

PSIA – Number Sense – 2001 – Grades 4-6 – State

1. $23 + 21 + 11 =$ _____.
2. $5 \times 17 \times 2 =$ _____.
3. What digit is in the tens place value of 8513.742? _____.
4. $(4 \times 1) + (6 \times 100) + (7 \times 10) =$ _____.
5. $65 - 37 =$ _____.
6. $80 \times 30 =$ _____.
7. $16 + 18 + 20 + 22 + 24 =$ _____.
8. $96 \div 6 =$ _____.
9. XLII = _____ (Arabic numerals).
- (*) 10. $198 + 239 + 494 + 502 =$ _____.
11. $74 \times 60 =$ _____.
12. $587 \div 3$ has a remainder of _____.
13. $78 \times 11 =$ _____.
14. $100 - 15 - 30 =$ _____.
15. $1428 \div 14 =$ _____.
16. $45 + 88 - 41 =$ _____.
17. $24 \times 25 =$ _____.
18. Round 5.948 to the nearest tenths place. _____.
19. How many even numbers are there between 15 and 39? _____.
- (*) 20. $78 \times 52 =$ _____.
21. 108 inches = _____ feet.
22. $28 + 9 \times 6 =$ _____.
23. $\frac{2}{5} =$ _____ %.
24. $65 \times 65 =$ _____.
25. Which is smaller: .2004 or .204? _____.
26. $\frac{7}{24} + \frac{5}{24} =$ _____.
27. $9.55 \div 50 =$ _____.
28. $21.8 - 3.74 =$ _____.
29. The GCD of 48 and 30 is _____.
- (*) 30. $221 \times 89 =$ _____.
31. $39 \times 41 =$ _____.
32. If two apples cost 43 cents, then one dozen apples cost \$ _____.
33. 12 is to 7 as 60 is to _____.
34. .45 = _____ (fraction).
35. $1 + 3 + 5 + 7 + 9 + 11 + 13 + 15 =$ _____.
36. How many prime numbers are there between 4 and 20? _____.
37. $1.8 \times .02 =$ _____.
38. 16 quarters = \$ _____.
39. $71 \times 79 =$ _____.
- (*) 40. $654327 \div 851 =$ _____.
41. $16^2 =$ _____.
42. $\frac{3}{4}$ of 8 feet = _____ inches.

43. Find the perimeter of a square whose sides measure 9. _____.
44. $\frac{5}{6} - \frac{1}{3} =$ _____.
45. If $n = 7$, then $3n + 9 =$ _____.
46. The next term in the sequence 128, 32, 8, 2, ... is _____.
47. 25% of 68 is _____.
48. $2\frac{1}{3} \times 4\frac{1}{3} =$ _____ (mixed number).
49. 2.54 kilometers = _____ meters.
- (*) 50. $8 \times 19 \times 21 =$ _____.
51. $37 \times 15 =$ _____.
52. The LCM of 8, 16, and 18 is _____.
53. $3 + 6 + 9 + \dots + 60 =$ _____.
54. $657 \times 11 =$ _____.
55. $60 \div \frac{3}{5} =$ _____.
56. Solve for x : $2x - 8 = 4x + 16$ _____.
57. The legs of a right triangle are 7 and 24. Its hypotenuse is _____.
58. The volume of a box is 162 cubic inches. Its dimensions are 9 inches by 9 inches by _____ inches.
59. $\frac{9 \times 7 - 3}{2(5^2) - 4 \times 5} =$ _____.
- (*) 60. $\sqrt{730000} =$ _____.
61. $56 - 98 =$ _____.
62. $95 \times 93 =$ _____.
63. $57^2 =$ _____.
64. $75 \times 124 =$ _____.
65. $38^2 - 22^2 =$ _____.
66. How many sides does a parallelogram have? _____.
67. $45_6 =$ _____ $_{10}$.
68. 3 square yards = _____ square feet.
69. The area of a circle whose circumference is 14π is $b\pi$ and $b =$ _____.
- (*) 70. $285714 \div 421 =$ _____.
71. What percent of 16 is 10? _____ % (mix num).
72. If $5x + 6 \geq 8x + 27$, then $x \leq$ _____.
73. $347 \times 111 =$ _____.
74. How far is 5 from -1 on the number line? _____.
75. $101 \times 74 =$ _____.
76. $3^5 =$ _____.
77. The area of a trapezoid whose bases are 24 and 48 and whose height is 6 is _____.
78. Find the probability of rolling a fair die and getting a 1 or 3. _____.
79. $84 \times 63 =$ _____.
- (*) 80. $20000 \div 8 \div 17 =$ _____.