____ | 14. 728,259 _____ | 15. 187,375 _____ | |

Round each to the nearest hundred.

- | | | | |
|-------------------|-------------------|-------------------|------------------|
| 16. 114 _____ | 17. 157 _____ | 18. 6861 _____ | 19. 2325 _____ |
| 20. 14,387 _____ | 21. 10,153 _____ | 22. 44,413 _____ | 23. 39,109 _____ |
| 24. 523,684 _____ | 25. 157,253 _____ | 26. 828,935 _____ | |

Round each to the nearest thousand.

- | | | |
|-------------------|-------------------|-------------------|
| 27. 1024 _____ | 28. 2438 _____ | 29. 1152 _____ |
| 30. 22,814 _____ | 31. 67,538 _____ | 32. 48,900 _____ |
| 33. 708,099 _____ | 34. 756,502 _____ | 35. 324,703 _____ |
| 36. 264,931 _____ | 37. 857,299 _____ | 38. 623,584 _____ |

Write the place to which each number was rounded.

- | | |
|----------------------------|------------------------------|
| 39. 3044 to 3040 _____ | 40. 2917 to 3000 _____ |
| 41. 58,246 to 58,200 _____ | 42. 617,489 to 617,500 _____ |
| 43. 23,569 to 23,570 _____ | 44. 153,706 to 154,000 _____ |
| 45. 12,035 to 12,000 _____ | 46. 827,012 to 827,000 _____ |

Round each to the given place. Circle the letter of the correct answer.

- | | | | |
|-------------------------------------|------------|------------|------------|
| 47. 45,361 to the nearest thousand | a. 45,000 | b. 45,300 | c. 45,400 |
| 48. 9456 to the nearest hundred | a. 9500 | b. 9460 | c. 9400 |
| 49. 26,185 to the nearest ten | a. 26,180 | b. 26,200 | c. 26,190 |
| 50. 517,365 to the nearest hundred | a. 517,000 | b. 517,300 | c. 517,400 |
| 51. 828,294 to the nearest thousand | a. 829,000 | b. 828,000 | c. 828,300 |

Name _____ Date _____

Factors, Multiples, and Divisibility

List all the factors of each number.

- | | | | |
|-----------------|-----------------|------------------|------------------|
| 1. 8
_____ | 2. 17
_____ | 3. 49
_____ | 4. 24
_____ |
| 5. 33
_____ | 6. 16
_____ | 7. 36
_____ | 8. 75
_____ |
| 9. 63
_____ | 10. 54
_____ | 11. 12
_____ | 12. 18
_____ |
| 13. 26
_____ | 14. 48
_____ | 15. 55
_____ | 16. 20
_____ |
| 17. 96
_____ | 18. 84
_____ | 19. 100
_____ | 20. 123
_____ |

List the first ten nonzero multiples of each number.

- | | |
|--------------|--------------|
| 21. 2 _____ | 22. 3 _____ |
| 23. 1 _____ | 24. 6 _____ |
| 25. 11 _____ | 26. 9 _____ |
| 27. 10 _____ | 28. 12 _____ |
| 29. 21 _____ | 30. 30 _____ |
| 31. 40 _____ | 32. 50 _____ |

Which numbers are divisible by 2? by 5? by 10?

- | | | | | |
|------------------|------------------|------------------|------------------|---------------|
| 33. 37 _____ | 34. 24 _____ | 35. 17 _____ | 36. 39 _____ | 37. 66 _____ |
| 38. 125 _____ | 39. 262 _____ | 40. 480 _____ | 41. 932 _____ | 42. 521 _____ |
| 43. 45 _____ | 44. 80 _____ | 45. 64 _____ | 46. 27 _____ | 47. 35 _____ |
| 48. 660 _____ | 49. 524 _____ | 50. 735 _____ | 51. 909 _____ | 52. 876 _____ |
| 53. 12,000 _____ | 54. 20,110 _____ | 55. 45,186 _____ | 56. 29,338 _____ | |
| 57. 8459 _____ | 58. 6950 _____ | 59. 3180 _____ | 60. 1793 _____ | |
| 61. 39,001 _____ | 62. 43,000 _____ | 63. 64,128 _____ | 64. 87,900 _____ | |

Name _____ Date _____

Decimals to Hundredths

Read each decimal. Then write the place and value of the underlined digit.

- | | |
|---------------------------|---------------------------|
| 1. 0. <u>7</u> _____ | 2. 6. <u>2</u> 4 _____ |
| 3. <u>3</u> 8.91 _____ | 4. 9. <u>0</u> 5 _____ |
| 5. 18. <u>3</u> 2 _____ | 6. 24. <u>5</u> 3 _____ |
| 7. 3. <u>0</u> 8 _____ | 8. <u>5</u> 4.64 _____ |
| 9. <u>7</u> 32.4 _____ | 10. 867. <u>6</u> 5 _____ |
| 11. <u>3</u> 0.08 _____ | 12. 500. <u>2</u> 6 _____ |
| 13. 609. <u>5</u> 9 _____ | 14. 25 <u>8</u> .1 _____ |
| 15. 0. <u>7</u> 5 _____ | 16. <u>6</u> 0.07 _____ |

Write each decimal.

- | | |
|--|--|
| 17. three tenths _____ | 18. sixty-one hundredths _____ |
| 19. nine hundredths _____ | 20. eight tenths _____ |
| 21. fifty-five and six tenths _____ | 22. nineteen and twelve hundredths _____ |
| 23. eight and seven hundredths _____ | 24. thirty-two and five tenths _____ |
| 25. eight hundred forty-seven and fifty-three hundredths _____ | |
| 26. five hundred seventy-nine and two hundredths _____ | |
| 27. nine hundred nine and one tenth _____ | |

Write the word name for each decimal.

- | | |
|------------------|----------------|
| 28. 0.6 _____ | 29. 0.12 _____ |
| 30. 0.2 _____ | 31. 0.48 _____ |
| 32. 0.09 _____ | 33. 1.3 _____ |
| 34. 56.7 _____ | |
| 35. 83.31 _____ | |
| 36. 128.04 _____ | |
| 37. 407.3 _____ | |
| 38. 200.26 _____ | |
| 39. 705.05 _____ | |
| 40. 630.17 _____ | |

Name _____ Date _____

Add Whole Numbers and Decimals

Estimate by rounding. Then add.

