Name: $\qquad$ Date: $\qquad$ Score: $\qquad$
Complete the decoder then use it to decipher the secret message.

## The Decoder

| $7 \times 2=$ | A |
| :---: | :---: |
| $1 \times 2=$ | B |
| $3 \times 3=$ | C |
| $9 \times 2=$ | D |
| $1 \times 4=$ | E |
| $8 \times 1=$ | F |
| $3 \times 2=$ | G |


| $1 \times 1=$ | H |
| :---: | :---: |
| $2 \times 5=$ | I |
| $6 \times 8=$ | J |
| $4 \times 3=$ | K |
| $5 \times 6=$ | L |
| $5 \times 5=$ | M |
| $7 \times 1=$ | N |


| $3 \times 5=$ | O |
| :---: | :---: |
| $4 \times 4=$ | P |
| $4 \times 6=$ | Q |
| $7 \times 3=$ | R |
| $9 \times 3=$ | S |
| $7 \times 7=$ | T |
| $8 \times 5=$ | U |


| $9 \times 6=$ | V |
| :---: | :---: |
| $8 \times 9=$ | W |
| $7 \times 9=$ | X |
| $4 \times 5=$ | Y |
| $7 \times 5=$ | Z |
| $5 \times 9=$ | $\cdot$ |

The Secret Message

$$
\begin{aligned}
& \begin{array}{llllllllll}
\overline{14} & \overline{49} & \overline{15} & \overline{20} & \overline{10} & \overline{27} & \overline{7} & \overline{4} & \overline{54} & \overline{4} \\
\hline
\end{array}
\end{aligned}
$$

## Secret Christmas Message (v) Answers

Name: $\qquad$ Date: $\qquad$ Score: $\qquad$
Complete the decoder then use it to decipher the secret message.
The Decoder

| $7 \times 2=$ | 14 | A |
| :---: | :---: | :---: |
| $1 \times 2=$ | 2 | B |
| $3 \times 3=$ | 9 | C |
| $9 \times 2=$ | 18 | D |
| $1 \times 4=$ | 4 | E |
| $8 \times 1=$ | 8 | F |
| $3 \times 2=$ | 6 | G |


| $1 \times 1=$ | 1 | H |
| ---: | :---: | :---: |
| $2 \times 5=$ | 10 | I |
| $6 \times 8=$ | 48 | J |
| $4 \times 3=$ | 12 | K |
| $5 \times 6=$ | 30 | L |
| $5 \times 5=$ | 25 | M |
| $7 \times 1=$ | 7 | N |


| $3 \times 5=$ | 15 | O |
| ---: | :---: | :---: |
| $4 \times 4=$ | 16 | P |
| $4 \times 6=$ | 24 | Q |
| $7 \times 3=$ | 21 | R |
| $9 \times 3=$ | 27 | S |
| $7 \times 7=$ | 49 | T |
| $8 \times 5=$ | 40 | U |


| $9 \times 6=$ | 54 | V |
| ---: | ---: | ---: |
| $8 \times 9=$ | 72 | W |
| $7 \times 9=$ | 63 | X |
| $4 \times 5=$ | 20 | Y |
| $7 \times 5=$ | 35 | Z |
| $5 \times 9=$ | 45 | $\cdot$ |

The Secret Message

$$
\begin{aligned}
& \begin{array}{lllllllllll}
\mathrm{A} \\
\hline 14 & \frac{\mathrm{~T}}{49} & \frac{\mathrm{O}}{15} & \frac{\mathrm{Y}}{20} & \frac{\mathrm{I}}{10} & \frac{\mathrm{~S}}{27} & \frac{\mathrm{~N}}{7} & \frac{\mathrm{E}}{4} & \frac{\mathrm{~V}}{54} & \frac{\mathrm{E}}{4} & \frac{\mathrm{R}}{21}
\end{array} \\
& \frac{\mathrm{~T}}{49} \frac{\mathrm{R}}{21} \frac{\mathrm{U}}{40} \frac{\mathrm{~L}}{30} \quad \frac{\mathrm{Y}}{20} \quad \frac{\mathrm{H}}{1} \quad \frac{\mathrm{~A}}{14} \quad \frac{\mathrm{P}}{16} \quad \frac{\mathrm{P}}{16} \quad \frac{\mathrm{Y}}{20} \quad \begin{array}{llllllll}
40 & \frac{\mathrm{~N}}{7} & \frac{\mathrm{~T}}{49} & \frac{\mathrm{I}}{10} & \frac{\mathrm{~L}}{30}
\end{array} \\
& \frac{\mathrm{I}}{10} \frac{\mathrm{~T}}{49} \quad \frac{\mathrm{I}}{10} \frac{\mathrm{~S}}{27} \quad \frac{\mathrm{~L}}{30} \quad \frac{\mathrm{O}}{15} \quad \frac{\mathrm{~V}}{54} \frac{\mathrm{E}}{4} \quad \frac{\mathrm{D}}{18} \\
& \begin{array}{llllllll}
\frac{B}{2} & \frac{Y}{20} & \frac{A}{14} & \frac{C}{9} & \frac{H}{1} & \frac{I}{10} & \frac{L}{30} & \frac{D}{18} \\
\frac{1}{45}
\end{array}
\end{aligned}
$$

