

Dr Numsen – Elementary Number Sense – 2003

Set L – Test 2

1. $50 \times 40 =$ _____.
2. $399 + 504 =$ _____.
3. $24 \div 3 =$ _____.
4. $10000 - 137 =$ _____.
5. What digit is in the hundreds place of 4598.361? _____.
6. $52 \times 11 =$ _____.
7. $13 + 23 + 33 + 43 =$ _____.
8. $422863 \div 7 =$ _____.
9. $38 \times 50 =$ _____.
- (*) 10. $703 + 841 + 362 + 10 =$ _____.
11. $27 \times 3 =$ _____.
12. $(5 \times 100) + (4 \times 10) + (7 \times 1) =$ _____.
13. $14 \times 14 =$ _____.
14. How many even numbers are there between 15 and 31? _____.
15. $XXI + VII =$ _____ (Arabic numerals).
16. $170 \times 60 =$ _____.
17. $374 \div 9$ has a remainder of _____.
18. $16 + 23 - 14 - 3 =$ _____.
19. What number added to 16 is 31? _____.
- (*) 20. $1493 \times 21 =$ _____.
21. 1 ton = _____ pounds.
22. $.3 \times .4 =$ _____.
23. If one donut costs 15 cents, then one dozen donuts cost \$ _____.
24. $\frac{4}{5} =$ _____ %.
25. $96 \times 25 =$ _____.
26. The LCM of 16 and 20 is _____.
27. 4 is to 7 as 24 is to _____.
28. $473 - 374 =$ _____.
29. $19 \times 30 + 30 =$ _____.
- (*) 30. $7224 \div 42 =$ _____.
31. $\frac{12}{25} - \frac{2}{25} =$ _____.
32. $.15 =$ _____ (fraction).
33. $34 \times 36 =$ _____.
34. $2.48 \div .8 =$ _____.
35. $2 \times 2 \times 3 \times 3 =$ _____.
36. 2 hours = _____ minutes.
37. $\frac{18}{25} \times \frac{5}{6} =$ _____.
38. Which is smaller: $.42$ or $\frac{3}{7}$? _____.
39. The largest prime number less than 50 is _____.
- (*) 40. $3991 \times 795 =$ _____.
41. 15 quarters + 7 dimes = \$ _____.
42. $\frac{29}{4} =$ _____ (mixed number).
43. $1 + 3 + 5 + 7 + 9 + 11 + 13 =$ _____.

44. $\sqrt{144} =$ _____ .
45. Find the perimeter of an equilateral triangle whose sides measure 7 inches. _____ inches.
46. If $X = 9$ and $Y = 7$, then $X + Y + 3X =$ _____ .
47. $62 \times 58 =$ _____ .
48. $2\frac{1}{3} - 1\frac{1}{6} =$ _____ (mixed number).
49. The GCD of 50, 48, and 72 is _____ .
- (*) 50. $13 \times 15 \times 17 =$ _____ .
51. What number added to its square is 30?
_____ .
52. $3\frac{1}{2} \times \frac{4}{7} =$ _____ .
53. $23 \times 23 =$ _____ .
54. If $6x - 1 = 8$, then $6x + 3 =$ _____ .
55. $21 \times 75 =$ _____ .
56. $247 \div 19 =$ _____ .
57. $\frac{4 \times 5 \times 6}{4 + 5 + 6} =$ _____ .
58. The area of a rectangle is 400 square inches. If the width is 16 inches, find the length. _____ inches.
59. $537 \div 9 =$ _____ (mixed number).
- (*) 60. $71\pi^3 =$ _____ .
61. Find the probability of getting an odd number by rolling a fair die. _____ .
62. $103 \times 109 =$ _____ .
63. $68 - 105 =$ _____ .
64. If $x < 3$, then $5x - 4 <$ _____ .
65. What percent of 50 is 29? _____ %.
66. $4^2 \times 5^2 =$ _____ .
67. $46 \times 101 =$ _____ .
68. How far is -6 from -10 on the number line? _____ .
69. A car is travelling at 55 miles per hour. How long does it take to go 275 miles?
_____ hours.
- (*) 70. $124000 \div 26 \div 7 =$ _____ .
71. The area of a square is 169 square feet. Find its perimeter. _____ feet.
72. $22 \times 31 =$ _____ .
73. How many sides does an octagon have?
_____ .
74. $1\frac{1}{2} + 1\frac{1}{3} \times 1\frac{1}{4} =$ _____ (mixed number).
75. $98 \times 93 =$ _____ .
76. $1 + 2 + 3 + 4 + \dots + 20 =$ _____ .
77. $99 \times 17 =$ _____ .
78. $4^3 =$ _____ .
79. The hypotenuse of a right triangle is 10. If one leg is 6, find the area of the triangle.
_____ .
- (*) 80. $7^3 \times 205 =$ _____ .