

## Mental Math Level 5

### WorkSheet#9 | Multiplication: Front End Multiplication (Distributive Principle)

Multiply the following.

$$\begin{array}{r} 1) \quad 838 \\ \quad \quad 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 355 \\ \quad \quad 8 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad 439 \\ \quad \quad 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 4) \quad 599 \\ \quad \quad 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5) \quad 482 \\ \quad \quad 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 6) \quad 396 \\ \quad \quad 8 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 7) \quad 756 \\ \quad \quad 8 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 8) \quad 281 \\ \quad \quad 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 9) \quad 722 \\ \quad \quad 6 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 10) \quad 889 \\ \quad \quad 3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 11) \quad 746 \\ \quad \quad 3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 12) \quad 465 \\ \quad \quad 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 13) \quad 652 \\ \quad \quad 3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 14) \quad 907 \\ \quad \quad 9 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 15) \quad 750 \\ \quad \quad 8 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 16) \quad 674 \\ \quad \quad 7 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 17) \quad 316 \\ \quad \quad 6 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 18) \quad 409 \\ \quad \quad 6 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 19) \quad 268 \\ \quad \quad 9 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 20) \quad 983 \\ \quad \quad 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 21) \quad 559 \\ \quad \quad 7 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 22) \quad 715 \\ \quad \quad 9 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 23) \quad 846 \\ \quad \quad 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 24) \quad 297 \\ \quad \quad 8 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 25) \quad 300 \\ \quad \quad 4 \\ \hline \\ \hline \end{array}$$

Hint: Involves finding the product of the single-digit factor and the digit in the highest place value of the second factor, and adding to this product a second sub-product. Eg.  $706 \times 2 = (700 \times 2) + (6 \times 2) = 1412$