

Expanded Form Addition (A)

Name: _____

Date: _____

Calculate each sum using the expanded form of each addend.

1.

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

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.

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

2.

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

3.

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

4.

$$\begin{array}{r} 171 \longrightarrow 100 + 70 + 1 \\ + 225 \longrightarrow + 200 + 20 + 5 \\ \hline 300 + 90 + 6 \\ = 396 \end{array}$$

5.

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

6.

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

7.

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

8.

$$\begin{array}{r} 546 \longrightarrow 500 + 40 + 6 \\ + 213 \longrightarrow + 200 + 10 + 3 \\ \hline 700 + 50 + 9 \\ = 759 \end{array}$$

9.

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

10.

$$\begin{array}{r} 644 \longrightarrow 600 + 40 + 4 \\ + 117 \longrightarrow + 100 + 10 + 7 \\ \hline 700 + 60 + 1 \\ = 761 \end{array}$$

Expanded Form Addition (B)

Name: _____

Date: _____

Calculate each sum using the expanded form of each addend.

1.

$$\begin{array}{r} 484 \longrightarrow \\ + 746 \longrightarrow \\ \hline \end{array} \longrightarrow \begin{array}{r} 100 \quad 10 \\ 400 + 80 + 4 \\ + 700 + 40 + 6 \\ \hline 1200 + 30 + 0 \\ = 1230 \end{array}$$

2.

$$\begin{array}{r} 288 \\ + 315 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 616 \\ + 758 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 513 \\ + 778 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 979 \\ + 433 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 324 \\ + 788 \\ \hline \end{array}$$

7.

$$\begin{array}{r} 431 \\ + 888 \\ \hline \end{array}$$

8.

$$\begin{array}{r} 363 \\ + 716 \\ \hline \end{array}$$

9.

$$\begin{array}{r} 249 \\ + 197 \\ \hline \end{array}$$

10.

$$\begin{array}{r} 722 \\ + 497 \\ \hline \end{array}$$

Expanded Form Addition (B) Answers

Name: _____

Date: _____

Calculate each sum using the expanded form of each addend.

1.

$$\begin{array}{r} 484 \longrightarrow 400 + 80 + 4 \\ + 746 \longrightarrow + 700 + 40 + 6 \\ \hline 1200 + 30 + 0 \\ = 1230 \end{array}$$

2.

$$\begin{array}{r} 288 \longrightarrow 200 + 80 + 8 \\ + 315 \longrightarrow + 300 + 10 + 5 \\ \hline 600 + 0 + 3 \\ = 603 \end{array}$$

3.

$$\begin{array}{r} 616 \longrightarrow 600 + 10 + 6 \\ + 758 \longrightarrow + 700 + 50 + 8 \\ \hline 1300 + 70 + 4 \\ = 1374 \end{array}$$

4.

$$\begin{array}{r} 513 \longrightarrow 500 + 10 + 3 \\ + 778 \longrightarrow + 700 + 70 + 8 \\ \hline 1200 + 90 + 1 \\ = 1291 \end{array}$$

5.

$$\begin{array}{r} 979 \longrightarrow 900 + 70 + 9 \\ + 433 \longrightarrow + 400 + 30 + 3 \\ \hline 1400 + 10 + 2 \\ = 1412 \end{array}$$

6.

$$\begin{array}{r} 324 \longrightarrow 300 + 20 + 4 \\ + 788 \longrightarrow + 700 + 80 + 8 \\ \hline 1100 + 10 + 2 \\ = 1112 \end{array}$$

7.

$$\begin{array}{r} 431 \longrightarrow 400 + 30 + 1 \\ + 888 \longrightarrow + 800 + 80 + 8 \\ \hline 1300 + 10 + 9 \\ = 1319 \end{array}$$

8.

$$\begin{array}{r} 363 \longrightarrow 300 + 60 + 3 \\ + 716 \longrightarrow + 700 + 10 + 6 \\ \hline 1000 + 70 + 9 \\ = 1079 \end{array}$$

9.

$$\begin{array}{r} 249 \longrightarrow 200 + 40 + 9 \\ + 197 \longrightarrow + 100 + 90 + 7 \\ \hline 400 + 40 + 6 \\ = 446 \end{array}$$

10.

$$\begin{array}{r} 722 \longrightarrow 700 + 20 + 2 \\ + 497 \longrightarrow + 400 + 90 + 7 \\ \hline 1200 + 10 + 9 \\ = 1219 \end{array}$$

Expanded Form Addition (C)

Name: _____

Date: _____

Calculate each sum using the expanded form of each addend.

