

# Expanded Form Subtraction (A)

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

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

Calculate each difference using the expanded form of each number.

1.

$$\begin{array}{r} 933 \\ - 236 \\ \hline \end{array} \rightarrow \begin{array}{r} 800 \quad 120 \quad 13 \\ \cancel{900} + \cancel{30} + \cancel{3} \\ - 200 + 30 + 6 \\ \hline 600 + 90 + 7 \\ = 697 \end{array}$$

2.

$$\begin{array}{r} 502 \\ - 115 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 842 \\ - 666 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 871 \\ - 638 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 735 \\ - 400 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 907 \\ - 518 \\ \hline \end{array}$$

7.

$$\begin{array}{r} 359 \\ - 272 \\ \hline \end{array}$$

8.

$$\begin{array}{r} 891 \\ - 620 \\ \hline \end{array}$$

9.

$$\begin{array}{r} 237 \\ - 180 \\ \hline \end{array}$$

10.

$$\begin{array}{r} 564 \\ - 243 \\ \hline \end{array}$$

# Expanded Form Subtraction (A) Answers

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

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

Calculate each difference using the expanded form of each number.

1.

$$\begin{array}{r} 933 \longrightarrow 800 \ 120 \ 13 \\ - 236 \longrightarrow - 200 + 30 + 6 \\ \hline 600 + 90 + 7 \\ = 697 \end{array}$$

2.

$$\begin{array}{r} 502 \longrightarrow 400 \ 90 \ 12 \\ - 115 \longrightarrow - 500 + 0 + 2 \\ \hline - 100 + 10 + 5 \\ \hline 300 + 80 + 7 \\ = 387 \end{array}$$

3.

$$\begin{array}{r} 842 \longrightarrow 700 \ 130 \ 12 \\ - 666 \longrightarrow - 800 + 40 + 2 \\ \hline - 600 + 60 + 6 \\ \hline 100 + 70 + 6 \\ = 176 \end{array}$$

4.

$$\begin{array}{r} 871 \longrightarrow 60 \ 11 \\ - 638 \longrightarrow 800 + 70 + 1 \\ \hline - 600 + 30 + 8 \\ \hline 200 + 30 + 3 \\ = 233 \end{array}$$

5.

$$\begin{array}{r} 735 \longrightarrow 700 + 30 + 5 \\ - 400 \longrightarrow - 400 + 0 + 0 \\ \hline 300 + 30 + 5 \\ = 335 \end{array}$$

6.

$$\begin{array}{r} 907 \longrightarrow 800 \ 90 \ 17 \\ - 518 \longrightarrow - 900 + 0 + 7 \\ \hline - 500 + 10 + 8 \\ \hline 300 + 80 + 9 \\ = 389 \end{array}$$

7.

$$\begin{array}{r} 359 \longrightarrow 200 \ 150 \\ - 272 \longrightarrow - 300 + 50 + 9 \\ \hline - 200 + 70 + 2 \\ \hline 0 + 80 + 7 \\ = 87 \end{array}$$

8.

$$\begin{array}{r} 891 \longrightarrow 800 + 90 + 1 \\ - 620 \longrightarrow - 600 + 20 + 0 \\ \hline 200 + 70 + 1 \\ = 271 \end{array}$$

9.

$$\begin{array}{r} 237 \longrightarrow 100 \ 130 \\ - 180 \longrightarrow - 200 + 30 + 7 \\ \hline - 100 + 80 + 0 \\ \hline 0 + 50 + 7 \\ = 57 \end{array}$$

10.

$$\begin{array}{r} 564 \longrightarrow 500 + 60 + 4 \\ - 243 \longrightarrow - 200 + 40 + 3 \\ \hline 300 + 20 + 1 \\ = 321 \end{array}$$

# Expanded Form Subtraction (B)

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

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

Calculate each difference using the expanded form of each number.

1.

$$\begin{array}{r} 501 \\ - 485 \\ \hline \end{array} \longrightarrow \begin{array}{r} 400 \quad 90 \quad 11 \\ \cancel{500} + \cancel{0} + \cancel{1} \\ - 400 + 80 + 5 \\ \hline 0 + 10 + 6 \\ = 16 \end{array}$$

2.

$$\begin{array}{r} 766 \\ - 610 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 610 \\ - 474 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 473 \\ - 235 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 117 \\ - 105 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 861 \\ - 532 \\ \hline \end{array}$$

7.

$$\begin{array}{r} 978 \\ - 497 \\ \hline \end{array}$$

8.

$$\begin{array}{r} 951 \\ - 268 \\ \hline \end{array}$$

9.

$$\begin{array}{r} 894 \\ - 566 \\ \hline \end{array}$$

10.

$$\begin{array}{r} 971 \\ - 735 \\ \hline \end{array}$$

# Expanded Form Subtraction (B) Answers

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

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

Calculate each difference using the expanded form of each number.

