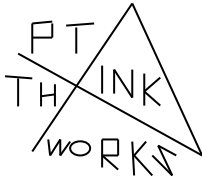


Score #1: _____	Score #2: _____	Score #3: _____	<u>Final Score</u>
Grader: _____	Grader: _____	Grader: _____	
Name: _____			
School: _____			
Grade: 4 <sup>th</sup> 5 <sup>th</sup>			



## Elementary Number Sense #2

January 22, 2011

### General Directions

This test will last for 10 minutes. There are 80 problems on the test.

Write in ink only! Do not use a pencil.

Solve as many problems as you can in the order they appear on the test.

Problems that are skipped are considered wrong. Problems that appear after the last attempted problem do not count against you.

**ALL PROBLEMS MUST BE SOLVED MENTALLY!** [No scratch work is allowed.]  
 Starred (\*) problems require integral answers that are within 5% of the exact answer.

Scoring: All problems correctly answered are worth 5 points. Four points will be subtracted for all misses or skips before the last problem attempted.

## 2010-2011 Elementary Number Sense Test #2

- 1)  $25 \times 48 =$  \_\_\_\_\_
- 2)  $\frac{3}{5} =$  \_\_\_\_\_ decimal
- 3)  $101 \times 83 =$  \_\_\_\_\_
- 4)  $41 \times 23 =$  \_\_\_\_\_
- 5)  $24 \times 52 =$  \_\_\_\_\_
- 6)  $22 \times 31 =$  \_\_\_\_\_
- 7)  $21^2 =$  \_\_\_\_\_
- 8)  $204 + 418 =$  \_\_\_\_\_
- 9)  $84 \times 86 =$  \_\_\_\_\_
- \*10)  $259 + 203 + 458 + 177 =$  \_\_\_\_\_
- 11)  $11 \times 52 =$  \_\_\_\_\_
- 12) Which is smaller  $\frac{7}{11}$  or  $\frac{8}{13}$ ? \_\_\_\_\_
- 13)  $54 \times 56 =$  \_\_\_\_\_
- 14) 7 feet = \_\_\_\_\_ inches
- 15)  $\sqrt{64} =$  \_\_\_\_\_
- 16)  $125 \times 88 =$  \_\_\_\_\_
- 17)  $14 \times 99 =$  \_\_\_\_\_
- 18)  $18 \times 2\frac{1}{2} =$  \_\_\_\_\_
- 19)  $25.4 + .6 =$  \_\_\_\_\_
- \*20)  $82,119 + 7,893 =$  \_\_\_\_\_
- 21)  $130 \times 9 =$  \_\_\_\_\_
- 22) 12 quarters plus 3 dimes = \$ \_\_\_\_\_
- 23) The average of 25, 23, and 15 = \_\_\_\_\_
- 24)  $(22)(4) + 2 =$  \_\_\_\_\_
- 25)  $25 \times 34 =$  \_\_\_\_\_
- 26)  $55 + 3 \times 1 + 4 =$  \_\_\_\_\_
- 27)  $20.4 - 7.4 =$  \_\_\_\_\_
- 28)  $72 \times 45 =$  \_\_\_\_\_
- 29)  $101 \times 35 =$  \_\_\_\_\_
- \*30)  $216 \times 450 =$  \_\_\_\_\_
- 31)  $63 \times 67 =$  \_\_\_\_\_
- 32)  $11 \times 612 =$  \_\_\_\_\_
- 33)  $15 \times 62 =$  \_\_\_\_\_
- 34)  $11 \times 317 =$  \_\_\_\_\_
- 35)  $101 \times 37 =$  \_\_\_\_\_
- 36)  $96 \times 93 =$  \_\_\_\_\_
- 37)  $75^2 =$  \_\_\_\_\_
- 38)  $4^3 =$  \_\_\_\_\_
- 39)  $2 \times 8 + 3 \times 8 =$  \_\_\_\_\_
- \*40)  $121 \times 121 =$  \_\_\_\_\_
- 41) The complement of a  $35^\circ$  angle is \_\_\_\_\_ $^\circ$
- 42)  $\{\$, P, \textcircled{R}, 8, \yen\}$  has \_\_\_\_\_ subsets.

43) Ten hours = \_\_\_\_\_ minutes

44)  $108 \times 105 =$  \_\_\_\_\_

45)  $4! =$  \_\_\_\_\_

46)  $25 \times 43 =$  \_\_\_\_\_

47)  $77 \times 73 =$  \_\_\_\_\_

48)  $9^2 + 2^3 =$  \_\_\_\_\_

49)  $11 \times 534 =$  \_\_\_\_\_

\*50)  $251 \times 437 =$  \_\_\_\_\_

51)  $101 \times 82 =$  \_\_\_\_\_

52)  $50 \times 162 =$  \_\_\_\_\_

53)  $25 \times 74 =$  \_\_\_\_\_

54)  $77 \times 72 =$  \_\_\_\_\_

55) 50% of 500 = \_\_\_\_\_

56)  $101 \times 417 =$  \_\_\_\_\_

57)  $5 + 9 \times 5 + 4 =$  \_\_\_\_\_

58) 10% of 350 = \_\_\_\_\_

59) Ten dozen = \_\_\_\_\_

\*60)  $762 \times 997 =$  \_\_\_\_\_

61) The seventh term in the sequence 3, 8, 13, 18, 23, ... is = \_\_\_\_\_

62)  $9.15 \times 100 =$  \_\_\_\_\_

63)  $32 \times 83 =$  \_\_\_\_\_

64)  $82 \times 19 =$  \_\_\_\_\_

65)  $15 \times 48 =$  \_\_\_\_\_

66) The length of the side of a square with an area of 100 is \_\_\_\_\_

67) The area of a triangle with a base of 14 and a height of 18 is \_\_\_\_\_

68)  $12 \frac{1}{2} \times 22 =$  \_\_\_\_\_

69)  $426 \times 5 =$  \_\_\_\_\_

\*70)  $\sqrt{6402} =$  \_\_\_\_\_

71)  $123_6 =$  \_\_\_\_\_<sub>10</sub>

72) The probability of drawing a queen from a standard deck of playing cards is \_\_\_\_\_ fraction

73)  $250 \times 640 =$  \_\_\_\_\_

74)  $73 \times 77 =$  \_\_\_\_\_

75) 43% of 5700 = \_\_\_\_\_

76)  $11 \times 9,664 =$  \_\_\_\_\_

77)  $1 + 2 + 3 + 4 + \dots + 29 + 30 =$  \_\_\_\_\_

78)  $77 \times 73 + 8 =$  \_\_\_\_\_

79) One gross plus five dozen = \_\_\_\_\_

\*80)  $2^3 + 3^3 + 10^2 + 87 =$  \_\_\_\_\_