

# Mental Math Level 5

## WorkSheet#12 | Multiplication: Compensation

Multiply the following.

$$\begin{array}{r} 1) \quad 498 \\ \quad 487 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 497 \\ \quad 483 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad 298 \\ \quad 285 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 4) \quad 498 \\ \quad 487 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5) \quad 298 \\ \quad 287 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 6) \quad 199 \\ \quad 187 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 7) \quad 198 \\ \quad 186 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 8) \quad 497 \\ \quad 483 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 9) \quad 498 \\ \quad 487 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 10) \quad 298 \\ \quad 285 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 11) \quad 199 \\ \quad 186 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 12) \quad 197 \\ \quad 185 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 13) \quad 397 \\ \quad 385 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 14) \quad 298 \\ \quad 284 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 15) \quad 298 \\ \quad 287 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 16) \quad 197 \\ \quad 183 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 17) \quad 199 \\ \quad 185 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 18) \quad 398 \\ \quad 384 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 19) \quad 497 \\ \quad 484 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 20) \quad 397 \\ \quad 386 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 21) \quad 399 \\ \quad 386 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 22) \quad 197 \\ \quad 185 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 23) \quad 199 \\ \quad 188 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 24) \quad 397 \\ \quad 386 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 25) \quad 198 \\ \quad 187 \\ \hline \\ \hline \end{array}$$

Hint: Involves changing one factor to a 10 or 100, carrying out the multiplication, and then adjusting the product to compensate for the change. Eg.  $7 \times 198 = 7 \times 200 = 1400$  subtract 14 = 1386