

Expanded Form Addition (I)

Name: _____

Date: _____

Calculate each sum using the expanded form of each addend.

1.

$$\begin{array}{r} 688 \xrightarrow{\hspace{1cm}} & 100 & 10 \\ + 336 \xrightarrow{\hspace{1cm}} & 600 + 80 + 8 \\ \hline & + 300 + 30 + 6 \\ & \hline 1000 + 20 + 4 \\ & = 1024 \end{array}$$

2.

$$\begin{array}{r} 835 \\ + 418 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 721 \\ + 914 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 912 \\ + 329 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 699 \\ + 313 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 635 \\ + 847 \\ \hline \end{array}$$

7.

$$\begin{array}{r} 514 \\ + 948 \\ \hline \end{array}$$

8.

$$\begin{array}{r} 482 \\ + 745 \\ \hline \end{array}$$

9.

$$\begin{array}{r} 843 \\ + 489 \\ \hline \end{array}$$

10.

$$\begin{array}{r} 963 \\ + 154 \\ \hline \end{array}$$

Expanded Form Addition (I) Answers

Name: _____

Date: _____

Calculate each sum using the expanded form of each addend.

1.
$$\begin{array}{r} 688 \longrightarrow \begin{array}{r} 100 \\ 600 + 80 + 8 \end{array} \\ + 336 \longrightarrow \begin{array}{r} + 300 + 30 + 6 \\ \hline 1000 + 20 + 4 \\ = 1024 \end{array} \end{array}$$

2.
$$\begin{array}{r} 835 \longrightarrow \begin{array}{r} 10 \\ 800 + 30 + 5 \end{array} \\ + 418 \longrightarrow \begin{array}{r} + 400 + 10 + 8 \\ \hline 1200 + 50 + 3 \\ = 1253 \end{array} \end{array}$$

3.
$$\begin{array}{r} 721 \longrightarrow \begin{array}{r} 700 + 20 + 1 \end{array} \\ + 914 \longrightarrow \begin{array}{r} + 900 + 10 + 4 \\ \hline 1600 + 30 + 5 \\ = 1635 \end{array} \end{array}$$

4.
$$\begin{array}{r} 912 \longrightarrow \begin{array}{r} 900 + 10 + 2 \end{array} \\ + 329 \longrightarrow \begin{array}{r} + 300 + 20 + 9 \\ \hline 1200 + 40 + 1 \\ = 1241 \end{array} \end{array}$$

5.
$$\begin{array}{r} 699 \longrightarrow \begin{array}{r} 100 \\ 600 + 90 + 9 \end{array} \\ + 313 \longrightarrow \begin{array}{r} + 300 + 10 + 3 \\ \hline 1000 + 10 + 2 \\ = 1012 \end{array} \end{array}$$

6.
$$\begin{array}{r} 635 \longrightarrow \begin{array}{r} 10 \\ 600 + 30 + 5 \end{array} \\ + 847 \longrightarrow \begin{array}{r} + 800 + 40 + 7 \\ \hline 1400 + 80 + 2 \\ = 1482 \end{array} \end{array}$$

7.
$$\begin{array}{r} 514 \longrightarrow \begin{array}{r} 500 + 10 + 4 \end{array} \\ + 948 \longrightarrow \begin{array}{r} + 900 + 40 + 8 \\ \hline 1400 + 60 + 2 \\ = 1462 \end{array} \end{array}$$

8.
$$\begin{array}{r} 482 \longrightarrow \begin{array}{r} 100 \\ 400 + 80 + 2 \end{array} \\ + 745 \longrightarrow \begin{array}{r} + 700 + 40 + 5 \\ \hline 1200 + 20 + 7 \\ = 1227 \end{array} \end{array}$$

9.
$$\begin{array}{r} 843 \longrightarrow \begin{array}{r} 100 \\ 800 + 40 + 3 \end{array} \\ + 489 \longrightarrow \begin{array}{r} + 400 + 80 + 9 \\ \hline 1300 + 30 + 2 \\ = 1332 \end{array} \end{array}$$

10.
$$\begin{array}{r} 963 \longrightarrow \begin{array}{r} 100 \\ 900 + 60 + 3 \end{array} \\ + 154 \longrightarrow \begin{array}{r} + 100 + 50 + 4 \\ \hline 1100 + 10 + 7 \\ = 1117 \end{array} \end{array}$$