1.

$$\begin{array}{r} 312 \longrightarrow \\ + 715 \longrightarrow \\ \hline \end{array} \longrightarrow \begin{array}{r} 300 + 10 + 2 \\ + 700 + 10 + 5 \\ \hline 1000 + 20 + 7 \\ = 1027 \end{array}$$

2.

$$\begin{array}{r} 439 \\ + 933 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 414 \\ + 687 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 374 \\ + 992 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 849 \\ + 654 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 711 \\ + 138 \\ \hline \end{array}$$

7.

$$\begin{array}{r} 827 \\ + 854 \\ \hline \end{array}$$

8.

$$\begin{array}{r} 848 \\ + 478 \\ \hline \end{array}$$

9.

$$\begin{array}{r} 881 \\ + 897 \\ \hline \end{array}$$

10.

$$\begin{array}{r} 289 \\ + 794 \\ \hline \end{array}$$

Expanded Form Addition (C) Answers

Name: _____

Date: _____

Calculate each sum using the expanded form of each addend.

1.

$$\begin{array}{r} 312 \longrightarrow 300 + 10 + 2 \\ + 715 \longrightarrow + 700 + 10 + 5 \\ \hline 1000 + 20 + 7 \\ = 1027 \end{array}$$

2.

$$\begin{array}{r} 439 \longrightarrow 400 + 30 + 9 \\ + 933 \longrightarrow + 900 + 30 + 3 \\ \hline 1300 + 70 + 2 \\ = 1372 \end{array}$$

3.

$$\begin{array}{r} 414 \longrightarrow 400 + 10 + 4 \\ + 687 \longrightarrow + 600 + 80 + 7 \\ \hline 1100 + 0 + 1 \\ = 1101 \end{array}$$

4.

$$\begin{array}{r} 374 \longrightarrow 300 + 70 + 4 \\ + 992 \longrightarrow + 900 + 90 + 2 \\ \hline 1300 + 60 + 6 \\ = 1366 \end{array}$$

5.

$$\begin{array}{r} 849 \longrightarrow 800 + 40 + 9 \\ + 654 \longrightarrow + 600 + 50 + 4 \\ \hline 1500 + 0 + 3 \\ = 1503 \end{array}$$

6.

$$\begin{array}{r} 711 \longrightarrow 700 + 10 + 1 \\ + 138 \longrightarrow + 100 + 30 + 8 \\ \hline 800 + 40 + 9 \\ = 849 \end{array}$$

7.

$$\begin{array}{r} 827 \longrightarrow 800 + 20 + 7 \\ + 854 \longrightarrow + 800 + 50 + 4 \\ \hline 1600 + 80 + 1 \\ = 1681 \end{array}$$

8.

$$\begin{array}{r} 848 \longrightarrow 800 + 40 + 8 \\ + 478 \longrightarrow + 400 + 70 + 8 \\ \hline 1300 + 20 + 6 \\ = 1326 \end{array}$$

9.

$$\begin{array}{r} 881 \longrightarrow 800 + 80 + 1 \\ + 897 \longrightarrow + 800 + 90 + 7 \\ \hline 1700 + 70 + 8 \\ = 1778 \end{array}$$

10.

$$\begin{array}{r} 289 \longrightarrow 200 + 80 + 9 \\ + 794 \longrightarrow + 700 + 90 + 4 \\ \hline 1000 + 80 + 3 \\ = 1083 \end{array}$$

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.

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

Expanded Form Addition (E)

Name: _____

Date: _____

Calculate each sum using the expanded form of each addend.

1.

$$\begin{array}{r} 426 \\ + 978 \\ \hline \end{array} \longrightarrow \begin{array}{r} 100 \quad 10 \\ 400 + 20 + 6 \\ + 900 + 70 + 8 \\ \hline 1400 + 0 + 4 \\ = 1404 \end{array}$$

2.

$$\begin{array}{r} 155 \\ + 397 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 887 \\ + 244 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 135 \\ + 641 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 375 \\ + 732 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 164 \\ + 682 \\ \hline \end{array}$$

7.

$$\begin{array}{r} 996 \\ + 196 \\ \hline \end{array}$$

8.

$$\begin{array}{r} 175 \\ + 676 \\ \hline \end{array}$$

9.

$$\begin{array}{r} 352 \\ + 949 \\ \hline \end{array}$$

10.

$$\begin{array}{r} 939 \\ + 781 \\ \hline \end{array}$$

Expanded Form Addition (E) Answers

Name: _____

Date: _____

Calculate each sum using the expanded form of each addend.

