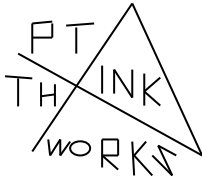


Score #1: _____	Score #2: _____	Score #3: _____	<u>Final Score</u>
Grader: _____	Grader: _____	Grader: _____	
Name: _____			
School: _____			
Grade: 4 th 5 th			



Elementary Number Sense #3

2012-2013

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.

2012-2013 Elementary Number Sense Test #3

- 1) $76 - 23 =$ _____
- 2) $101 \times 37 =$ _____
- 3) $219 \times 10 =$ _____
- 4) $25 \times 36 =$ _____
- 5) $8 \times 2 + 8 \times 3 =$ _____
- 6) $101 \times 81 =$ _____
- 7) $12^2 =$ _____
- 8) $(9 \times 100) + (7 \times 10) + 6 =$ _____
- 9) $33.1 - 19.0 =$ _____
- *10) $475 - 225 + 525 + 625 =$ _____
- 11) $\frac{21}{24}$ in lowest terms is _____
- 12) Which is smaller .62 or $\frac{3}{5}$? _____
- 13) $50 \times 432 =$ _____
- 14) 72 inches = _____ feet
- 15) $\sqrt{324} =$ _____
- 16) $\frac{3}{4} - \frac{1}{4} =$ _____ fraction
- 17) $89 \times 7 =$ _____
- 18) $32 \times 52 =$ _____
- 19) $0.2 + 5.8 =$ _____
- *20) $8,796 + 42,713 =$ _____
- 21) $11 \times 5,981 =$ _____
- 22) 32 quarters plus 8 dimes = \$ _____
- 23) The average of 17, 15, and 1 = _____
- 24) $(62) + (73) =$ _____
- 25) $(32)(24) =$ _____
- 26) $11 \times 73 =$ _____
- 27) $101 \times 862 =$ _____
- 28) $42 \times 73 =$ _____
- 29) $25 \times 78 =$ _____
- *30) $293 \times 651 =$ _____
- 31) $82 \times 88 =$ _____
- 32) $11 \times 75 =$ _____
- 33) $55 \times 63 =$ _____
- 34) $86 \times 76 =$ _____
- 35) $101 \times 68 =$ _____
- 36) $93 \times 91 =$ _____
- 37) $75^2 =$ _____
- 38) $13^3 =$ _____
- 39) $4 \times 5 + 8 \times 7 =$ _____
- *40) $101 \times 723 + 5,681 =$ _____
- 41) The complement of an 8° angle is _____ $^\circ$
- 42) $\{\Lambda, P, \odot, D, \Theta, \otimes, W, \emptyset\}$ has _____ subsets.

- 43) Three hours = _____ seconds
- 44) $76 \times 21 =$ _____
- 45) $4! =$ _____
- 46) $25 \times 4,428 =$ _____
- 47) $13 \times 217 =$ _____
- 48) $15^2 + 6^3 =$ _____
- 49) $11 \times 8,932 =$ _____
- *50) $134 \times 2,170 =$ _____
- 51) $101 \times 982 =$ _____
- 52) $50 \times 5,671 =$ _____
- 53) $25 \times 86 =$ _____
- 54) $67 \times 73 =$ _____
- 55) 50% of 88,446 = _____
- 56) $11 \times 4,871 =$ _____
- 57) $5 \times 22 + 5 \times 2 =$ _____
- 58) 10% of 370 = _____
- 59) Nine gross = _____
- *60) $988 \times 959 =$ _____
- 61) The tenth term in the sequence 3, 8, 13, 18, 23,... is = _____
- 62) $1,000 \times 5.783 =$ _____
- 63) $147 \times 342 =$ _____
- 64) $511 \times 493 =$ _____
- 65) $986 \times 986 =$ _____
- 66) The area of a square with a side of 31 is _____
- 67) The area of a triangle with a base of 42 and a height of 21 is _____
- 68) $94 \times 86 =$ _____
- 69) $739 \times 803 =$ _____
- *70) $\sqrt{74,382} =$ _____
- 71) $543_6 =$ _____₁₀
- 72) The probability of drawing 2 aces from a standard deck of playing cards is _____ fraction
- 73) $250 \times 860 =$ _____
- 74) $87 \times 43 =$ _____
- 75) 43% of 8,700 = _____
- 76) $432 \times 542 =$ _____
- 77) $2 + 3 + 4 + \dots + 87 + 88 + 89 =$ _____
- 78) $83_9 =$ _____ base 2
- 79) $563 \times 67 =$ _____
- *80) $13^3 + 46^2 + 15^2 =$ _____