

Name

Date



MULTIPLICATION: 3-DIGITS BY 1-DIGIT CHALLENGE 2

1) Use the digits: 4, 5, 7 and 8 in the spaces below to make the **largest possible answer**.

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

Is as large as possible.

2) Use the digits: 4, 5, 7 and 8 in the spaces below to make **smallest possible answer**.

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

Is as small as possible.

3) Use the digits: 4, 5, 7 and 8 in the spaces below to make the answer 3032.

$$\begin{array}{|c|c|c|} \hline & & \\ \hline \end{array} \times \begin{array}{|c|} \hline \\ \hline \end{array} = \begin{array}{|c|c|c|c|} \hline 3 & 0 & 3 & 2 \\ \hline \end{array}$$

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MULTIPLICATION: 3-DIGITS BY 1-DIGIT CHALLENGE 2

ANSWERS

1) Use the digits: 4, 5, 7 and 8 in the spaces below to make the **largest possible answer**.

$$\begin{array}{|c|c|c|} \hline 7 & 5 & 4 \\ \hline \end{array} \times \begin{array}{|c|} \hline 8 \\ \hline \end{array} = \begin{array}{|c|c|c|c|} \hline 6 & 0 & 3 & 2 \\ \hline \end{array}$$

2) Use the digits: 4, 5, 7 and 8 in the spaces below to make **smallest possible answer**.

$$\begin{array}{|c|c|c|} \hline 5 & 7 & 8 \\ \hline \end{array} \times \begin{array}{|c|} \hline 4 \\ \hline \end{array} = \begin{array}{|c|c|c|c|} \hline 2 & 3 & 1 & 2 \\ \hline \end{array}$$

3) Use the digits: 4, 5, 7 and 8 in the spaces below to make the answer 3032.

$$\begin{array}{|c|c|c|} \hline 7 & 5 & 8 \\ \hline \end{array} \times \begin{array}{|c|} \hline 4 \\ \hline \end{array} = \begin{array}{|c|c|c|c|} \hline 3 & 0 & 3 & 2 \\ \hline \end{array}$$