



# Crazy Numbers and Algebra Fun

Fill in the missing math symbols to make the following equations true. Goldentail has done the first one for you!

$$2 \boxed{-} 2 \boxed{+} 2 \boxed{-} 2 = 0$$

$$2 \boxed{\square} 2 \boxed{\square} 2 \boxed{\square} 2 = 4$$

$$2 \boxed{\square} 2 \boxed{\square} 2 \boxed{\square} 2 = 1$$

$$2 \boxed{\square} 2 \boxed{\square} 2 \boxed{\square} 2 = 5$$

$$2 \boxed{\square} 2 \boxed{\square} 2 \boxed{\square} 2 = 2$$

$$2 \boxed{\square} 2 \boxed{\square} 2 \boxed{\square} 2 = 6$$

$$2 \boxed{\square} 2 \boxed{\square} 2 \boxed{\square} 2 = 3$$

$$2 \boxed{\square} 2 \boxed{\square} 2 \boxed{\square} 2 = 10$$

The same two numbers are added on the left and subtracted on the right. Each letter represents a different digit. That is, if A is 3 (in all positions), B cannot be 3. Find the digits.

$$\begin{array}{r} XYZ \\ + \quad AB \\ \hline CDEF \end{array}$$

$$\begin{array}{r} XYZ \\ - \quad AB \\ \hline BGA \end{array}$$

Now, try this for a challenge! Find the digit that goes with each letter to make this a true addition problem.

$$\begin{array}{r} fly \\ for \\ + your \\ \hline life \end{array}$$

