

Expanded Form Addition (D)

Name: _____

Date: _____

Calculate each sum using the expanded form of each addend.

1.

$$\begin{array}{r} 286 \\ + 165 \\ \hline \end{array} \longrightarrow \begin{array}{r} 100 \quad 10 \\ 200 + 80 + 6 \\ + 100 + 60 + 5 \\ \hline 400 + 50 + 1 \\ = 451 \end{array}$$

2.

$$\begin{array}{r} 846 \\ + 246 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 876 \\ + 442 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 596 \\ + 775 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 744 \\ + 454 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 174 \\ + 391 \\ \hline \end{array}$$

7.

$$\begin{array}{r} 821 \\ + 452 \\ \hline \end{array}$$

8.

$$\begin{array}{r} 595 \\ + 239 \\ \hline \end{array}$$

9.

$$\begin{array}{r} 836 \\ + 221 \\ \hline \end{array}$$

10.

$$\begin{array}{r} 848 \\ + 461 \\ \hline \end{array}$$

Expanded Form Addition (D) Answers

Name: _____

Date: _____

Calculate each sum using the expanded form of each addend.

1.

$$\begin{array}{r} 286 \longrightarrow 200 + 80 + 6 \\ + 165 \longrightarrow + 100 + 60 + 5 \\ \hline 400 + 50 + 1 \\ = 451 \end{array}$$

2.

$$\begin{array}{r} 846 \longrightarrow 800 + 40 + 6 \\ + 246 \longrightarrow + 200 + 40 + 6 \\ \hline 1000 + 90 + 2 \\ = 1092 \end{array}$$

3.

$$\begin{array}{r} 876 \longrightarrow 800 + 70 + 6 \\ + 442 \longrightarrow + 400 + 40 + 2 \\ \hline 1300 + 10 + 8 \\ = 1318 \end{array}$$

4.

$$\begin{array}{r} 596 \longrightarrow 500 + 90 + 6 \\ + 775 \longrightarrow + 700 + 70 + 5 \\ \hline 1300 + 70 + 1 \\ = 1371 \end{array}$$

5.

$$\begin{array}{r} 744 \longrightarrow 700 + 40 + 4 \\ + 454 \longrightarrow + 400 + 50 + 4 \\ \hline 1100 + 90 + 8 \\ = 1198 \end{array}$$

6.

$$\begin{array}{r} 174 \longrightarrow 100 + 70 + 4 \\ + 391 \longrightarrow + 300 + 90 + 1 \\ \hline 500 + 60 + 5 \\ = 565 \end{array}$$

7.

$$\begin{array}{r} 821 \longrightarrow 800 + 20 + 1 \\ + 452 \longrightarrow + 400 + 50 + 2 \\ \hline 1200 + 70 + 3 \\ = 1273 \end{array}$$

8.

$$\begin{array}{r} 595 \longrightarrow 500 + 90 + 5 \\ + 239 \longrightarrow + 200 + 30 + 9 \\ \hline 800 + 30 + 4 \\ = 834 \end{array}$$

9.

$$\begin{array}{r} 836 \longrightarrow 800 + 30 + 6 \\ + 221 \longrightarrow + 200 + 20 + 1 \\ \hline 1000 + 50 + 7 \\ = 1057 \end{array}$$

10.

$$\begin{array}{r} 848 \longrightarrow 800 + 40 + 8 \\ + 461 \longrightarrow + 400 + 60 + 1 \\ \hline 1300 + 0 + 9 \\ = 1309 \end{array}$$