1.
$$\begin{array}{r} 532 \\ + 197 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 908 \\ + 46 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 2384 \\ + 4689 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 37,561 \\ + 26,082 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 17,836 \\ + 2,467 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 27,268 \\ + 14,243 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 103,259 \\ + 262,137 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 73,942 \\ + 2,009 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 74,608 \\ + 32,517 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 849,182 \\ + 617,007 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 456,126 \\ + 9,499 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 87,654 \\ + 585 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 18.38 \\ + 7.15 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 83.7 \\ + 4.34 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 9.29 \\ + 3.1 \\ \hline \end{array}$$

16.
$$\begin{array}{r} 51.8 \\ + 16.5 \\ \hline \end{array}$$

17.
$$\begin{array}{r} \$4.64 \\ + 3.95 \\ \hline \end{array}$$

18.
$$\begin{array}{r} \$57.06 \\ + 8.19 \\ \hline \end{array}$$

19.
$$\begin{array}{r} \$75.98 \\ + 14.89 \\ \hline \end{array}$$

20.
$$\begin{array}{r} \$25.15 \\ + 61.38 \\ \hline \end{array}$$

21.
$$\begin{array}{r} 0.69 \\ 1.87 \\ + 3.2 \\ \hline \end{array}$$

22.
$$\begin{array}{r} 8.48 \\ 0.3 \\ + 6.27 \\ \hline \end{array}$$

23.
$$\begin{array}{r} 0.05 \\ 1.71 \\ + 8.23 \\ \hline \end{array}$$

24.
$$\begin{array}{r} \$10.99 \\ 1.46 \\ + 5.19 \\ \hline \end{array}$$

Align and estimate by rounding. Then add.

25. $467 + 895 =$ _____

26. $126 + 79 =$ _____

27. $1699 + 5732 =$ _____

28. $9081 + 61,482 =$ _____

29. $84,207 + 3,659 =$ _____

30. $176,505 + 32,899 =$ _____

31. $64.98 + 8.32 =$ _____

32. $0.6 + 53.1 + 0.11 =$ _____

33. $\$38.25 + \$41.93 + \$7.08 =$ _____

34. $\$6.92 + \$18.46 + \$24.48 =$ _____

Name _____ Date _____

Subtract Whole Numbers

Estimate by rounding. Then subtract.

- | | | | | |
|--|---|---|--|---|
| 1. $\begin{array}{r} 138 \\ - 79 \\ \hline \end{array}$ | 2. $\begin{array}{r} 856 \\ - 28 \\ \hline \end{array}$ | 3. $\begin{array}{r} 632 \\ - 179 \\ \hline \end{array}$ | 4. $\begin{array}{r} 1265 \\ - 484 \\ \hline \end{array}$ | 5. $\begin{array}{r} 800 \\ - 240 \\ \hline \end{array}$ |
| 6. $\begin{array}{r} 7587 \\ - 3612 \\ \hline \end{array}$ | 7. $\begin{array}{r} 453 \\ - 75 \\ \hline \end{array}$ | 8. $\begin{array}{r} 527 \\ - 248 \\ \hline \end{array}$ | 9. $\begin{array}{r} 4524 \\ - 395 \\ \hline \end{array}$ | 10. $\begin{array}{r} 2675 \\ - 320 \\ \hline \end{array}$ |
| 11. $\begin{array}{r} 9812 \\ - 7464 \\ \hline \end{array}$ | 12. $\begin{array}{r} 8751 \\ - 4392 \\ \hline \end{array}$ | 13. $\begin{array}{r} 32,345 \\ - 28,888 \\ \hline \end{array}$ | 14. $\begin{array}{r} 38,416 \\ - 6,518 \\ \hline \end{array}$ | 15. $\begin{array}{r} 956,231 \\ - 629,555 \\ \hline \end{array}$ |
| 16. $\begin{array}{r} 0.73 \\ - 0.16 \\ \hline \end{array}$ | 17. $\begin{array}{r} 0.9 \\ - 0.2 \\ \hline \end{array}$ | 18. $\begin{array}{r} 0.5 \\ - 0.06 \\ \hline \end{array}$ | 19. $\begin{array}{r} 0.84 \\ - 0.2 \\ \hline \end{array}$ | 20. $\begin{array}{r} 0.45 \\ - 0.41 \\ \hline \end{array}$ |
| 21. $\begin{array}{r} 15.79 \\ - 10.63 \\ \hline \end{array}$ | 22. $\begin{array}{r} 29.5 \\ - 4.7 \\ \hline \end{array}$ | 23. $\begin{array}{r} 68.1 \\ - 17.38 \\ \hline \end{array}$ | 24. $\begin{array}{r} 59.7 \\ - 8.04 \\ \hline \end{array}$ | 25. $\begin{array}{r} 81.17 \\ - 9.5 \\ \hline \end{array}$ |
| 26. $\begin{array}{r} \$90.57 \\ - 4.39 \\ \hline \end{array}$ | 27. $\begin{array}{r} \$5.16 \\ - 0.99 \\ \hline \end{array}$ | 28. $\begin{array}{r} \$28.24 \\ - 26.09 \\ \hline \end{array}$ | 29. $\begin{array}{r} \$17.49 \\ - 8.57 \\ \hline \end{array}$ | 30. $\begin{array}{r} \$77.66 \\ - 25.09 \\ \hline \end{array}$ |

Align and estimate by rounding. Then subtract.

- | | |
|-------------------------------|---------------------------------|
| 31. $2445 - 1986 =$ _____ | 32. $8458 - 2879 =$ _____ |
| 33. $24,145 - 16,958 =$ _____ | 34. $746,231 - 527,854 =$ _____ |
| 35. $4.15 - 0.7 =$ _____ | 36. $9.5 - 6.86 =$ _____ |
| 37. $37.6 - 0.08 =$ _____ | 38. $93.8 - 5.81 =$ _____ |

Name _____ Date _____

Inverse Operations

Algebra

Find the missing number using inverse operations.

1. $7 + a = 11$

2. $16 + n = 57$

3. $73 + g = 112$

4. $b + 327 = 509$

5. $\$83.97 + y = \95.00

6. $h + \$739 = \6892

7. $r - 37 = 35$

8. $32 - j = 21$

9. $t - \$41.75 = \32.00

10. $52 - t = 38$

11. $329 - s = 298$

12. $\$93,250 - k = \$52,500$

13. $86 \times r = 774$

14. $y \times 27 = 1215$

15. $168 \times s = 672$

16. $75b = \$225$

17. $42t = 294$

18. $17c = \$680$

19. $a \div 6 = 8$

20. $p \div 7 = 56$

21. $v \div 9 = 75$

22. $d \div 3 = \$499$

23. $n \div 5 = 135$

24. $y \div 80 = 254$

Name _____ Date _____

Properties of Addition and Multiplication

Name the property of addition or multiplication used.

1. $67 + 36 + 21 = 21 + 67 + 36$

2. $(17 \times 5) \times 4 = 17 \times (5 \times 4)$

3. $(48 + 9) + 6 = 48 + (9 + 6)$

4. $18 + 0 = 18$

5. $82 \times 0 = 0$

6. $73 \times 1 = 73$

7. $(28 + 36) + 5 = 28 + (36 + 5)$

8. $59 + 78 = 78 + 59$

9. $6 \times (14 \times 23) = (6 \times 14) \times 23$

10. $1 \times 96 = 96$

11. $32 \times 17 = 17 \times 32$

12. $32 + 17 = 17 + 32$

13. $0 \times 46 = 0$

14. $0 + 74 = 74$

Match the correct property of addition or multiplication with each exercise.

