Puzzle: October 2024

At a meeting in Leeds on Saturday 2nd November 2019, 77 amazing S/TMC volunteers discussed mathematic problems.

The problem below has a further 7 7's than there were S/TMC volunteers in 2019!

$$\mathbf{777777777} = ABCDE \times FGHIJ + 7000038$$

and

$$\begin{array}{cccccccccc}
 & & & & A & B & C & D & E & \times \\
 & & & & F & G & H & I & J & \\
\hline
 & & & E & I & C & B & D & J & \\
 & & E & H & F & H & B & I & B & \\
 & E & A & A & G & B & H & B & B & \\
E & C & F & E & D & G & B & B & B & \\
\hline
H & E & F & D & F & B & B & B & B & \\
\hline
G & G & B & G & G & G & G & F & J &
\end{array}$$

Find *A, B, C, D, E, F, G, H, I* and *J* that represent different digits.

The names of those sending answers to volunteers@ukmt.org.uk by 30th November will appear in the next Volunteers Newsletter.

Puzzle: June 2024 Answers:

619 737 131 179

Tony C

59 737 131 179

Tony C Kamal L