

Name

Date



MULTIPLICATION: 2-DIGITS BY 2-DIGITS CHALLENGE 3

Use your 2-digit multiplication skills to help you with these challenges.

1) Use the digits 5, 6, 7 and 8 in the spaces below to make the answer 3886.

$$\begin{array}{|c|c|} \hline & \\ \hline \end{array} \times \begin{array}{|c|c|} \hline & \\ \hline \end{array} = \begin{array}{|c|c|c|c|} \hline 3 & 8 & 8 & 6 \\ \hline \end{array}$$

2) Use the digits: 5, 6, 7, and 8 in the spaces below to make an answer **as close to 6500 as possible**.

$$\begin{array}{|c|c|} \hline & \\ \hline \end{array} \times \begin{array}{|c|c|} \hline & \\ \hline \end{array}$$

Is as close to 6500 as possible.

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ANSWERS

Please note that as multiplication is commutative, the answers can be in either order.

1) Use the digits 5, 6, 7 and 8 in the spaces below to make the answer 3886.

$$\begin{array}{|c|c|} \hline 5 & 8 \\ \hline \end{array} \times \begin{array}{|c|c|} \hline 6 & 7 \\ \hline \end{array} = \begin{array}{|c|c|c|c|} \hline 3 & 8 & 8 & 6 \\ \hline \end{array}$$

2) Use the digits: 5, 6, 7, and 8 in the spaces below to make an answer **as close to 6500 as possible**.

$$\begin{array}{|c|c|} \hline 7 & 6 \\ \hline \end{array} \times \begin{array}{|c|c|} \hline 8 & 5 \\ \hline \end{array} = \begin{array}{|c|c|c|c|} \hline 6 & 4 & 6 & 0 \\ \hline \end{array}$$