

North Dakota Department of Public Instruction
Title I
Fourth Grade Math Standards

Student: _____

School Year: _____ Grade: _____

Teacher: _____

___ Read, write, order, and compare numbers to 100,000.

___ Round numbers to hundred thousands.

___ Determine missing elements in complex patterns.

___ Add and subtract numbers between 0 and 100,000.

___ Multiply multi-digit numbers by 2 digit numbers.

___ Divide multi-digit numbers by a 1 digit number.

___ Add / subtract fractions and mixed numbers with like denominators.

___ Write tenths and hundredths as decimals and fractions.

___ Add and subtract decimals.

___ Measure length to the nearest quarter inch.

___ Compare units within the same measuring system.

___ Apply elapsed time.

___ Measure perimeter, area, and volume.

___ Create objects using ordered pairs on a grid.

___ Calculate the mean/average for a data set.

___ Solve problems with variables.

___ Use parentheses in simple equations.

Title I Math Test

Fourth Grade Standards

Name: _____

Date: _____

Write each number.

- | | | |
|----|-----------------------------------------|-------|
| 1. | $900 + 3$ | _____ |
| 2. | one thousand, thirty six | _____ |
| 3. | 30 thousands, 4 hundreds, 1 ten, 5 ones | _____ |
| 4. | $80,000 + 7,000 + 200 + 1$ | _____ |
| 5. | forty-nine thousand, five hundred, two | _____ |

Round to the underlined place.

- | | | | | | |
|-----|----------------------|-------|-----|----------------------|-------|
| 6. | $\underline{7}3$ | _____ | 7. | $9\underline{6}$ | _____ |
| 8. | $\underline{4}9$ | _____ | 9. | $6\underline{7}3$ | _____ |
| 10. | $\underline{1}25$ | _____ | 11. | $1,3\underline{6}3$ | _____ |
| 12. | $\underline{9},850$ | _____ | 13. | $\underline{8}5,411$ | _____ |
| 14. | $\underline{6}9,210$ | _____ | | | |

Compare. Use $>$ or $<$

15. $15,670$ ___ $15,607$

16. $44,532$ ___ $54,350$

17. $86,201$ ___ $88,402$

18. $98,101$ ___ $89,111$

Order each set from least to greatest.

19.	712	881	
	540	732	_____, _____, _____, _____
20.	3,421	3,213	
	3,344	3,280	_____, _____, _____, _____
21.	53,469	54,891	
	51,701		_____, _____, _____
22.	78,178	76,007	
	77,156		_____, _____, _____

Write the next three numbers in the pattern.

23. 919, 818, 717, _____, _____, _____.

24. 215, 325, 435, _____, _____, _____.

25. 12,177, 13,277, 14,377, _____,
_____, _____.

Find the sum or difference.

$$\begin{array}{r} 26. \quad \$436.76 \\ +327.47 \\ \hline \end{array}$$

$$\begin{array}{r} 27. \quad 48,288 \\ +36,437 \\ \hline \end{array}$$

$$\begin{array}{r} 28. \quad 27,672 \\ 18,595 \\ +12,864 \\ \hline \end{array}$$

$$\begin{array}{r} 29. \quad 37,561 \\ -12,359 \\ \hline \end{array}$$

$$\begin{array}{r} 30. \quad 50,429 \\ -41,786 \\ \hline \end{array}$$

$$\begin{array}{r} 31. \quad 70,000 \\ -57,261 \\ \hline \end{array}$$

Find the product.

$$\begin{array}{r} 32. \quad 74 \\ \times 20 \\ \hline \end{array}$$

$$\begin{array}{r} 33. \quad 265 \\ \times 70 \\ \hline \end{array}$$

$$\begin{array}{r} 34. \quad 76 \\ \times 38 \\ \hline \end{array}$$

$$\begin{array}{r} 35. \quad 326 \\ \times 72 \\ \hline \end{array}$$

$$\begin{array}{r} 36. \quad 670 \\ \times 28 \\ \hline \end{array}$$

$$\begin{array}{r} 37. \quad 892 \\ \times 43 \\ \hline \end{array}$$

Find the quotient.

$$38. \quad 516 \div 6 = \underline{\hspace{2cm}}$$

$$39. \quad 5,400 \div 9 = \underline{\hspace{2cm}}$$

$$40. \quad 417 \div 7 = \underline{\hspace{2cm}}$$

$$41. \quad 546 \div 5 = \underline{\hspace{2cm}}$$

$$42. \quad 723 \div 6 = \underline{\hspace{2cm}}$$

$$43. \quad 857 \div 4 = \underline{\hspace{2cm}}$$

Work Space

Add or subtract.

44. $4 \frac{2}{5} + 3 \frac{1}{5} =$ _____

45. $9 \frac{1}{8} + 1 \frac{2}{8} =$ _____

46. $6 \frac{11}{12} - 2 \frac{5}{12} =$ _____

47. $9 \frac{4}{5} - 3 \frac{1}{5} =$ _____

Write each fraction as a decimal.

48. $\frac{3}{10}$ _____

49. $\frac{8}{10}$ _____

50. $\frac{4}{10}$ _____

51. $\frac{12}{100}$ _____

52. $\frac{53}{100}$ _____

53. $\frac{81}{100}$ _____

Write each decimal as a fraction.

54. 0.2 _____

55. 0.6 _____

56. 0.03 _____

57. 0.48 _____

58. 0.76 _____

59. 0.93 _____

Add or subtract.