15. $83 + 11 + 92 = 11 + 92 + 83$

a. Associative Property of Addition

16. $68 \times (17 \times 23) = (68 \times 17) \times 23$

b. Associative Property of Multiplication

17. $11,329 \times 1 = 11,329$

c. Commutative Property of Addition

d. Commutative Property of Multiplication

18. $86 \times 21 \times 54 = 21 \times 54 \times 86$

e. Identity Property of Addition

f. Identity Property of Multiplication

g. Zero Property of Multiplication

Name _____ Date _____

Multiply by 1 - and 2-Digit Numbers

Estimate by rounding. Then find the product.

1.
$$\begin{array}{r} 18 \\ \times 7 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 52 \\ \times 5 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 93 \\ \times 8 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 647 \\ \times 8 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 237 \\ \times 9 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 80 \\ \times 5 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 75 \\ \times 6 \\ \hline \end{array}$$

8.
$$\begin{array}{r} \$3.99 \\ \times 3 \\ \hline \end{array}$$

9.
$$\begin{array}{r} \$2.07 \\ \times 8 \\ \hline \end{array}$$

10.
$$\begin{array}{r} \$4.09 \\ \times 7 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 729 \\ \times 6 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 324 \\ \times 4 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 778 \\ \times 5 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 456 \\ \times 4 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 479 \\ \times 3 \\ \hline \end{array}$$

16.
$$\begin{array}{r} 276 \\ \times 5 \\ \hline \end{array}$$

17.
$$\begin{array}{r} 532 \\ \times 8 \\ \hline \end{array}$$

18.
$$\begin{array}{r} 124 \\ \times 7 \\ \hline \end{array}$$

19.
$$\begin{array}{r} 896 \\ \times 9 \\ \hline \end{array}$$

20.
$$\begin{array}{r} \$1.42 \\ \times 2 \\ \hline \end{array}$$

21.
$$\begin{array}{r} 48 \\ \times 27 \\ \hline \end{array}$$

22.
$$\begin{array}{r} 79 \\ \times 84 \\ \hline \end{array}$$

23.
$$\begin{array}{r} \$95 \\ \times 77 \\ \hline \end{array}$$

24.
$$\begin{array}{r} \$47 \\ \times 39 \\ \hline \end{array}$$

25.
$$\begin{array}{r} \$75 \\ \times 63 \\ \hline \end{array}$$

26.
$$\begin{array}{r} 24 \\ \times 56 \\ \hline \end{array}$$

27.
$$\begin{array}{r} 65 \\ \times 18 \\ \hline \end{array}$$

28.
$$\begin{array}{r} 34 \\ \times 48 \\ \hline \end{array}$$

29.
$$\begin{array}{r} \$56 \\ \times 92 \\ \hline \end{array}$$

30.
$$\begin{array}{r} \$16 \\ \times 88 \\ \hline \end{array}$$

31.
$$\begin{array}{r} 352 \\ \times 87 \\ \hline \end{array}$$

32.
$$\begin{array}{r} 914 \\ \times 62 \\ \hline \end{array}$$

33.
$$\begin{array}{r} 725 \\ \times 46 \\ \hline \end{array}$$

34.
$$\begin{array}{r} \$8.49 \\ \times 63 \\ \hline \end{array}$$

35.
$$\begin{array}{r} \$5.58 \\ \times 39 \\ \hline \end{array}$$

36. $9 \times 193 =$ _____

37. $6 \times 819 =$ _____

38. $24 \times 347 =$ _____

39. $3 \times \$84 =$ _____

40. $8 \times \$2.55 =$ _____

41. $15 \times \$7.29 =$ _____

42. $15 \times 24 =$ _____

43. $92 \times 83 =$ _____

44. $27 \times \$88 =$ _____

Name _____ Date _____

Trial Quotients

In each exercise, write whether the given quotient digit is *correct* or *too large*.

$$1. \begin{array}{r} 7 \\ 55 \overline{)394} \end{array}$$

$$2. \begin{array}{r} 5 \\ 76 \overline{)342} \end{array}$$

$$3. \begin{array}{r} 4 \\ 27 \overline{)107} \end{array}$$

$$4. \begin{array}{r} 2 \\ 56 \overline{)145} \end{array}$$

$$5. \begin{array}{r} 8 \\ 18 \overline{)129} \end{array}$$

$$6. \begin{array}{r} 8 \\ 39 \overline{)331} \end{array}$$

$$7. \begin{array}{r} 9 \\ 19 \overline{)159} \end{array}$$

$$8. \begin{array}{r} 3 \\ 42 \overline{)125} \end{array}$$

$$9. \begin{array}{r} 8 \\ 51 \overline{)416} \end{array}$$

$$10. \begin{array}{r} 5 \\ 32 \overline{)128} \end{array}$$

$$11. \begin{array}{r} 5 \\ 26 \overline{)132} \end{array}$$

$$12. \begin{array}{r} 8 \\ 33 \overline{)265} \end{array}$$

Estimate to find the missing digit in the quotient. Complete the division.

$$13. \begin{array}{r} 5? \\ 38 \overline{)2275} \\ -190 \\ \hline 375 \end{array}$$

$$14. \begin{array}{r} 8? \\ 81 \overline{)6943} \\ -648 \\ \hline 463 \end{array}$$

$$15. \begin{array}{r} 6? \\ 26 \overline{)1816} \\ -156 \\ \hline 256 \end{array}$$

$$16. \begin{array}{r} 7? \\ 68 \overline{)5132} \\ -476 \\ \hline 372 \end{array}$$

$$17. \begin{array}{r} 41? \\ 19 \overline{)7840} \\ -76 \\ \hline 24 \\ -19 \\ \hline 50 \end{array}$$

$$18. \begin{array}{r} 53? \\ 11 \overline{)5912} \\ -55 \\ \hline 41 \\ -33 \\ \hline 82 \end{array}$$

$$19. \begin{array}{r} 58? \\ 76 \overline{)44,372} \\ -380 \\ \hline 637 \\ -608 \\ \hline 292 \end{array}$$

$$20. \begin{array}{r} 32? \\ 87 \overline{)28,436} \\ -261 \\ \hline 233 \\ -174 \\ \hline 596 \end{array}$$

PROBLEM SOLVING

21. Donovan, Maria, and Rob are dividing 2813 by 79. Donovan says the first digit of the quotient is 2. Maria says it is 3, and Rob says it is 4. Who is correct?

Name _____ Date _____

Divide Whole Numbers

Estimate by using compatible numbers. Then find the quotient.

