

Mental Math Level 5

WorkSheet#14| Multiplication: Front End Multiplication (Distributive Principle)

Multiply the following.

$$\begin{array}{r} 1) \quad 759 \\ \quad \quad 7 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 618 \\ \quad \quad 1 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad 620 \\ \quad \quad 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 4) \quad 589 \\ \quad \quad 7 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5) \quad 481 \\ \quad \quad 9 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 6) \quad 295 \\ \quad \quad 9 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 7) \quad 541 \\ \quad \quad 1 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 8) \quad 157 \\ \quad \quad 8 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 9) \quad 575 \\ \quad \quad 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 10) \quad 125 \\ \quad \quad 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 11) \quad 954 \\ \quad \quad 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 12) \quad 670 \\ \quad \quad 8 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 13) \quad 734 \\ \quad \quad 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 14) \quad 913 \\ \quad \quad 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 15) \quad 763 \\ \quad \quad 9 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 16) \quad 203 \\ \quad \quad 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 17) \quad 203 \\ \quad \quad 8 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 18) \quad 361 \\ \quad \quad 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 19) \quad 930 \\ \quad \quad 8 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 20) \quad 109 \\ \quad \quad 7 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 21) \quad 272 \\ \quad \quad 1 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 22) \quad 305 \\ \quad \quad 1 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 23) \quad 739 \\ \quad \quad 1 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 24) \quad 764 \\ \quad \quad 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 25) \quad 339 \\ \quad \quad 3 \\ \hline \\ \hline \end{array}$$

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