

Puzzle of the Week

Letter Substitutions – 3

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.

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

THE CHALLENGE: Find the value of A, B, C, and D in these puzzles.

$$\begin{array}{r} A \\ + \underline{6} \\ B \ B \end{array} \qquad \begin{array}{r} C \\ + \underline{6} \\ D \end{array}$$

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