In this puzzle, every letter of the alphabet represents a different integer from 1 to 26. Your task is to figure out which number is assigned to each letter. To get you started, you are given that \( H = 20 \) and \( N = 17 \). Use the algebraic equations to crack the code and figure out the remaining assignments.

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<th>A</th>
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</table>

Algebraic Equations

\[
\begin{align*}
E &= D \times D \\
B &= E - D \\
H &= E + D \\
B &= T \times D \\
H &= D \times C \\
J &= C - T \\
V &= C \times C \\
Y \times Y &= P + I \\
Y + M &= P - Y \\
P &= V + 1 \\
R &= F - R \\
S &= R - J \\
A &= K + L \\
U &= K \times T \\
Z &= O + W - K \\
O &= W + C \\
X &= T \times C \\
Q &= G - N + U
\end{align*}
\]

More Info:
Check out the CEMC at Home webpage on Tuesday, April 14 for a solution to Sum Code.