

Puzzle of the Week

Letter Substitutions – 6

Rules:

1. A letter represents a digit from 0 to 9, and has the same value throughout a single puzzle.
2. No number can start with the digit 0.
3. Within a puzzle, different letters must have different values.

$$\begin{array}{r}
 8 \\
 + A \\
 \hline
 B \ 2
 \end{array}
 \Rightarrow
 \begin{array}{r}
 8 \\
 + 4 \\
 \hline
 1 \ 2
 \end{array}$$

THE CHALLENGE: Find the value of A, B, C, D, E, F, G, K, L, and M in these puzzles.

$ \begin{array}{r} B \ A \\ + \ B \ B \\ \hline C \ A \ B \end{array} $	$ \begin{array}{r} E \ D \\ + \ F \ D \\ \hline F \ G \ G \end{array} $	$ \begin{array}{r} K \ K \\ + \ L \ K \\ \hline L \ L \ M \end{array} $
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EXPLORATION: Make some letter substitution puzzles for your friends to solve.