

**MIDDLE SCHOOL NUMBER SENSE
TEST #266**

1. $791 - 197 =$ _____.
2. $35 \times 8 \div 7 + 4 =$ _____.
3. $\frac{1}{6} - \frac{1}{12} - \frac{1}{24} =$ _____.
4. $1 + 2 + 3 + \dots + 18 =$ _____.
5. $25 \times 24 =$ _____.
6. $65^2 =$ _____.
7. $74 \times 11 =$ _____.
8. $637 \div 9 =$ _____ (mixed number).
9. $CCXVIII + CXXI =$ _____ (Arabic Numeral).
- *10. $301 \times 98 =$ _____.
11. $382 \div 9$ has a remainder of _____.
12. If 3 oranges cost 72ϕ , then one dozen oranges cost \$ _____.
13. $\frac{2}{9} + \frac{9}{2} =$ _____ (mixed number).
14. If 1 gram = .04 oz., then 7 pounds = _____ grams.
15. $\frac{14}{17} \times 14 =$ _____ (mixed number).
16. $34 \times 36 =$ _____.
17. Which is smaller of $\frac{4}{9}$ or $\frac{6}{13}$? _____.
18. $18 \times 51 =$ _____.
19. The mean of 27, 18, and 33 is _____.
- *20. $21 + 211 + 2111 + 21111 =$ _____.
21. $15 \times 34 =$ _____.
22. $21 \frac{1}{4} \div 7 =$ _____ (mixed number).
23. $92 \times 97 =$ _____.
24. $61 \times 12 =$ _____.
25. $\frac{5}{8} =$ _____ % (mixed number).
26. How many positive integers less than 48 are divisible by 6? _____.
27. $52_7 =$ _____ 10 .
28. Find the area of a square whose diagonal is 8 mm. _____ sq. mm.
29. $49 \times 101 =$ _____.
- *30. $201837 \div 437 =$ _____.
31. How many days does July have? _____.
32. $8 \frac{3}{5} \times 8 \frac{2}{5} =$ _____ (mixed number).
33. The LCM of 12 and 42 is _____.
34. $531 \times 111 =$ _____.
35. $4^2 + 12^2 =$ _____.
36. $18382 \div 101 =$ _____.
37. $\frac{\quad}{.81} =$ _____ (fraction).
38. $84 \times 24 =$ _____.
39. How many days are there from September 26, 2005 to October 7, 2005? _____ days.
- *40. $11 \times 12 + 13 \times 14 =$ _____.
41. $4(1) + 18(2) + 2(8) =$ _____.
42. An item sells for x dollars plus 8% sales tax. If the sales tax is \$3.00, then $x =$ _____.
43. $7 \times 7 \frac{7}{8} =$ _____ (mixed number).
44. $57^2 + 65^2 =$ _____.

45. $8\frac{1}{3} \times 9 =$ _____.
46. $12'' \times 11'' \times 28'' =$ _____ gallons.
47. $35 \times 55 =$ _____.
48. 800 centigrams = _____ decigrams.
49. $724 \div 5 =$ _____ (decimal).
- *50. $\sqrt{31842} =$ _____.
51. $26973 \div 111 =$ _____.
52. 2 gallons = _____ cubic inches.
53. $4872 \div 11$ has a remainder of _____.
54. A pair of dice are tossed. Find the probability that the sum of the faces is 10. _____.
55. 18% of 14 is 7% of _____.
56. $16 \times 22 + 32 \times 11 =$ _____.
57. Find the total surface area of a 6, 2, 3 rectangular box. _____ sq. units.
58. $10 + 11 \times 12 - 13 =$ _____.
59. Find the simple interest on \$700 at 5% for 6 months. \$ _____.
- *60. $142857 \times 31 =$ _____.
61. Find the eighth triangular number. _____.
62. The largest palindrome less than 462 is _____.
63. How many integers are there between 7 and 25? _____.
64. $7\frac{1}{4} \times 5\frac{1}{4} =$ _____ (mixed number).
65. $1 + 3 + 5 + \dots + 29 =$ _____.
66. The next number in the sequence : 7, 8, 10, 13, 17, 22, . . . is _____.
67. $46 \times 44 + 5 =$ _____.
68. The sum of the roots of $-6x^2 + 4x + 11 = 0$ is _____.
69. $(52 \times 11 + 23) \div 8$ has a remainder of _____.
- *70. $15 \times 16 \times 17 \times 18 =$ _____.
71. 42 has _____ positive integral divisors.
72. $\frac{2}{5}$ of 16 = $\frac{4}{3}$ of _____.
73. $\frac{1}{20} + \frac{1}{30} + \frac{1}{42} =$ _____.
74. How many diagonals can be drawn from each vertex of a regular octagon? _____.
75. $36^2 - 34^2 =$ _____.
76. A triangle has integral sides of 11, 17, and x. The largest value of x is _____.
77. The sides of a right triangle are integers. If one leg is 8, then the hypotenuse is _____.
78. $1^2 - 2^2 + 3^2 - 4^2 + \dots - 8^2 =$ _____.
79. If a regular polygon with n sides has an exterior angle of 30° , then n = _____.
- *80. $24 \times 6633 =$ _____.