

This test is exactly like the high school number sense test, except that all the problems on this test are multiplication problems. Most problems utilize some specific multiplication trick. Every tenth problem is marked with a star (*) and is an estimation problem.

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| <p>1. $3 \times 4 =$ _____ .</p> <p>2. $71 \times 20 =$ _____ .</p> <p>3. $80 \times 30 \times 2 =$ _____ .</p> <p>4. $17 \times 17 =$ _____ .</p> <p>5. $36 \times 11 =$ _____ .</p> <p>6. $4.7 \times 300 =$ _____ .</p> <p>7. $12 \times 53 =$ _____ .</p> <p>8. $63 \times 25 =$ _____ .</p> <p>9. $2 \times 2 \times 2 \times 2 =$ _____ .</p> <p>(*) 10. $398 \times 407 =$ _____ .</p> <p>11. $946 \times 50 =$ _____ .</p> <p>12. $23 \times 17 =$ _____ .</p> <p>13. $\frac{1}{2} \times \frac{4}{5} =$ _____ .</p> <p>14. $31.2 \times .7 =$ _____ .</p> <p>15. $16\frac{1}{2} \times 4 =$ _____ .</p> <p>16. $60 \times 24 \times 3 =$ _____ .</p> <p>17. $27 \times 15 =$ _____ .</p> <p>18. $\frac{2}{3} \times 36 =$ _____ .</p> <p>19. $29 \times 21 =$ _____ .</p> <p>(*) 20. $123 \times 124 =$ _____ .</p> <p>21. $13 \times \frac{13}{15} =$ _____ (mixed number).</p> | <p>22. $98 \times 95 =$ _____ .</p> <p>23. $7 \times 70 \times 700 =$ _____ .</p> <p>24. $111 \times 23 =$ _____ .</p> <p>25. $2\frac{1}{2} \times 2\frac{1}{2} =$ _____ (mixed number).</p> <p>26. $81 \times 84 =$ _____ .</p> <p>27. $16 \times 32 =$ _____ .</p> <p>28. $\frac{3}{5} \times \frac{25}{27} =$ _____ .</p> <p>29. $52 \times 52 =$ _____ .</p> <p>(*) 30. $12 \times 13 \times 15 =$ _____ .</p> <p>31. $103 \times 108 =$ _____ .</p> <p>32. $65 \times 45 =$ _____ .</p> <p>33. $14 \times 143 =$ _____ .</p> <p>34. $7\frac{1}{4} \times 1\frac{1}{4} =$ _____ (mixed number).</p> <p>35. $3.3 \times 7.3 =$ _____ (decimal).</p> <p>36. $33\frac{1}{3} \times 213 =$ _____ .</p> <p>37. $17 \times 14 =$ _____ .</p> <p>38. $42 \times 75 =$ _____ .</p> <p>39. $26 \times 13 =$ _____ .</p> <p>(*) 40. $831 \times 732 =$ _____ .</p> <p>41. $379 \times 11 =$ _____ .</p> <p>42. $69 \times 125 =$ _____ .</p> |
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Dr Numsen—High School Number Sense

PRACTICE TEST — MULTIPLICATION TEST — PAGE 2

43. $43 \times 43 =$ _____ .
44. $36 \times 3367 =$ _____ .
45. $738 \times 101 =$ _____ .
46. $8\frac{1}{3} \times 8\frac{2}{3} =$ _____ (mixed number).
47. $42 \times 572 =$ _____ .
48. $47 \times 17 =$ _____ .
49. $55 \times 61 =$ _____ .
- (*) 50. $1428 \times 35 =$ _____ .
51. $2\frac{1}{2} \times 35 =$ _____ (decimal).
52. $99 \times 37 =$ _____ .
53. $134 \times 136 =$ _____ .
54. $375 \times 88 =$ _____ .
55. $23 \times 32 =$ _____ .
56. $57 \times 64 =$ _____ .
57. $997 \times 992 =$ _____ .
58. $221 \times 219 =$ _____ .
59. $7\frac{1}{2} \times 8\frac{1}{2} =$ _____ (mixed number).
- (*) 60. $143\pi \times 21\pi =$ _____ .
61. $35 \times 75 =$ _____ .
62. $1004 \times 1005 =$ _____ .
63. $32 \times 14443 =$ _____ .
64. $.0625 \times 960 =$ _____ .
65. $34 \times 51 =$ _____ .
66. $81 \times 270 =$ _____ .
67. $999 \times 317 =$ _____ .
68. $3\frac{2}{3} \times 4\frac{1}{2} =$ _____ (mixed number).
69. $9\frac{1}{11} \times 33 \times 44 =$ _____ .
- (*) 70. $681 \times 426 =$ _____ .
71. $875 \times 63 =$ _____ .
72. $42 \times 32 =$ _____ .
73. $1001 \times 473 =$ _____ .
74. $3\frac{1}{4} \times 2\frac{3}{4} =$ _____ (mixed number).
75. $199 \times 203 =$ _____ .
76. $138 \times 167 =$ _____ .
77. $475 \times 525 =$ _____ .
78. $321 \times 123 =$ _____ .
79. $987 \times 654 =$ _____ .
- (*) 80. $176 \times 231 \times 47 =$ _____ .