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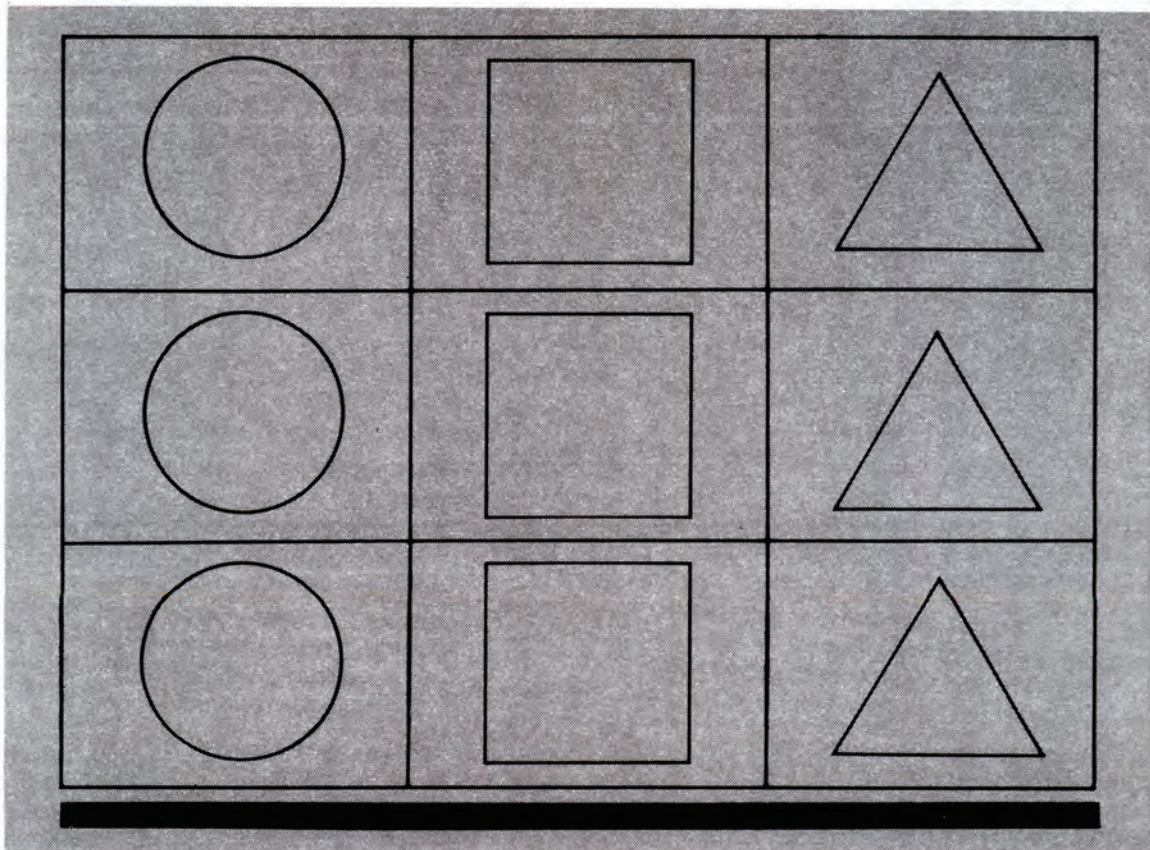
Second Edition

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# Programmed Math

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Placement Exams  
**BOOKS 1-8**



A SULLIVAN ASSOCIATES PROGRAM FROM  
**Phoenix Learning Resources**

# Book 1 ☆ PLACEMENT EXAM ☆ Basic Addition

$$\begin{array}{r} 1 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 0 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + 7 \\ \hline \end{array}$$

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$$\begin{array}{r} 4 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$$

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$$\begin{array}{r} 0 \\ + 0 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 9 \\ \hline \end{array}$$

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$$\begin{array}{r} 1 \\ 0 \\ 0 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ 1 \\ 1 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 1 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ 2 \\ + 6 \\ \hline \end{array}$$

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Printed in the United States of America.