1. $6 \overline{)71}$

2. $4 \overline{)69}$

3. $7 \overline{)437}$

4. $8 \overline{)\$6.48}$

5. $45 \overline{)785}$

6. $33 \overline{)596}$

7. $24 \overline{)658}$

8. $52 \overline{)\$8.84}$

9. $18 \overline{)2453}$

10. $67 \overline{)2165}$

11. $98 \overline{)9988}$

12. $76 \overline{)\$93.48}$

13. $87 \overline{)3175}$

14. $29 \overline{)8693}$

15. $41 \overline{)3462}$

16. $16 \overline{)\$15.20}$

PROBLEM SOLVING

17. A school paid \$62.25 for 25 identical paintbrushes.
What did each paintbrush cost?

18. Each tour bus carries 35 passengers. If 1470 people
sign up for a local tour, how many full buses
will there be?

Name _____ Date _____

Add and Subtract Fractions: Like Denominators

Add or subtract the fractions. Write each answer in simplest form.

$$\begin{array}{r} 1. \quad \frac{2}{7} \\ + \frac{3}{7} \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad \frac{4}{15} \\ + \frac{6}{15} \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad \frac{2}{8} \\ + \frac{3}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad \frac{3}{10} \\ + \frac{2}{10} \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad \frac{1}{3} \\ + \frac{1}{3} \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad \frac{6}{12} \\ + \frac{2}{12} \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad \frac{5}{8} \\ + \frac{5}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad \frac{3}{6} \\ + \frac{4}{6} \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad \frac{1}{2} \\ + \frac{1}{2} \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad \frac{2}{5} \\ + \frac{2}{5} \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad \frac{4}{10} \\ + \frac{5}{10} \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad \frac{1}{4} \\ + \frac{2}{4} \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad \frac{5}{12} \\ - \frac{2}{12} \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad \frac{8}{10} \\ - \frac{1}{10} \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad \frac{4}{5} \\ - \frac{2}{5} \\ \hline \end{array}$$

$$\begin{array}{r} 16. \quad \frac{5}{6} \\ - \frac{1}{6} \\ \hline \end{array}$$

$$\begin{array}{r} 17. \quad \frac{6}{8} \\ - \frac{4}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 18. \quad \frac{2}{3} \\ - \frac{1}{3} \\ \hline \end{array}$$

$$\begin{array}{r} 19. \quad \frac{3}{4} \\ - \frac{1}{4} \\ \hline \end{array}$$

$$\begin{array}{r} 20. \quad \frac{6}{7} \\ - \frac{5}{7} \\ \hline \end{array}$$

$$\begin{array}{r} 21. \quad \frac{7}{9} \\ - \frac{4}{9} \\ \hline \end{array}$$

$$\begin{array}{r} 22. \quad \frac{9}{10} \\ - \frac{3}{10} \\ \hline \end{array}$$

$$\begin{array}{r} 23. \quad \frac{2}{3} \\ - \frac{2}{3} \\ \hline \end{array}$$

$$\begin{array}{r} 24. \quad \frac{11}{15} \\ - \frac{3}{15} \\ \hline \end{array}$$

$$25. \quad \frac{4}{8} + \frac{6}{8} = \underline{\hspace{2cm}}$$

$$26. \quad \frac{3}{6} + \frac{5}{6} = \underline{\hspace{2cm}}$$

$$27. \quad \frac{2}{3} + \frac{1}{3} = \underline{\hspace{2cm}}$$

$$28. \quad \frac{8}{15} + \frac{10}{15} = \underline{\hspace{2cm}}$$

$$29. \quad \frac{11}{20} + \frac{13}{20} = \underline{\hspace{2cm}}$$

$$30. \quad \frac{7}{10} + \frac{9}{10} = \underline{\hspace{2cm}}$$

$$31. \quad \frac{4}{5} + \frac{1}{5} = \underline{\hspace{2cm}}$$

$$32. \quad \frac{9}{16} + \frac{12}{16} = \underline{\hspace{2cm}}$$

$$33. \quad \frac{5}{25} + \frac{10}{25} = \underline{\hspace{2cm}}$$

$$34. \quad \frac{14}{15} - \frac{9}{15} = \underline{\hspace{2cm}}$$

$$35. \quad \frac{9}{10} - \frac{7}{10} = \underline{\hspace{2cm}}$$

$$36. \quad \frac{2}{4} - \frac{1}{4} = \underline{\hspace{2cm}}$$

$$37. \quad \frac{8}{10} - \frac{4}{10} = \underline{\hspace{2cm}}$$

$$38. \quad \frac{5}{9} - \frac{3}{9} = \underline{\hspace{2cm}}$$

$$39. \quad \frac{10}{12} - \frac{8}{12} = \underline{\hspace{2cm}}$$

$$40. \quad \frac{3}{5} - \frac{2}{5} = \underline{\hspace{2cm}}$$

$$41. \quad \frac{5}{6} - \frac{2}{6} = \underline{\hspace{2cm}}$$

$$42. \quad \frac{7}{8} - \frac{7}{8} = \underline{\hspace{2cm}}$$

Make Pictographs

Solve. Use the pictograph at the right.

1. What does each  represent? _____
2. How many symbols were used for swimming? for jogging? _____
3. How many more people chose jogging than chose swimming? _____
4. Which sport is the favorite of between 20 and 30 people? _____
5. How many people in all does the pictograph represent? _____
6. Describe what this pictograph would look like if each symbol stood for 1 person or for 5 people. _____

Favorite Outdoor Sports	
swimming	  
jogging	   
bicycling	     
tennis	 
Key: Each  = 10 people.	

Use the table to complete the pictograph. Then answer questions 7–11 about the graph.

National Park	Area (acres)
Arches	73,379
Biscayne	173,039
Channel Islands	249,354
Grand Teton	310,521
Mesa Verde	52,085
Zion	146,598

Areas of National Parks	
Arches	 
Biscayne	   
Channel Islands	    
Grand Teton	     
Mesa Verde	
Zion	  
Key: Each  = 50,000 acres.	

7. What is the title of the pictograph? _____
8. What does  represent? _____
9. Which park is the largest? _____
10. About how many acres less is Zion than Biscayne? _____
11. About how many acres more is Biscayne than Arches? _____

Make a pictograph for the set of data on a separate sheet of paper.

12.

Mountain	Height (feet)
Ararat	16,804
Everest	29,028
Kanjiroba	22,580
Lhotse	27,560
Makalu 11	25,120
Minya Konka	24,900

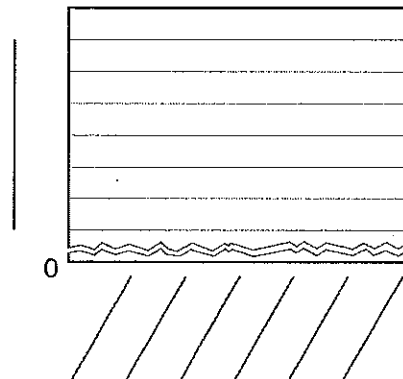
Name _____ Date _____

Make Bar Graphs

Make a vertical bar graph to display the data in the table.

1.

Zoological Parks	
City	Acreage
Tucson, AZ	30
Dallas, TX	70
Denver, CO	80
Houston, TX	55
Los Angeles, CA	80
Chicago, IL	35



Solve. Use the graph you made to answer each question.