Work Space

60. $63.5 - 16.87 =$ _____

61. $60.16 + 23.8 =$ _____

62. $28.9 + 37.56 =$ _____

63. $75.94 - 50.4 =$ _____

64. $42 - 23.57 =$ _____

65. $6.26 + 13 + 4.5 =$ _____

66. $4.38 + 4.2 + 9 =$ _____

About how long is each object? Use a ruler to measure.

67.  _____ inches

68.  _____ centimeters

Write the missing number.

69. 1 minute = _____ seconds

70. _____ feet = 1 yard

71. 3 hours = _____ minutes

72. 1 quart = _____ pints

73. _____ milliliters = 1 liter

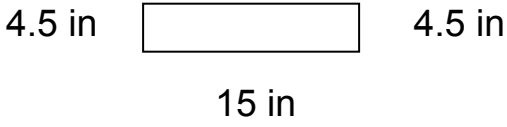
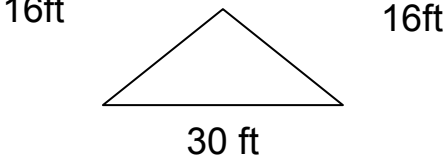
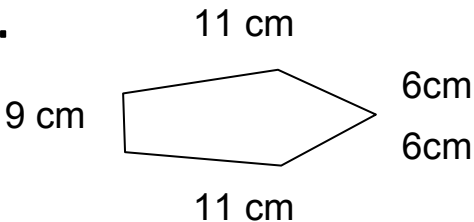
74. _____ centimeters = 1 meter

75. 4 cups = _____ quart

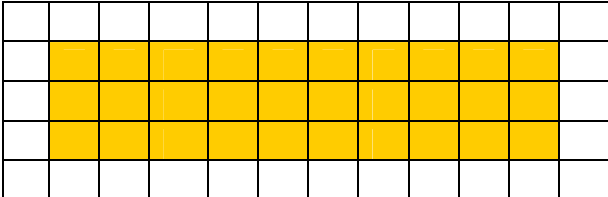
Complete the table.

	Start	Elapsed Time	Finish
76.	5:00 p.m.	3 hours	
77.		4 hours 30 minutes	11:30 a.m.
78.	6:20 p.m.		8:40 p.m.
79.	8:30 a.m.	6 hours 45 minutes	

Find the perimeter of each figure.

80.		_____
81.		_____
82.		_____

Find each shaded area in square units.

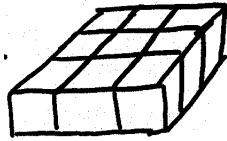
83.  _____

84.  _____

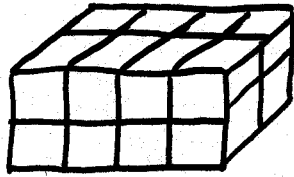
85.  _____

Find the volume for each space figure in cubic units.

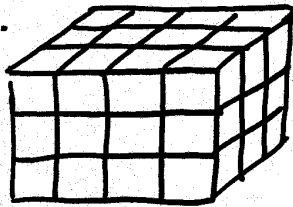
86.



87.



88.



Find the mean/average for each set of numbers.

89. 5, 9, 5, 6, 5

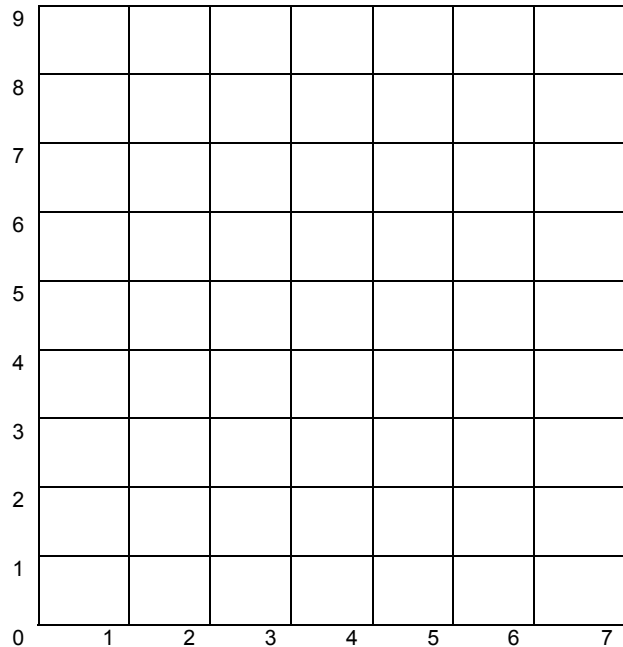
90. 6, 2, 5, 3, 1, 7

91. 12, 10, 9, 4, 5

92. 9, 15, 10, 20, 1

On the coordinate graph plot and label each point.

- | | |
|-----|-------------------------------------------------------------|
| 93. | D (2,3) |
| 94. | E (7,3) |
| 95. | F (7,8) |
| 96. | G (2,8) |
| 97. | Connect the points. What kind of figure did you draw? _____ |



Solve for n.

- | | | |
|------|-------------------|-------|
| 98. | $n \times 4 = 12$ | _____ |
| 99. | $100 + n = 125$ | _____ |
| 100. | $n - 40 = 51$ | _____ |
| 101. | $10 \div n = 1$ | _____ |
| 102. | $8 \times n = 72$ | _____ |

Solve.

- | | |
|------|-----------------------------------------------------------------|
| 103. | $(4 \times 5) \times 3 = 4 \times (5 \times \underline{\quad})$ |
| 104. | $(9 \times 0) \times 6 = \underline{\quad}$ |
| 105. | $(2 \times 3) \times 5 = \underline{\quad} \times (3 \times 5)$ |
| 106. | $(1 \times 8) \times 4 = \underline{\quad}$ |