

# Mathematical Codes

*Louise M. Lataille*

Deciphering codes is an excellent exercise in mathematical reasoning, sound thinking and solid logic. Almost any code will provide this practice. Here is a simple one that can be adapted and reused as student abilities change or increase.

$$\begin{array}{r|l|l} 2 & 9 & 4 \\ \hline 7 & 5 & 3 \\ \hline 6 & 1 & 8 \end{array}$$

1.  $\square + \square =$
2.  $L \times \square =$
3.  $\sqcup \div \square =$
4.  $\square - L =$
5.  $\sqcup \times \square =$
6.  $\square^L =$
7.  $\sqcap + \Gamma =$
8.  $(\square \sqcup + \square) \div \square =$
9.  $\Gamma \times (\sqcap - L) =$
10.  $\square + \sqcup \times \sqcup =$
11.  $\Gamma \div \sqcup + (\Gamma - \square) =$
12.  $\square \times \sqcap - \square \times \square =$
13.  $\square \times \Gamma \div (\square + L) =$
14.  $(\sqcap^{\square} - \square \times \sqcup) \div \sqcup =$