2. What interval did you use to make the graph? Why?

3. Which two cities have bars of the same length? _____

4. How many fewer acres does the zoological park in Chicago have than the zoological park in Dallas? _____

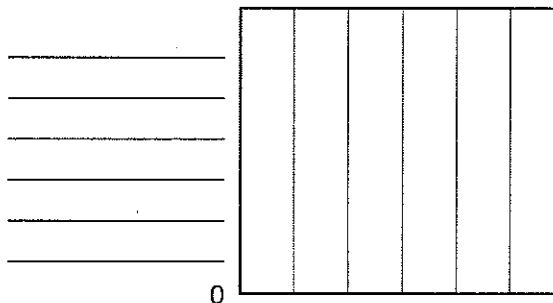
5. What information can be found along the horizontal axis? the vertical axis? _____

6. From this data, how many cities have zoological parks with more than 50 acres? Which cities are they? _____

Make a horizontal bar graph to display the data in the table below.

7.

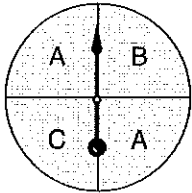
Length of Town Roads	
Road	Length in Miles
Main	22
East	14
North	10
Wildcat	19
Eagle Pass	15
Long Ridge	20

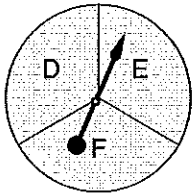


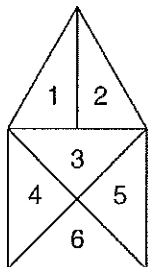
Name _____ Date _____

Equally/Not Equally Likely Outcomes

For each experiment list the possible outcomes. Then write whether the outcomes are *equally likely* or *not equally likely*.

1.  _____

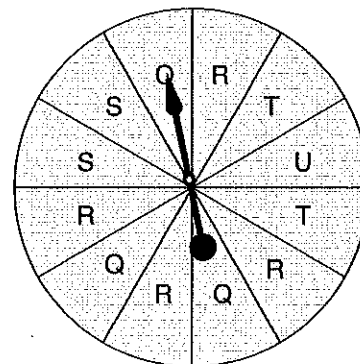
2.  _____

3. Toss a marker on the figure.  _____

4. A bowl contains 8 marbles: 2 white, 2 red, 2 orange, and 2 black. Choose a marble without looking. _____

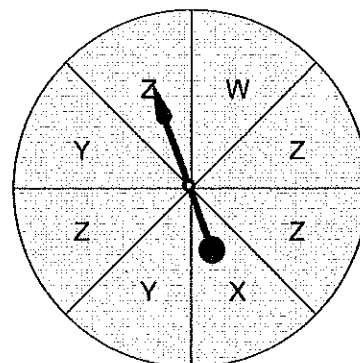
Use the spinner on the right to find the probability of the spinner landing on:

5. T _____
6. Q _____
7. S _____
8. U _____
9. R _____



Use the spinner on the right to find the probability of the spinner landing on:

10. Y _____
11. X _____
12. W _____
13. Z _____



Name _____ Date _____

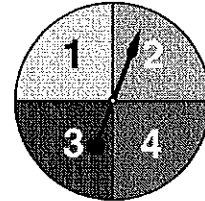
List Outcomes

Make a list of all possible outcomes for each experiment.
Then write the total number of outcomes.

1. Toss two coins.

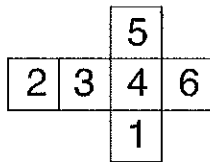


2. Toss a coin and spin the spinner.



3. Pick a card and toss a 1–6 number cube.

YES



NO

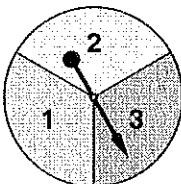
4. Toss a coin and pick a card without looking.

YES

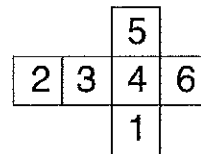
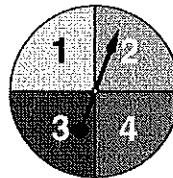


NO

5. Spin the spinner and toss a coin without looking.



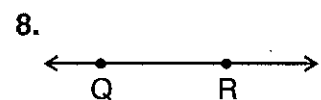
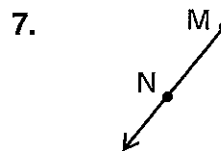
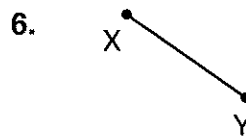
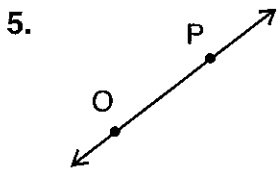
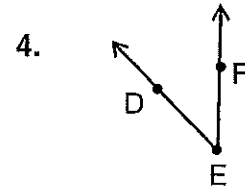
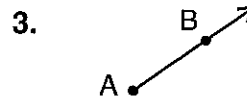
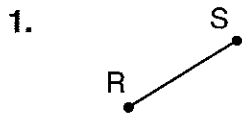
6. Spin the spinner and toss a 1–6 number cube.



Name _____ Date _____

Geometric Figures

Identify each figure. Then name it using symbols.



Draw each.

9. point P

10. $\overline{ST}$

11. $\vec{EF}$

12. $\angle XYZ$

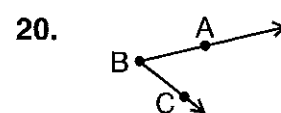
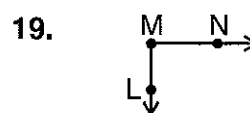
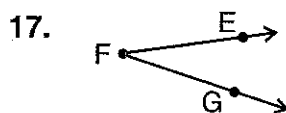
13. plane PQR

14. $\overleftrightarrow{MN}$

15. $\overline{AB}$

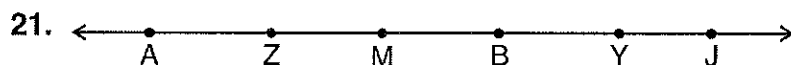
16. $\vec{ZA}$

Name each angle three ways.



Write as many names as you can for the line below.

(Hint: A line is named by using any two of its points in any order.)

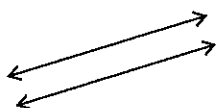


Name _____ Date _____

Lines: Intersecting and Parallel

Identify each pair of geometric figures as *intersecting* or *parallel*.

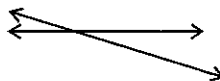
1.



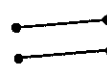
2.



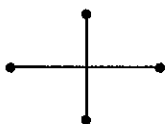
3.



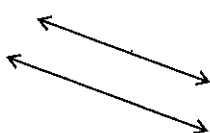
4.



5.



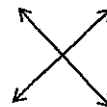
6.



7.



8.



Draw each.