1.

$$\begin{array}{r} 426 \longrightarrow 100 \quad 10 \\ + 978 \longrightarrow + 400 + 20 + 6 \\ \hline + 900 + 70 + 8 \\ \hline 1400 + 0 + 4 \\ = 1404 \end{array}$$

2.

$$\begin{array}{r} 155 \longrightarrow 100 \quad 10 \\ + 397 \longrightarrow + 100 + 50 + 5 \\ \hline + 300 + 90 + 7 \\ \hline 500 + 50 + 2 \\ = 552 \end{array}$$

3.

$$\begin{array}{r} 887 \longrightarrow 100 \quad 10 \\ + 244 \longrightarrow + 800 + 80 + 7 \\ \hline + 200 + 40 + 4 \\ \hline 1100 + 30 + 1 \\ = 1131 \end{array}$$

4.

$$\begin{array}{r} 135 \longrightarrow 100 + 30 + 5 \\ + 641 \longrightarrow + 600 + 40 + 1 \\ \hline + 600 + 40 + 1 \\ \hline 700 + 70 + 6 \\ = 776 \end{array}$$

5.

$$\begin{array}{r} 375 \longrightarrow 100 \\ + 732 \longrightarrow + 300 + 70 + 5 \\ \hline + 700 + 30 + 2 \\ \hline 1100 + 0 + 7 \\ = 1107 \end{array}$$

6.

$$\begin{array}{r} 164 \longrightarrow 100 \\ + 682 \longrightarrow + 100 + 60 + 4 \\ \hline + 600 + 80 + 2 \\ \hline 800 + 40 + 6 \\ = 846 \end{array}$$

7.

$$\begin{array}{r} 996 \longrightarrow 100 \quad 10 \\ + 196 \longrightarrow + 900 + 90 + 6 \\ \hline + 100 + 90 + 6 \\ \hline 1100 + 90 + 2 \\ = 1192 \end{array}$$

8.

$$\begin{array}{r} 175 \longrightarrow 100 \quad 10 \\ + 676 \longrightarrow + 100 + 70 + 5 \\ \hline + 600 + 70 + 6 \\ \hline 800 + 50 + 1 \\ = 851 \end{array}$$

9.

$$\begin{array}{r} 352 \longrightarrow 100 \quad 10 \\ + 949 \longrightarrow + 300 + 50 + 2 \\ \hline + 900 + 40 + 9 \\ \hline 1300 + 0 + 1 \\ = 1301 \end{array}$$

10.

$$\begin{array}{r} 939 \longrightarrow 100 \quad 10 \\ + 781 \longrightarrow + 900 + 30 + 9 \\ \hline + 700 + 80 + 1 \\ \hline 1700 + 20 + 0 \\ = 1720 \end{array}$$

Expanded Form Addition (F)

Name: _____

Date: _____

Calculate each sum using the expanded form of each addend.

1.

$$\begin{array}{r} 957 \\ + 589 \\ \hline \end{array} \longrightarrow \begin{array}{r} 100 \quad 10 \\ 900 + 50 + 7 \\ + 500 + 80 + 9 \\ \hline 1500 + 40 + 6 \\ = 1546 \end{array}$$

2.

$$\begin{array}{r} 751 \\ + 865 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 916 \\ + 544 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 145 \\ + 869 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 925 \\ + 614 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 596 \\ + 931 \\ \hline \end{array}$$

7.

$$\begin{array}{r} 433 \\ + 932 \\ \hline \end{array}$$

8.

$$\begin{array}{r} 236 \\ + 354 \\ \hline \end{array}$$

9.

$$\begin{array}{r} 317 \\ + 875 \\ \hline \end{array}$$

10.

$$\begin{array}{r} 513 \\ + 773 \\ \hline \end{array}$$

Expanded Form Addition (F) Answers

Name: _____

Date: _____

Calculate each sum using the expanded form of each addend.

