



Solve each problem.

1)
$$\begin{array}{r} 1491 \\ \times 234 \\ \hline \end{array}$$

Helper grid: A grid with 4 columns and 3 rows. The top row is aligned under the first three digits of the multiplicand. The second row is shifted one place to the left. The third row is shifted two places to the left. A plus sign is to the left of the grid.

2)
$$\begin{array}{r} 92 \\ \times 75 \\ \hline \end{array}$$

Helper grid: A grid with 2 columns and 2 rows. The top row is aligned under the first two digits of the multiplicand. The second row is shifted one place to the left. A plus sign is to the left of the grid.

3)
$$\begin{array}{r} 1424 \\ \times 393 \\ \hline \end{array}$$

Helper grid: A grid with 4 columns and 3 rows. The top row is aligned under the first three digits of the multiplicand. The second row is shifted one place to the left. The third row is shifted two places to the left. A plus sign is to the left of the grid.

4)
$$\begin{array}{r} 6098 \\ \times 933 \\ \hline \end{array}$$

Helper grid: A grid with 4 columns and 3 rows. The top row is aligned under the first three digits of the multiplicand. The second row is shifted one place to the left. The third row is shifted two places to the left. A plus sign is to the left of the grid.

5)
$$\begin{array}{r} 7647 \\ \times 219 \\ \hline \end{array}$$

Helper grid: A grid with 3 columns and 3 rows. The top row is aligned under the first three digits of the multiplicand. The second row is shifted one place to the left. The third row is shifted two places to the left. A plus sign is to the left of the grid.

6)
$$\begin{array}{r} 21 \\ \times 53 \\ \hline \end{array}$$

Helper grid: A grid with 2 columns and 2 rows. The top row is aligned under the first two digits of the multiplicand. The second row is shifted one place to the left. A plus sign is to the left of the grid.

7)
$$\begin{array}{r} 66 \\ \times 63 \\ \hline \end{array}$$

Helper grid: A grid with 2 columns and 2 rows. The top row is aligned under the first two digits of the multiplicand. The second row is shifted one place to the left. A plus sign is to the left of the grid.

8)
$$\begin{array}{r} 2368 \\ \times 619 \\ \hline \end{array}$$

Helper grid: A grid with 4 columns and 3 rows. The top row is aligned under the first three digits of the multiplicand. The second row is shifted one place to the left. The third row is shifted two places to the left. A plus sign is to the left of the grid.

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____



Solve each problem.

$$\begin{array}{r}
 1491 \\
 \times 234 \\
 \hline
 5964 \\
 44730 \\
 + 298200 \\
 \hline
 348894
 \end{array}$$

$$\begin{array}{r}
 92 \\
 \times 75 \\
 \hline
 460 \\
 + 6440 \\
 \hline
 6900
 \end{array}$$

$$\begin{array}{r}
 1424 \\
 \times 393 \\
 \hline
 4272 \\
 128160 \\
 + 427200 \\
 \hline
 559632
 \end{array}$$

$$\begin{array}{r}
 6098 \\
 \times 933 \\
 \hline
 18294 \\
 182940 \\
 + 5488200 \\
 \hline
 5689434
 \end{array}$$

$$\begin{array}{r}
 7647 \\
 \times 219 \\
 \hline
 68823 \\
 76470 \\
 + 1529400 \\
 \hline
 1674693
 \end{array}$$

$$\begin{array}{r}
 21 \\
 \times 53 \\
 \hline
 63 \\
 + 1050 \\
 \hline
 1113
 \end{array}$$

$$\begin{array}{r}
 66 \\
 \times 63 \\
 \hline
 198 \\
 + 3960 \\
 \hline
 4158
 \end{array}$$

$$\begin{array}{r}
 2368 \\
 \times 619 \\
 \hline
 21312 \\
 23680 \\
 + 1420800 \\
 \hline
 1465792
 \end{array}$$

Answers

1. 348,894

2. 6,900

3. 559,632

4. 5,689,434

5. 1,674,693

6. 1,113

7. 4,158

8. 1,465,792