**ISBN 0-7915-1234-7**  
**(Previously ISBN 0-07-062049-0)**

Book 2 ☆ PLACEMENT EXAM ☆ Advanced Addition

$$\begin{array}{r} 327 \\ 250 \\ 101 \\ + 20 \\ \hline \end{array}$$

$$\begin{array}{r} 13,510 \\ 20,163 \\ 14,201 \\ + 11,103 \\ \hline \end{array}$$

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$$\begin{array}{r} 413 \\ 51 \\ 1002 \\ 6210 \\ + 2200 \\ \hline \end{array}$$

$$\begin{array}{r} 8,135 \\ 61,201 \\ 10,310 \\ 10,122 \\ + 10,011 \\ \hline \end{array}$$

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$$\begin{array}{r} 4203 \\ 2041 \\ 1932 \\ + 1580 \\ \hline \end{array}$$

$$\begin{array}{r} 4567 \\ 1829 \\ 2342 \\ + 1100 \\ \hline \end{array}$$

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$$\begin{array}{r} 24,472 \\ 13,536 \\ 12,547 \\ 10,003 \\ + 31,980 \\ \hline \end{array}$$

$$\begin{array}{r} 3728 \\ 7692 \\ 1000 \\ 257 \\ + 6870 \\ \hline \end{array}$$

Book 3 ☆ PLACEMENT EXAM ☆ Subtraction

$$\begin{array}{r} 659 \\ - 427 \\ \hline \end{array}$$

$$\begin{array}{r} 9842 \\ - 4520 \\ \hline \end{array}$$

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$$\begin{array}{r} 87 \\ - 39 \\ \hline \end{array}$$

$$\begin{array}{r} 537 \\ - 182 \\ \hline \end{array}$$

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$$\begin{array}{r} 9847 \\ - 6958 \\ \hline \end{array}$$

$$\begin{array}{r} 75,460 \\ - 59,875 \\ \hline \end{array}$$

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$$\begin{array}{r} 23,005 \\ - 4,789 \\ \hline \end{array}$$

$$\begin{array}{r} 9000 \\ - 8647 \\ \hline \end{array}$$

Book 4 ☆ PLACEMENT EXAM ☆ Multiplication

$$\begin{array}{r} 5 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 33 \\ \times 3 \\ \hline \end{array}$$

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$$\begin{array}{r} 50,212 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 330 \\ \times 5 \\ \hline \end{array}$$

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$$\begin{array}{r} 32 \\ \times 16 \\ \hline \end{array}$$

$$\begin{array}{r} 589 \\ \times 57 \\ \hline \end{array}$$

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$$\begin{array}{r} 7963 \\ \times 284 \\ \hline \end{array}$$

$$\begin{array}{r} 8059 \\ \times 2370 \\ \hline \end{array}$$

Book 5 ☆ PLACEMENT EXAM ☆ Division

$$4 \overline{) 840}$$

$$9 \overline{) 7209}$$

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$$6 \overline{) 38,706}$$

$$13 \overline{) 1053}$$

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$$62 \overline{) 1064}$$

$$15 \overline{) 895}$$

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$$367 \overline{) 19,582}$$

$$215 \overline{) 28,380}$$

Book 6 ☆ PLACEMENT EXAM ☆ Fractions

$$\frac{15}{17} - \frac{9}{17} = \underline{\quad}$$

$$\frac{7}{9} \times \frac{5}{6} = \underline{\quad}$$

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$$\frac{3}{4} \div \frac{3}{8} = \underline{\quad}$$

$$\frac{7}{15} \div \frac{3}{5} = \underline{\quad}$$

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$$6\frac{2}{3} \times 2\frac{1}{5} = \underline{\quad}$$

$$4\frac{1}{8} \div 2\frac{1}{6} = \underline{\quad}$$

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$$\begin{array}{r} 21\frac{3}{7} \\ - 15\frac{4}{7} \\ \hline \end{array}$$

$$\begin{array}{r} 2\frac{1}{2} \\ + 1\frac{2}{3} \\ \hline \end{array}$$

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$$3\frac{1}{2} - 2\frac{4}{5} = \underline{\quad}$$

$$25\frac{4}{9} + 18\frac{2}{3} = \underline{\quad}$$

Book 7 ☆ PLACEMENT EXAM ☆ Decimals

$$\begin{array}{r} 27.3 \\ 19.1 \\ + 32.7 \\ \hline \end{array}$$

$$\begin{array}{r} 92.5 \\ - 77.6 \\ \hline \end{array}$$

$$\begin{array}{r} 76.271 \\ + 13.928 \\ \hline \end{array}$$

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$$\begin{array}{r} .72 \\ \times .4 \\ \hline \end{array}$$

$$\begin{array}{r} .06 \\ \times .6 \\ \hline \end{array}$$

$$\begin{array}{r} 73.5 \\ \times .05 \\ \hline \end{array}$$

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$$7 \overline{)42.35}$$

$$.014 \overline{).70}$$

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$$32 \overline{)8}$$

$$4.8 \overline{)36}$$