1.

$$\begin{array}{r} 957 \longrightarrow 900 + 50 + 7 \\ + 589 \longrightarrow + 500 + 80 + 9 \\ \hline 1500 + 40 + 6 \\ = 1546 \end{array}$$

2.

$$\begin{array}{r} 751 \longrightarrow 700 + 50 + 1 \\ + 865 \longrightarrow + 800 + 60 + 5 \\ \hline 1600 + 10 + 6 \\ = 1616 \end{array}$$

3.

$$\begin{array}{r} 916 \longrightarrow 900 + 10 + 6 \\ + 544 \longrightarrow + 500 + 40 + 4 \\ \hline 1400 + 60 + 0 \\ = 1460 \end{array}$$

4.

$$\begin{array}{r} 145 \longrightarrow 100 + 40 + 5 \\ + 869 \longrightarrow + 800 + 60 + 9 \\ \hline 1000 + 10 + 4 \\ = 1014 \end{array}$$

5.

$$\begin{array}{r} 925 \longrightarrow 900 + 20 + 5 \\ + 614 \longrightarrow + 600 + 10 + 4 \\ \hline 1500 + 30 + 9 \\ = 1539 \end{array}$$

6.

$$\begin{array}{r} 596 \longrightarrow 500 + 90 + 6 \\ + 931 \longrightarrow + 900 + 30 + 1 \\ \hline 1500 + 20 + 7 \\ = 1527 \end{array}$$

7.

$$\begin{array}{r} 433 \longrightarrow 400 + 30 + 3 \\ + 932 \longrightarrow + 900 + 30 + 2 \\ \hline 1300 + 60 + 5 \\ = 1365 \end{array}$$

8.

$$\begin{array}{r} 236 \longrightarrow 200 + 30 + 6 \\ + 354 \longrightarrow + 300 + 50 + 4 \\ \hline 500 + 90 + 0 \\ = 590 \end{array}$$

9.

$$\begin{array}{r} 317 \longrightarrow 300 + 10 + 7 \\ + 875 \longrightarrow + 800 + 70 + 5 \\ \hline 1100 + 90 + 2 \\ = 1192 \end{array}$$

10.

$$\begin{array}{r} 513 \longrightarrow 500 + 10 + 3 \\ + 773 \longrightarrow + 700 + 70 + 3 \\ \hline 1200 + 80 + 6 \\ = 1286 \end{array}$$

Expanded Form Addition (G)

Name: _____

Date: _____

Calculate each sum using the expanded form of each addend.

1.

$$\begin{array}{r} 214 \longrightarrow 200 + 10 + 4 \\ + 532 \longrightarrow + 500 + 30 + 2 \\ \hline 700 + 40 + 6 \\ = 746 \end{array}$$

2.

$$\begin{array}{r} 325 \\ + 935 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 557 \\ + 211 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 571 \\ + 346 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 928 \\ + 431 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 843 \\ + 746 \\ \hline \end{array}$$

7.

$$\begin{array}{r} 233 \\ + 913 \\ \hline \end{array}$$

8.

$$\begin{array}{r} 755 \\ + 479 \\ \hline \end{array}$$

9.

$$\begin{array}{r} 192 \\ + 957 \\ \hline \end{array}$$

10.

$$\begin{array}{r} 656 \\ + 497 \\ \hline \end{array}$$

Expanded Form Addition (G) Answers

Name: _____

Date: _____

Calculate each sum using the expanded form of each addend.

1.

$$\begin{array}{r} 214 \longrightarrow 200 + 10 + 4 \\ + 532 \longrightarrow + 500 + 30 + 2 \\ \hline 700 + 40 + 6 \\ = 746 \end{array}$$

2.

$$\begin{array}{r} 325 \longrightarrow 300 + 20 + 5 \\ + 935 \longrightarrow + 900 + 30 + 5 \\ \hline 1200 + 60 + 0 \\ = 1260 \end{array}$$

3.

$$\begin{array}{r} 557 \longrightarrow 500 + 50 + 7 \\ + 211 \longrightarrow + 200 + 10 + 1 \\ \hline 700 + 60 + 8 \\ = 768 \end{array}$$

4.

$$\begin{array}{r} 571 \longrightarrow 500 + 70 + 1 \\ + 346 \longrightarrow + 300 + 40 + 6 \\ \hline 900 + 10 + 7 \\ = 917 \end{array}$$

5.

$$\begin{array}{r} 928 \longrightarrow 900 + 20 + 8 \\ + 431 \longrightarrow + 400 + 30 + 1 \\ \hline 1300 + 50 + 9 \\ = 1359 \end{array}$$

