

Summing Products Challenge

For a challenge, try to fill in the missing numbers. Good luck!

1.
$$\begin{array}{|c|} \hline 7 \times \\ \hline 5 \times \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline 62 \\ \hline \end{array}$$

2.
$$\begin{array}{|c|} \hline 3 \times \\ \hline 6 \times \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline 54 \\ \hline \end{array}$$

3.
$$\begin{array}{|c|} \hline 4 \times \\ \hline 9 \times \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline 54 \\ \hline \end{array}$$

4.
$$\begin{array}{|c|} \hline 9 \times \\ \hline 6 \times \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline 63 \\ \hline \end{array}$$

5.
$$\begin{array}{|c|} \hline 4 \times \\ \hline 9 \times \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline 52 \\ \hline \end{array}$$

6.
$$\begin{array}{|c|} \hline 9 \times \\ \hline 7 \times \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline 50 \\ \hline \end{array}$$

7.
$$\begin{array}{|c|} \hline 4 \times \\ \hline 7 \times \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline 80 \\ \hline \end{array}$$

8.
$$\begin{array}{|c|} \hline 8 \times \\ \hline 6 \times \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline 82 \\ \hline \end{array}$$

9.
$$\begin{array}{|c|} \hline 6 \times \\ \hline 8 \times \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline 102 \\ \hline \end{array}$$

Question

Did you find any strategy to help with these problems? Describe your strategy.

Challenge Create two puzzles for your classmates to solve.

10.
$$\begin{array}{|c|} \hline \times \\ \hline \times \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline \\ \hline \end{array}$$

11.
$$\begin{array}{|c|} \hline \times \\ \hline \times \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline \\ \hline \end{array}$$