

# MATH COMPUTATION INVENTORY

Name: \_\_\_\_\_

Grade: \_\_\_\_\_

Date: \_\_\_\_\_

1) $2 + 2 =$	2) $1 + 3 =$	3) $2 + 1 =$	4) $6 + 1 =$
5) $2 + 4 =$	6) $\begin{array}{r} 3 \\ - 2 \\ \hline \end{array}$	7) $\begin{array}{r} 7 \\ - 4 \\ \hline \end{array}$	8) $3 - 1 =$
9) $\begin{array}{r} 9 \\ - 5 \\ \hline \end{array}$	10) $\begin{array}{r} 7 \\ + 5 \\ \hline \end{array}$	11) $\begin{array}{r} 67 \\ - 16 \\ \hline \end{array}$	12) $\begin{array}{r} 15 \\ - 9 \\ \hline \end{array}$
13) $\begin{array}{r} 5 \\ \times 3 \\ \hline \end{array}$	14) $\begin{array}{r} 7 \\ \times 4 \\ \hline \end{array}$	15) $\begin{array}{r} 254 \\ 81 \\ + 4611 \\ \hline \end{array}$	16) $2 \overline{)6}$
17) $\begin{array}{r} 2 \\ \times 7 \\ \hline \end{array}$	18) $\begin{array}{r} 8 \\ \times 5 \\ \hline \end{array}$	19) $\begin{array}{r} 46.4 \\ + 47.06 \\ \hline \end{array}$	20) $\begin{array}{r} 13 \\ \times 7 \\ \hline \end{array}$

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21)  $\begin{array}{r} .056 \\ + 22.37 \\ \hline \end{array}$	22)  $7 \overline{)14}$	23)  $\begin{array}{r} 67 \\ - 29 \\ \hline \end{array}$	24)  $\begin{array}{r} 203 \\ \times 23 \\ \hline \end{array}$
25)  $\begin{array}{r} \frac{3}{7} \\ + \frac{1}{7} \\ \hline \end{array}$	26)  $43 \overline{)129}$	27)  $\begin{array}{r} \frac{3}{5} \\ - \frac{1}{5} \\ \hline \end{array}$	28)  $46 \overline{)276}$
29)  $113 \overline{)5989}$	30)  $\begin{array}{r} \frac{5}{6} \\ + \frac{9}{6} \\ \hline \end{array}$	31)  $\begin{array}{r} 4 \frac{4}{5} \\ + 7 \frac{1}{2} \\ \hline \end{array}$	32)  $\begin{array}{r} 0.067 \\ \times 0.05 \\ \hline \end{array}$
33)  $2x + 5 = 15$	34)  $\begin{array}{r} - 16 \\ + 14 \\ \hline \end{array}$	35)  $\begin{array}{r} - 7 \\ \times 8 \\ \hline \end{array}$	36)  $\begin{array}{r} - 2.05 \\ \times .3 \\ \hline \end{array}$
37)  $6 + 3(5) =$	38)  $\frac{7}{9} \div \frac{1}{2}$		

## To Score the Math Computation Inventory:

1. Use the attached "Math Computation Inventory Answer Sheet" to grade the test.
2. Count the number correct. That is the Raw Score \_\_\_\_\_.
3. Use the attached Raw Score/Grade Equivalent (G.E) sheet to determine G.E. \_\_\_\_\_.
4. Interpretation: GE 4.7 means "fourth grade, seventh month".
5. To be sure that you are testing your child's math skills, and not his attention/focus/impulsivity ability, look over the test before scoring it. If your child made "silly or careless" errors (for example, adding instead of subtracting), just ask him to check the problem without comment about how to do it. The child will usually see his careless error and fix it. After he has done that with one or two problems, then count the number correct and find the Grade Equivalent.

**MATH COMPUTATION INVENTORY ANSWER SHEET**

<b>ANSWERS</b>	<b>Raw Score</b>	<b>G.E. (Grade Equivalent)</b>
1. 4	0	K.0
2. 4	1	K.3
3. 3	2	K.5
4. 7	3	K.8
5. 6	4	1.0
6. 1	5	1.2
7. 3	6	1.3
8. 2	7	1.4
9. 4	8	1.6
10. 12	9	1.9
11. 51	10	2.2
12. 6	11	2.5
13. 15	12	2.8
14. 28	13	3.0
15. 4,946	14	3.3
16. 3	15	3.6
17. 14	16	3.8
18. 40	17	4.0
19. 93.46	18	4.3
20. 91	19	4.5
21. 22.426	20	4.7
22. 2	21	5.0
23. 38	22	5.2
24. 4,669	23	5.4
25. 4/7	24	5.5
26. 3	25	5.9
27. 2/5	26	6.2
28. 6	27	6.4
29. 53	28	6.7
30. 2 1/3	29	7.0
31. 12 3/10	30	7.3
32. .00335	31	7.8
33. 5	32	8.3
34. -2	33	8.9
35. -56	34	9.4
36. .615	35	10.0
37. 21	36	10.7
38. 1 5/9	37	11.4
	38	12.2

**Raw Score = \_\_\_\_\_**

**G.E. = \_\_\_\_\_**