9. two parallel lines

10. two intersecting rays

11. $\overleftrightarrow{AB} \parallel \overleftrightarrow{CD}$

12. $\overline{XY} \parallel \overline{RS}$

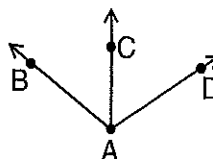
13. $\overline{GH}$ and $\overline{JK}$ that do not intersect

14. $\overline{PQ}$ intersecting $\overline{RS}$ at point T

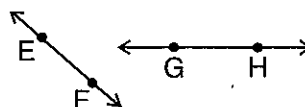
15. 3 lines intersecting at point X

PROBLEM SOLVING

16. Look at the figure at the right. Are $\overleftrightarrow{AB}$, $\overleftrightarrow{AC}$, and $\overleftrightarrow{AD}$ intersecting, parallel, or neither? Explain your answer.



17. Use the figure at the right. Are $\overleftrightarrow{EF}$ and $\overleftrightarrow{GH}$ intersecting, parallel, or neither? Explain your answer.

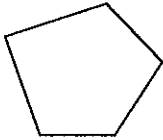


Name _____ Date _____

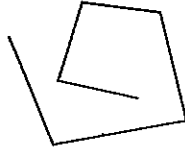
Polygons

Decide if each figure is a polygon. Write **Yes** or **No**. Then name the polygon.

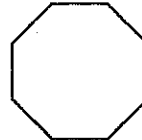
1.



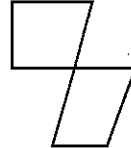
2.



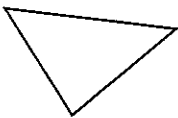
3.



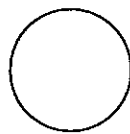
4.



5.



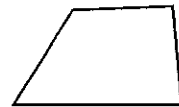
6.



7.



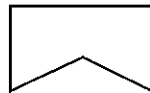
8.



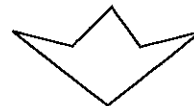
9.



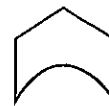
10.



11.



12.



Write **True** or **False** for each statement.

13. A vertex of a polygon is a point where any two of its sides meet.

14. An octagon has 4 sides and 4 vertices.

15. Any side of a polygon is a line segment.

16. The number of sides of a polygon is equal to the number of its vertices.

17. Some polygons have a greater number of angles than sides.

PROBLEM SOLVING

18. A polygon has 3 sides, 3 angles, and 3 vertices.
What kind of polygon is it?

19. A polygon has 5 angles and 5 vertices. How many
sides does it have? What kind of polygon is it?

20. A polygon has 8 vertices. How many angles does
it have? how many sides? What kind of polygon is it?

Name _____ Date _____

Metric Units of Length

Use *mm*, *cm*, *dm*, *m*, or *km* to complete each sentence.

1. The height of a mug is about 1 _____.
2. The width of a computer keyboard is about 45 _____.
3. The length of a wallet-size photo is about 75 _____.
4. One long race in the Olympics is a distance of 10,000 _____.
5. The distance between Boston, MA and New York, NY is about 160 _____.
6. The length of a jumbo paper clip is about 45 _____.
7. The diameter of a dinner plate is about 25 _____.
8. The length of a standard baseball bat is about 1 _____.
9. The length of a standard sheet of paper is about 3 _____.
10. The width of a room-size carpet is about 3 _____.

Write *mm*, *cm*, *dm*, *m*, or *km* for the unit you would use to measure each.

- | | |
|--------------------------------|------------------------------------|
| 11. height of a doorway _____ | 12. length of an ant _____ |
| 13. width of a book _____ | 14. length of a soccer field _____ |
| 15. distance to Europe _____ | 16. height of a kitten _____ |
| 17. thickness of a penny _____ | 18. width of a window _____ |

Circle the letter of the best estimate.

- | | | | |
|--------------------------------|----------|----------|----------|
| 19. width of a piece of tape | a. 20 dm | b. 20 cm | c. 20 mm |
| 20. height of a wall in a room | a. 3 km | b. 3 dm | c. 3 m |
| 21. length of a honeybee | a. 21 mm | b. 21 cm | c. 21 dm |
| 22. height of a bicycle | a. 7 cm | b. 7 dm | c. 7 m |

PROBLEM SOLVING

23. Alonzo is putting a fence around his garden. Should he buy 10 dm, 10m, or 10 km of fencing? _____
24. Duong needs to tie a ribbon around her waist to complete her costume. Should she use 70 mm, 70 cm, or 70 dm of ribbon? _____

Name _____ Date _____

Metric Units of Capacity and Mass

Which metric unit of capacity is better to measure each? Write *mL* or *L*.

- | | | |
|---------------|-------------------|----------------------|
| 1. sink _____ | 2. teaspoon _____ | 3. oil tank _____ |
| 4. cup _____ | 5. bucket _____ | 6. wading pool _____ |

Which metric unit of mass is better to measure each? Write *g* or *kg*.

- | | | |
|-----------------------|--------------------|------------------|
| 7. television _____ | 8. feather _____ | 9. apple _____ |
| 10. human being _____ | 11. scissors _____ | 12. meteor _____ |

Multiply or divide to rename each unit.

- | | | |
|-------------------------|-------------------------|-------------------------|
| 13. 17 000 mL = _____ L | 14. 10 kg = _____ g | 15. 6 L = _____ mL |
| 16. 8000 g = _____ kg | 17. 3000 mL = _____ L | 18. 25 kg = _____ g |
| 19. 13 L = _____ mL | 20. 40 000 g = _____ kg | 21. 10 000 mL = _____ L |
| 22. 2 kg = _____ g | 23. 5 L = _____ mL | 24. 33 000 g = _____ kg |
| 25. 57 000 mL = _____ L | 26. 9 kg = _____ g | 27. 41 L = _____ mL |
| 28. 50 000 g = _____ kg | 29. 75 000 mL = _____ L | 30. 90 kg = _____ g |

PROBLEM SOLVING

31. A beaker in the science lab holds 2000 mL of distilled water. How many liters of water does it hold?

32. A rock brought back from the moon has a mass of 8 kg. What is its mass in grams?

33. A cafeteria chef uses 6 L of chicken broth to make chicken stew. How many milliliters of chicken broth does he use?

34. The chef puts 2000 g of cooked chicken into his stew. How many kilograms of chicken does he use?

35. During the first lunch period, students drink 13 000 mL of milk. How many liters of milk do they drink?

36. If the students in the cafeteria eat 10 000 g of carrots, how many kilograms of carrots do they eat?

Name _____ Date _____

Customary Units of Length

Circle the letter of the most reasonable estimate.

- | | | | |
|--|------------|-----------|-----------|
| 1. width of a football field | a. 55 ft | b. 55 yd | c. 55 mi |
| 2. length of a dollar bill | a. 6 in. | b. 6 ft | c. 6 yd |
| 3. distance from home plate to first base | a. 90 in. | b. 90 ft | c. 90 yd |
| 4. length of a foot race | a. 220 in. | b. 220 mi | c. 220 yd |
| 5. height of a window | a. 48 ft | b. 48 in. | c. 48 yd |
| 6. distance from Chicago, IL to Boston, MA | a. 963 ft | b. 963 yd | c. 963 mi |

Write *in.*, *ft*, *yd*, or *mi* for the unit you would use to measure each.

