

Puzzle of the Week

Letter Substitutions – 7

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, K, L, and M in these puzzles.

$ \begin{array}{r} A \ A \\ + \ C \ B \\ \hline B \ B \ C \end{array} $	$ \begin{array}{r} D \ D \\ + \ D \ E \\ \hline F \ D \ F \end{array} $	$ \begin{array}{r} K \ K \\ + \ K \ K \\ \hline L \ L \ M \end{array} $
--	--	--

EXPLORATION: Make some letter substitution puzzles for your friends to solve.