

Beginning Cryptarithms

WHO MADE THIS?

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Beginning Cryptarithms

DIRECTIONS: Within each of the puzzles, every different letter corresponds to a different digit. The left most digits can not be zeros. Given that each of the addition problems is correct, can you figure out what the numbers?

1

$$\begin{array}{r} \text{S H I R T} \\ + \text{T S H I R T} \\ \hline \text{C L O T H E S} \end{array}$$

4

$$\begin{array}{r} \text{B A T} \\ \text{H I T} \\ + \text{I N N I N G} \\ \hline \text{B A T T E R} \end{array}$$

2

$$\begin{array}{r} \text{F A N} \\ \text{F A N} \\ + \text{S O F A} \\ \hline \text{H O U S E} \end{array}$$

5

$$\begin{array}{r} \text{R U B Y} \\ \text{P E A R} \\ + \text{B R A S S} \\ \hline \text{A U B U R N} \end{array}$$

3

$$\begin{array}{r} \text{G H A N A} \\ \text{G A B O N} \\ + \text{B H U T A N} \\ \hline \text{A L B A N I A} \end{array}$$

6

$$\begin{array}{r} \text{O D E R} \\ + \text{C O N G O} \\ \hline \text{M E K O N G} \end{array}$$

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SOLUTION

1

$$\begin{array}{r} 84729 \\ + 984729 \\ \hline 1069458 \end{array}$$

4

$$\begin{array}{r} 801 \\ 571 \\ + 799792 \\ \hline 801164 \end{array}$$

2

$$\begin{array}{r} 854 \\ 854 \\ + 9085 \\ \hline 10793 \end{array}$$

5

$$\begin{array}{r} 7092 \\ 4817 \\ + 97166 \\ \hline 109075 \end{array}$$

3

$$\begin{array}{r} 82151 \\ 81965 \\ + 927415 \\ \hline 1091531 \end{array}$$

6

$$\begin{array}{r} 8504 \\ + 98328 \\ \hline 106832 \end{array}$$