

Mental Math Level 5

WorkSheet#1| Multiplication: Front End Multiplication (Distributive Principle)

Multiply the following.

$$\begin{array}{r} 1) \quad 154 \\ \quad \quad 9 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 820 \\ \quad \quad 9 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad 425 \\ \quad \quad 1 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 4) \quad 971 \\ \quad \quad 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5) \quad 451 \\ \quad \quad 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 6) \quad 870 \\ \quad \quad 8 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 7) \quad 902 \\ \quad \quad 9 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 8) \quad 779 \\ \quad \quad 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 9) \quad 793 \\ \quad \quad 8 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 10) \quad 485 \\ \quad \quad 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 11) \quad 691 \\ \quad \quad 9 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 12) \quad 873 \\ \quad \quad 1 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 13) \quad 197 \\ \quad \quad 9 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 14) \quad 327 \\ \quad \quad 9 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 15) \quad 152 \\ \quad \quad 8 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 16) \quad 816 \\ \quad \quad 3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 17) \quad 543 \\ \quad \quad 3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 18) \quad 108 \\ \quad \quad 9 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 19) \quad 468 \\ \quad \quad 8 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 20) \quad 612 \\ \quad \quad 6 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 21) \quad 110 \\ \quad \quad 9 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 22) \quad 706 \\ \quad \quad 8 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 23) \quad 186 \\ \quad \quad 8 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 24) \quad 126 \\ \quad \quad 9 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 25) \quad 490 \\ \quad \quad 8 \\ \hline \\ \hline \end{array}$$

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. $706 \times 2 = (700 \times 2) + (6 \times 2) = 1412$