- | | |
|---------------------------------|--------------------------------|
| 7. width of a tablecloth _____ | 8. length of a room _____ |
| 9. height of a person _____ | 10. length of a car _____ |
| 11. width of a photograph _____ | 12. height of a mountain _____ |
| 13. thickness of a book _____ | 14. distance to Mars _____ |

Multiply or divide to rename each unit.

- | | | |
|------------------------|--------------------------|-----------------------------------|
| 15. 6 ft = _____ in. | 16. 108 in. = _____ yd | 17. 3 mi = _____ ft |
| 18. 36 ft = _____ yd | 19. 10 yd = _____ ft | 20. 144 in. = _____ ft |
| 21. 7040 yd = _____ mi | 22. 15 ft = _____ in. | 23. 360 in. = _____ yd |
| 24. 8 yd = _____ ft | 25. 10 560 ft = _____ mi | 26. 240 in. = _____ ft |
| 27. 252 in. = _____ yd | 28. 20 yd = _____ in. | 29. $8\frac{1}{2}$ ft = _____ in. |

PROBLEM SOLVING

30. Jason's sister is exactly 5 ft tall. How many inches tall is she? _____
31. A straight road is 5 mi long. How many yards long is it? how many feet long? _____
32. A bed sheet is 108 in. long. How many feet long is it? _____
33. Tahn rode his bicycle 10,560 yd. How many miles did he ride? _____
34. A corridor in the library is 9 yd long. How many feet long is it? how many inches? _____

Name _____ Date _____

Customary Units of Capacity and Weight

Circle the letter of the most reasonable estimate.

- | | | | |
|----------------------------------|---------------|--------------|-------------|
| 1. capacity of a large glass | a. 1 fl oz | b. 1 c | c. 1 pt |
| 2. weight of a newborn baby | a. 7 T | b. 7 oz | c. 7 lb |
| 3. capacity of a bucket | a. 5 fl oz | b. 5 pt | c. 5 gal |
| 4. capacity of a bottle of juice | a. 28 c | b. 28 pt | c. 28 fl oz |
| 5. capacity of a swimming pool | a. 16,500 gal | b. 16,500 qt | c. 16,500 c |
| 6. weight of a math book | a. 2 oz | b. 2 lb | c. 2 T |

Write *fl oz*, *c*, *pt*, *qt*, or *gal* for the unit you would use to measure the capacity of each.

- | | | |
|--------------------------|----------------------------|-----------------------|
| 7. tablespoon _____ | 8. car gasoline tank _____ | 9. bowl of soup _____ |
| 10. large saucepot _____ | 11. aquarium _____ | 12. juice glass _____ |

Write *oz*, *lb*, or *T* for the unit you would use to measure the weight of each.

- | | | |
|--------------------|--------------------|----------------------------|
| 13. dog _____ | 14. airplane _____ | 15. human being _____ |
| 16. crayon _____ | 17. computer _____ | 18. can of tuna fish _____ |
| 19. elephant _____ | 20. chair _____ | 21. banana _____ |

Multiply or divide to rename each unit.

- | | | |
|----------------------------------|------------------------|----------------------|
| 22. 8 qt = _____ gal | 23. 5 lb = _____ oz | 24. 6 pt = _____ c |
| 25. 5 T = _____ lb | 26. 88 fl oz = _____ c | 27. 80 oz = _____ lb |
| 28. 16 c = _____ qt | 29. 8,000 lb = _____ T | 30. 3 gal = _____ pt |
| 31. $2\frac{1}{2}$ lb = _____ oz | 32. 5 c = _____ fl oz | 33. 10 qt = _____ c |

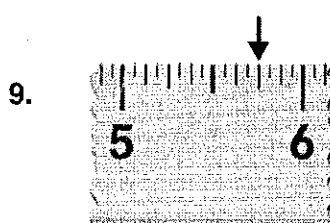
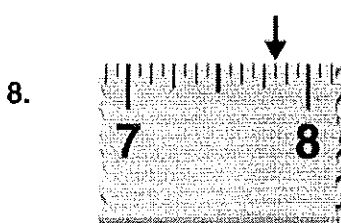
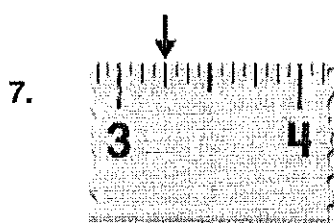
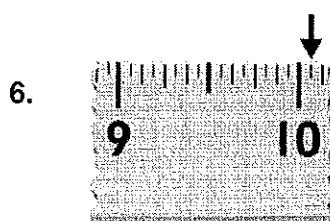
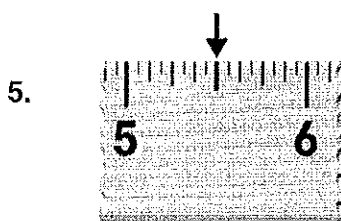
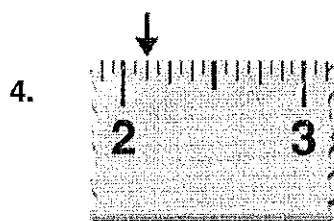
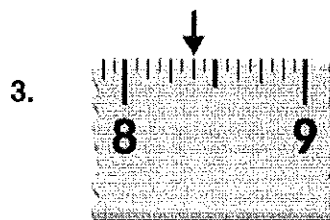
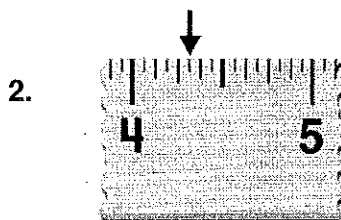
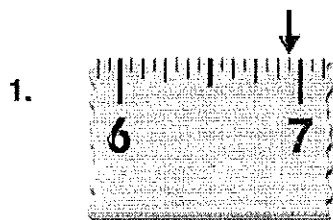
PROBLEM SOLVING

34. Ramsey bought 3 lb of peaches. If each peach weighs 6 oz, how many peaches did he buy? _____
35. Kate's punch bowl holds $3\frac{1}{2}$ gal of liquid. How many quarts of liquid does it hold? _____
36. Ms. Gold bought 400 oz of potatoes. How many pounds of potatoes did she buy? _____
37. A restaurant ordered 8 gal of milk. The distributor delivered 32 qt of milk. Did the restaurant get what it ordered? _____

Name _____ Date _____

Read an Inch Ruler

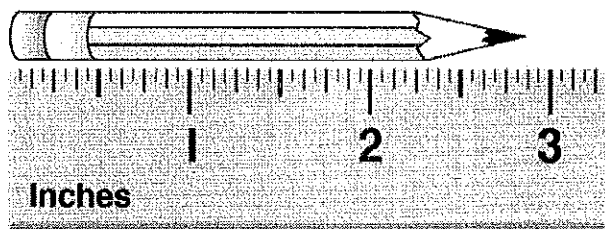
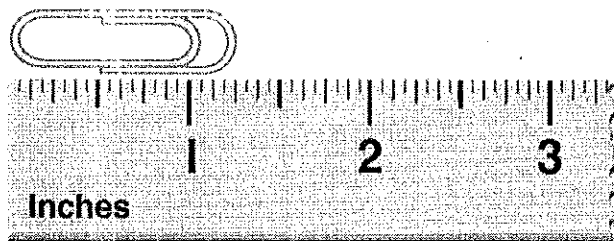
Read each length and record it in lowest terms.
Then give the length in as many ways as you can.



