Dr Numsen – Elementary Number Sense – 2003

Set L – Test 1

1. $46 + 73 =$ _____.
2. $105 \times 6 =$ _____.
3. $72 - 57 =$ _____.
4. Round 4784 to the nearest hundreds. _____.
5. $17 + 19 + 21 =$ _____.
6. $(4 \times 100) + (3 \times 10) - (2 \times 1) =$ _____.
7. $124 \div 4 =$ _____.
8. XLI = _____ (Arabic numerals).
9. $2 \times 5 \times 8 =$ _____.

(*) 10. $345 + 345 + 702 =$ _____.

11. $7 - 3 + 4 + 6 =$ _____.
12. $31 \times 11 =$ _____.
13. $47 \div 3$ has a remainder of _____.
14. How many odd numbers are there between 8 and 16? _____.
15. $54 \times 300 =$ _____.
16. $25 \times 24 =$ _____.
17. $349 + 297 =$ _____.
18. $13^2 =$ _____.
19. $843 - 348 =$ _____.

(*) 20. $203 \times 407 =$ _____.

21. $49 \div 7 \times 3 =$ _____.
22. $41 \times 12 =$ _____.
23. The GCD of 42 and 28 is _____.
24. $\frac{3}{5} =$ _____ (decimal).
25. Reduce $\frac{96}{120}$ to lowest terms. _____.
26. $3 \times 7 + 2 \times 5 - 4 =$ _____.
27. 25% = _____ (fraction).
28. How many prime numbers are there between 4 and 10? _____.
29. $\frac{2}{5} + \frac{3}{5} =$ _____.

(*) 30. $13457 \div 112 =$ _____.

31. $.8 \times 42 =$ _____.
32. 16 is to 17 as 48 is to _____.
33. 5 feet = _____ inches.
34. $24 \times 26 =$ _____.
35. $1107 \div 9 =$ _____.
36. If one dozen pencils cost \$3.24, then two pencils cost _____ cents.
37. $1 + 7 + 13 + 19 + 25 =$ _____.
38. $4.27 + 3.33 =$ _____.
39. Which is larger: $\frac{4}{7}$ or $\frac{3}{5}$? _____.

(*) 40. $31 \times 345 + 200 =$ _____.

41. The area of a square whose sides are 6 inches is _____ square inches.
42. $78 \times 12 =$ _____.
43. $\frac{4}{9} \div \frac{4}{3} =$ _____.

44. $6^3 =$ _____.

45. $2\frac{1}{2} + 3\frac{1}{4} =$ _____ (decimal).

46. If $N = 5$, then $4N - 3 =$ _____.

47. $48 \times 52 =$ _____.

48. The next number in the sequence 3, 7, 11, 15, ... is _____.

49. $3\frac{1}{6}$ yards = _____ inches.

(*) 50. $91 \times 911 =$ _____.

51. $4\frac{1}{3} \times 2\frac{1}{3} =$ _____ (mixed number).

52. The area of a triangle is 24 square inches. If the height is two inches longer than the base, find the height. _____ inches.

53. $16_{10} =$ _____$_8$.

54. $34 \times 75 =$ _____.

55. $5\frac{1}{3} \div 1\frac{1}{3} =$ _____.

56. If $3x - 5 = 22$, then $x =$ _____.

57. $5^2 + 12^2 =$ _____.

58. $13 \times \frac{13}{15} =$ _____ (mixed number).

59. The perimeter of a rectangle is 30 yards. If the length is 12 yards, find the width. _____ yards.

(*) 60. $21 \times 22 \times 23 =$ _____.

61. $43^2 =$ _____.

62. $\frac{3}{5} + \frac{5}{3} =$ _____ (mixed number).

63. The reciprocal of .6 is _____.

64. $(-3)(21) - 4 =$ _____.

65. Find the volume of a box whose sides measure 3 inches by 4 inches by 5 inches. _____ cubic inches.

66. If $A = 5$, $B = 10$, and $C = 6$, then $AC \div B =$ _____.

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

68. $\frac{7^2}{6^2 - 1} =$ _____.

69. $(14 + 7 \times 8) \div 5$ has a remainder of ____.

(*) 70. $14285 \times 15 =$ _____.

71. 40% of 2520 is _____.

72. $2^6 \times 2^3 \div 2^8 =$ _____.

73. $98 \times 95 =$ _____.

74. How many multiples of 5 are there between 12 and 112? _____.

75. Find the area of the rhombus whose diagonals are 6 inches and 8 inches. _____ square inches.

76. $102 \times 104 =$ _____.

77. The product of the GCD and LCM of 26 and 13 is _____.

78. $84 \times 15 =$ _____.

79. $3\frac{1}{2} \times 4\frac{1}{2} =$ _____ (mixed number).

(*) 80. $4\pi^5 =$ _____.