6.

$$\begin{array}{r} 843 \longrightarrow 800 + 40 + 3 \\ + 746 \longrightarrow + 700 + 40 + 6 \\ \hline 1500 + 80 + 9 \\ = 1589 \end{array}$$

7.

$$\begin{array}{r} 233 \longrightarrow 200 + 30 + 3 \\ + 913 \longrightarrow + 900 + 10 + 3 \\ \hline 1100 + 40 + 6 \\ = 1146 \end{array}$$

8.

$$\begin{array}{r} 755 \longrightarrow 700 + 50 + 5 \\ + 479 \longrightarrow + 400 + 70 + 9 \\ \hline 1200 + 30 + 4 \\ = 1234 \end{array}$$

9.

$$\begin{array}{r} 192 \longrightarrow 100 + 90 + 2 \\ + 957 \longrightarrow + 900 + 50 + 7 \\ \hline 1100 + 40 + 9 \\ = 1149 \end{array}$$

10.

$$\begin{array}{r} 656 \longrightarrow 600 + 50 + 6 \\ + 497 \longrightarrow + 400 + 90 + 7 \\ \hline 1100 + 50 + 3 \\ = 1153 \end{array}$$

Expanded Form Addition (H)

Name: _____

Date: _____

Calculate each sum using the expanded form of each addend.

1.

$$\begin{array}{r} 921 \longrightarrow 900 + 20 + 1 \\ + 467 \longrightarrow + 400 + 60 + 7 \\ \hline 1300 + 80 + 8 \\ = 1388 \end{array}$$

2.

$$\begin{array}{r} 737 \\ + 271 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 623 \\ + 887 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 517 \\ + 321 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 891 \\ + 417 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 728 \\ + 753 \\ \hline \end{array}$$

7.

$$\begin{array}{r} 492 \\ + 393 \\ \hline \end{array}$$

8.

$$\begin{array}{r} 431 \\ + 572 \\ \hline \end{array}$$

9.

$$\begin{array}{r} 264 \\ + 628 \\ \hline \end{array}$$

10.

$$\begin{array}{r} 236 \\ + 771 \\ \hline \end{array}$$

Expanded Form Addition (H) Answers

Name: _____

Date: _____

Calculate each sum using the expanded form of each addend.

1.

$$\begin{array}{r} 921 \longrightarrow 900 + 20 + 1 \\ + 467 \longrightarrow + 400 + 60 + 7 \\ \hline 1300 + 80 + 8 \\ = 1388 \end{array}$$

2.

$$\begin{array}{r} 737 \longrightarrow 700 + 30 + 7 \\ + 271 \longrightarrow + 200 + 70 + 1 \\ \hline 1000 + 0 + 8 \\ = 1008 \end{array}$$

3.

$$\begin{array}{r} 623 \longrightarrow 600 + 20 + 3 \\ + 887 \longrightarrow + 800 + 80 + 7 \\ \hline 1500 + 10 + 0 \\ = 1510 \end{array}$$

4.

$$\begin{array}{r} 517 \longrightarrow 500 + 10 + 7 \\ + 321 \longrightarrow + 300 + 20 + 1 \\ \hline 800 + 30 + 8 \\ = 838 \end{array}$$

5.

$$\begin{array}{r} 891 \longrightarrow 800 + 90 + 1 \\ + 417 \longrightarrow + 400 + 10 + 7 \\ \hline 1300 + 0 + 8 \\ = 1308 \end{array}$$

6.

$$\begin{array}{r} 728 \longrightarrow 700 + 20 + 8 \\ + 753 \longrightarrow + 700 + 50 + 3 \\ \hline 1400 + 80 + 1 \\ = 1481 \end{array}$$

7.

$$\begin{array}{r} 492 \longrightarrow 400 + 90 + 2 \\ + 393 \longrightarrow + 300 + 90 + 3 \\ \hline 800 + 80 + 5 \\ = 885 \end{array}$$

8.

$$\begin{array}{r} 431 \longrightarrow 400 + 30 + 1 \\ + 572 \longrightarrow + 500 + 70 + 2 \\ \hline 1000 + 0 + 3 \\ = 1003 \end{array}$$

9.

$$\begin{array}{r} 264 \longrightarrow 200 + 60 + 4 \\ + 628 \longrightarrow + 600 + 20 + 8 \\ \hline 800 + 90 + 2 \\ = 892 \end{array}$$

10.

$$\begin{array}{r} 236 \longrightarrow 200 + 30 + 6 \\ + 771 \longrightarrow + 700 + 70 + 1 \\ \hline 1000 + 0 + 7 \\ = 1007 \end{array}$$

Expanded Form Addition (I)

Name: _____

Date: _____

Calculate each sum using the expanded form of each addend.