Measure each item and write the length in lowest terms.

10. _____

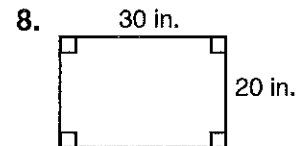
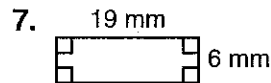
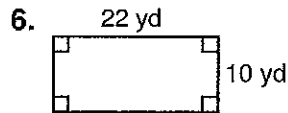
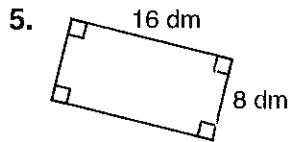
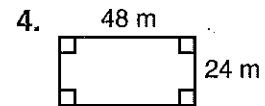
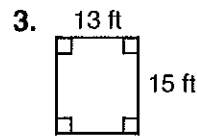
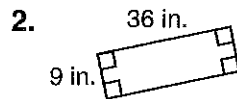
11. _____



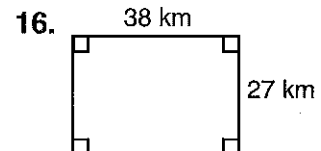
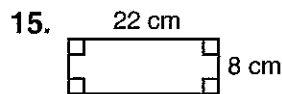
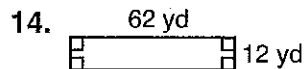
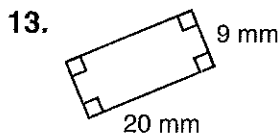
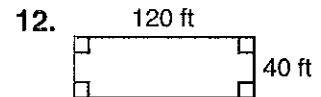
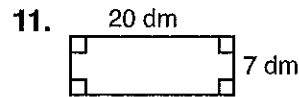
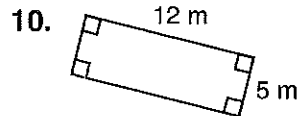
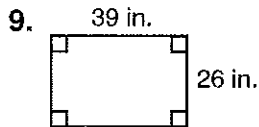
Name _____ Date _____

Perimeter and Area of Rectangles

Find the perimeter of each rectangle. Use the perimeter formula.



Find the area of each rectangle. Use the area formula.



PROBLEM SOLVING

17. The floor of Willy's living room is a rectangle that is 17 ft long and 11 ft wide. What is the area of the floor? the perimeter? _____
18. What is the area of the rectangle in exercise 3? the perimeter of the rectangle in exercise 14? _____
19. Tanya mounted a photo that was 4 in. wide and 6 in. long on a sheet of paper. There is 1 inch of the paper showing all around the photo. What is the perimeter of the sheet of paper? _____
20. Each of three rectangles has an area of 24 sq in. Do they have to have the same perimeter? Explain. _____

French Summer Work

Gr. 5-8

Please read and try to memorize.

Lire et essayer de mémoriser.

(You can find the correct pronunciations on YouTube)

Signe de croix - Sign of the Cross

Au nom du père, du fils et du saint esprit. Amen

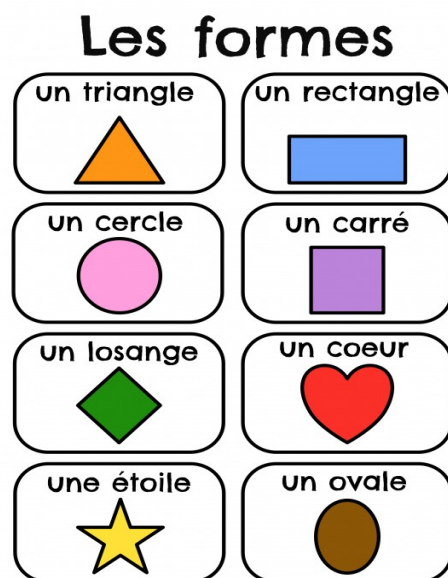
Notre père - Our Father

Notre père qui est au cieux, que ton nom soit sanctifié, que ta règne vienne, que ta volonté soit faites sur la terre comme au ciel, donne nous aujourd'hui notre pain quotidien et pardonne nous nos offences comme nous pardonnons à ceux qui nous a offensés, et ne nous induis point en tentation mais délivre nous du mal
Amen.

Je vous salue Marie - Hail Mary

Je vous salue Marie plein de grâce , le seigneur est avec vous, vous êtes bénie entre toutes les femmes et jésus le fruit de vos entrailles est béni.

Saint Marie mère de dieu, priez pour nous votre pécheurs maintenant et à l'heure de notre mort. Amen



Les mois de l'année

1. janvier
2. février
3. mars
4. avril
5. mai
6. juin
7. juillet
8. août
9. septembre
10. octobre
11. novembre
12. décembre

Fb/C.de.français

LES JOURS DE LA SEMAINE

Days of the Week

LUNDI Monday

MARDI Tuesday

MERCREDI Wednesday

JEUDI Thursday

VENDREDI Friday

SAMEDI Saturday

DIMANCHE Sunday

Les nombres cardinaux

1 un	13 treize	50 cinquante
2 deux	14 quatorze	60 soixante
3 trois	15 quinze	70 soixante-dix
4 quatre	16 seize	71 soixante-et-onze
5 cinq	17 dix-sept	80 quatre-vingts
6 six	18 dix-huit	81 quatre-vingt-un
7 sept	19 dix-neuf	90 quatre-vingt-dix
8 huit	20 vingt	91 quatre –vingt-onze
9 neuf	21 vingt- ET -un	100 cent
10 dix	22 vingt-deux	101 cent un
11 onze	30 trente	200 deux cents
12 douze	40 quarante	201 deux cent un

Verbe Avoir (to have)

J'ai
Tu as
Il/elle a
Nous avons
Vous avez
Ils/elles ont

Verbe être (To be)

Je suis
Tu es
Il/elle est
Nous sommes
Vous êtes
Ils/elles sont

Verbe Avoir au négative

Je n'ai pas
Tu n'as pas
Il/elle n'a pas
Nous n'avons pas
Vous n'avez pas
Ils/elles n'ont pas

Verbe être au négative

Je ne suis pas
Tu n'es pas
Il/elle n'est pas
Nous ne sommes pas
Vous n'êtes pas
Ils/elles ne sont pas