

# Expanded Form Addition (A)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Calculate each sum using the expanded form of each addend.

1.

$$\begin{array}{r} 584 \xrightarrow{\hspace{1cm}} & 100 \\ + 694 \xrightarrow{\hspace{1cm}} & 500 + 80 + 4 \\ \hline & + 600 + 90 + 4 \\ & 1200 + 70 + 8 \\ & = 1278 \end{array}$$

2.

$$\begin{array}{r} 237 \\ + 466 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 961 \\ + 464 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 171 \\ + 225 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 929 \\ + 294 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 643 \\ + 993 \\ \hline \end{array}$$

7.

$$\begin{array}{r} 981 \\ + 783 \\ \hline \end{array}$$

8.

$$\begin{array}{r} 546 \\ + 213 \\ \hline \end{array}$$

9.

$$\begin{array}{r} 265 \\ + 642 \\ \hline \end{array}$$

10.

$$\begin{array}{r} 644 \\ + 117 \\ \hline \end{array}$$

# Expanded Form Addition (A) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Calculate each sum using the expanded form of each addend.

1. 
$$\begin{array}{r}
 584 \longrightarrow \begin{array}{r} 100 \\ 500 + 80 + 4 \end{array} \\
 + 694 \longrightarrow \begin{array}{r} + 600 + 90 + 4 \\ \hline 1200 + 70 + 8 \end{array} \\
 \hline = 1278
 \end{array}$$

2. 
$$\begin{array}{r}
 237 \longrightarrow \begin{array}{r} 100 \quad 10 \\ 200 + 30 + 7 \end{array} \\
 + 466 \longrightarrow \begin{array}{r} + 400 + 60 + 6 \\ \hline 700 + \quad 0 + 3 \end{array} \\
 \hline = 703
 \end{array}$$

3. 
$$\begin{array}{r}
 961 \longrightarrow \begin{array}{r} 100 \\ 900 + 60 + 1 \end{array} \\
 + 464 \longrightarrow \begin{array}{r} + 400 + 60 + 4 \\ \hline 1400 + 20 + 5 \end{array} \\
 \hline = 1425
 \end{array}$$

4. 
$$\begin{array}{r}
 171 \longrightarrow \begin{array}{r} 100 + 70 + 1 \\ + 200 + 20 + 5 \end{array} \\
 \hline 300 + 90 + 6 \\
 \hline = 396
 \end{array}$$

5. 
$$\begin{array}{r}
 929 \longrightarrow \begin{array}{r} 100 \quad 10 \\ 900 + 20 + 9 \end{array} \\
 + 294 \longrightarrow \begin{array}{r} + 200 + 90 + 4 \\ \hline 1200 + 20 + 3 \end{array} \\
 \hline = 1223
 \end{array}$$

6. 
$$\begin{array}{r}
 643 \longrightarrow \begin{array}{r} 100 \\ 600 + 40 + 3 \end{array} \\
 + 993 \longrightarrow \begin{array}{r} + 900 + 90 + 3 \\ \hline 1600 + 30 + 6 \end{array} \\
 \hline = 1636
 \end{array}$$

7. 
$$\begin{array}{r}
 981 \longrightarrow \begin{array}{r} 100 \\ 900 + 80 + 1 \end{array} \\
 + 783 \longrightarrow \begin{array}{r} + 700 + 80 + 3 \\ \hline 1700 + 60 + 4 \end{array} \\
 \hline = 1764
 \end{array}$$

8. 
$$\begin{array}{r}
 546 \longrightarrow \begin{array}{r} 500 + 40 + 6 \\ + 200 + 10 + 3 \end{array} \\
 \hline 700 + 50 + 9 \\
 \hline = 759
 \end{array}$$

9. 
$$\begin{array}{r}
 265 \longrightarrow \begin{array}{r} 100 \\ 200 + 60 + 5 \end{array} \\
 + 642 \longrightarrow \begin{array}{r} + 600 + 40 + 2 \\ \hline 900 + \quad 0 + 7 \end{array} \\
 \hline = 907
 \end{array}$$

10. 
$$\begin{array}{r}
 644 \longrightarrow \begin{array}{r} 600 + 40 + 4 \\ + 100 + 10 + 7 \end{array} \\
 \hline 700 + 60 + 1 \\
 \hline = 761
 \end{array}$$