1.

$$\begin{array}{r} 688 \\ + 336 \\ \hline \end{array} \longrightarrow \begin{array}{r} 100 \quad 10 \\ 600 + 80 + 8 \\ + 300 + 30 + 6 \\ \hline 1000 + 20 + 4 \\ = 1024 \end{array}$$

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.

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

2.

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

3.

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

4.

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

5.

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

6.

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

7.

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

8.

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

9.

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

10.

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

Expanded Form Addition (J)

Name: _____

Date: _____

Calculate each sum using the expanded form of each addend.

1.

$$\begin{array}{r} 765 \longrightarrow \\ + 282 \longrightarrow \\ \hline \end{array} \longrightarrow \begin{array}{r} 100 \\ 700 + 60 + 5 \\ + 200 + 80 + 2 \\ \hline 1000 + 40 + 7 \\ = 1047 \end{array}$$

2.

$$\begin{array}{r} 687 \\ + 827 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 371 \\ + 638 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 673 \\ + 328 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 349 \\ + 296 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 623 \\ + 486 \\ \hline \end{array}$$

7.

$$\begin{array}{r} 626 \\ + 539 \\ \hline \end{array}$$

8.

$$\begin{array}{r} 655 \\ + 694 \\ \hline \end{array}$$

9.

$$\begin{array}{r} 885 \\ + 397 \\ \hline \end{array}$$

10.

$$\begin{array}{r} 157 \\ + 224 \\ \hline \end{array}$$

Expanded Form Addition (J) Answers

Name: _____

Date: _____

Calculate each sum using the expanded form of each addend.

1.

$$\begin{array}{r} 765 \longrightarrow 700 + 60 + 5 \\ + 282 \longrightarrow + 200 + 80 + 2 \\ \hline 1000 + 40 + 7 \\ = 1047 \end{array}$$

2.

$$\begin{array}{r} 687 \longrightarrow 600 + 80 + 7 \\ + 827 \longrightarrow + 800 + 20 + 7 \\ \hline 1500 + 10 + 4 \\ = 1514 \end{array}$$

3.

$$\begin{array}{r} 371 \longrightarrow 300 + 70 + 1 \\ + 638 \longrightarrow + 600 + 30 + 8 \\ \hline 1000 + 0 + 9 \\ = 1009 \end{array}$$

4.

$$\begin{array}{r} 673 \longrightarrow 600 + 70 + 3 \\ + 328 \longrightarrow + 300 + 20 + 8 \\ \hline 1000 + 0 + 1 \\ = 1001 \end{array}$$

5.

$$\begin{array}{r} 349 \longrightarrow 300 + 40 + 9 \\ + 296 \longrightarrow + 200 + 90 + 6 \\ \hline 600 + 40 + 5 \\ = 645 \end{array}$$

6.

$$\begin{array}{r} 623 \longrightarrow 600 + 20 + 3 \\ + 486 \longrightarrow + 400 + 80 + 6 \\ \hline 1100 + 0 + 9 \\ = 1109 \end{array}$$

7.

$$\begin{array}{r} 626 \longrightarrow 600 + 20 + 6 \\ + 539 \longrightarrow + 500 + 30 + 9 \\ \hline 1100 + 60 + 5 \\ = 1165 \end{array}$$

8.

$$\begin{array}{r} 655 \longrightarrow 600 + 50 + 5 \\ + 694 \longrightarrow + 600 + 90 + 4 \\ \hline 1300 + 40 + 9 \\ = 1349 \end{array}$$

9.

$$\begin{array}{r} 885 \longrightarrow 800 + 80 + 5 \\ + 397 \longrightarrow + 300 + 90 + 7 \\ \hline 1200 + 80 + 2 \\ = 1282 \end{array}$$

10.

$$\begin{array}{r} 157 \longrightarrow 100 + 50 + 7 \\ + 224 \longrightarrow + 200 + 20 + 4 \\ \hline 300 + 80 + 1 \\ = 381 \end{array}$$