$$\begin{array}{r} 1. \\ 501 \longrightarrow 400 \quad 90 \quad 11 \\ \phantom{501} \longrightarrow \cancel{500} + \cancel{0} + \cancel{1} \\ - 485 \longrightarrow - 400 + 80 + 5 \\ \hline \phantom{501} \phantom{\longrightarrow} \phantom{400} + 10 + 6 \\ \phantom{501} \phantom{\longrightarrow} \phantom{400} = 16 \end{array}$$

$$\begin{array}{r} 2. \\ 766 \longrightarrow 700 + 60 + 6 \\ - 610 \longrightarrow - 600 + 10 + 0 \\ \hline \phantom{766} \phantom{\longrightarrow} 100 + 50 + 6 \\ \phantom{766} \phantom{\longrightarrow} = 156 \end{array}$$

$$\begin{array}{r} 3. \\ 610 \longrightarrow 500 \quad 100 \quad 10 \\ \phantom{610} \longrightarrow \cancel{600} + \cancel{10} + \cancel{0} \\ - 474 \longrightarrow - 400 + 70 + 4 \\ \hline \phantom{610} \phantom{\longrightarrow} 100 + 30 + 6 \\ \phantom{610} \phantom{\longrightarrow} = 136 \end{array}$$

$$\begin{array}{r} 4. \\ 473 \longrightarrow 400 + \cancel{70} + \cancel{3} \\ - 235 \longrightarrow - 200 + 30 + 5 \\ \hline \phantom{473} \phantom{\longrightarrow} 200 + 30 + 8 \\ \phantom{473} \phantom{\longrightarrow} = 238 \end{array}$$

$$\begin{array}{r} 5. \\ 117 \longrightarrow 100 + 10 + 7 \\ - 105 \longrightarrow - 100 + 0 + 5 \\ \hline \phantom{117} \phantom{\longrightarrow} 0 + 10 + 2 \\ \phantom{117} \phantom{\longrightarrow} = 12 \end{array}$$

$$\begin{array}{r} 6. \\ 861 \longrightarrow 800 + \cancel{60} + \cancel{1} \\ - 532 \longrightarrow - 500 + 30 + 2 \\ \hline \phantom{861} \phantom{\longrightarrow} 300 + 20 + 9 \\ \phantom{861} \phantom{\longrightarrow} = 329 \end{array}$$

$$\begin{array}{r} 7. \\ 978 \longrightarrow 800 \quad 170 \\ \phantom{978} \longrightarrow \cancel{900} + \cancel{70} + 8 \\ - 497 \longrightarrow - 400 + 90 + 7 \\ \hline \phantom{978} \phantom{\longrightarrow} 400 + 80 + 1 \\ \phantom{978} \phantom{\longrightarrow} = 481 \end{array}$$

$$\begin{array}{r} 8. \\ 951 \longrightarrow 800 \quad 140 \quad 11 \\ \phantom{951} \longrightarrow \cancel{900} + \cancel{50} + \cancel{1} \\ - 268 \longrightarrow - 200 + 60 + 8 \\ \hline \phantom{951} \phantom{\longrightarrow} 600 + 80 + 3 \\ \phantom{951} \phantom{\longrightarrow} = 683 \end{array}$$

$$\begin{array}{r} 9. \\ 894 \longrightarrow 800 \quad 80 \quad 14 \\ \phantom{894} \longrightarrow 800 + \cancel{90} + \cancel{4} \\ - 566 \longrightarrow - 500 + 60 + 6 \\ \hline \phantom{894} \phantom{\longrightarrow} 300 + 20 + 8 \\ \phantom{894} \phantom{\longrightarrow} = 328 \end{array}$$

$$\begin{array}{r} 10. \\ 971 \longrightarrow 900 + \cancel{70} + \cancel{1} \\ - 735 \longrightarrow - 700 + 30 + 5 \\ \hline \phantom{971} \phantom{\longrightarrow} 200 + 30 + 6 \\ \phantom{971} \phantom{\longrightarrow} = 236 \end{array}$$

# Expanded Form Subtraction (C)

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

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

Calculate each difference using the expanded form of each number.

1.

$$\begin{array}{r} 794 \\ - 778 \\ \hline \end{array} \longrightarrow \begin{array}{r} 700 + \overset{80}{\cancel{90}} + \overset{14}{\cancel{4}} \\ - 700 + 70 + 8 \\ \hline 0 + 10 + 6 \\ = 16 \end{array}$$

2.

$$\begin{array}{r} 995 \\ - 211 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 267 \\ - 139 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 553 \\ - 414 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 501 \\ - 112 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 839 \\ - 758 \\ \hline \end{array}$$

7.

$$\begin{array}{r} 763 \\ - 470 \\ \hline \end{array}$$

8.

$$\begin{array}{r} 869 \\ - 128 \\ \hline \end{array}$$

9.

$$\begin{array}{r} 741 \\ - 711 \\ \hline \end{array}$$

10.

$$\begin{array}{r} 575 \\ - 503 \\ \hline \end{array}$$

# Expanded Form Subtraction (C) Answers

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

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

Calculate each difference using the expanded form of each number.

1.

$$\begin{array}{r}
 794 \longrightarrow 700 + \overset{80}{\cancel{90}} + \overset{14}{\cancel{4}} \\
 - 778 \longrightarrow - 700 + 70 + 8 \\
 \hline
 0 + 10 + 6 \\
 = 16
 \end{array}$$

2.

$$\begin{array}{r}
 995 \longrightarrow 900 + 90 + 5 \\
 - 211 \longrightarrow - 200 + 10 + 1 \\
 \hline
 700 + 80 + 4 \\
 = 784
 \end{array}$$

3.

$$\begin{array}{r}
 267 \longrightarrow 200 + \overset{50}{\cancel{60}} + \overset{17}{\cancel{7}} \\
 - 139 \longrightarrow - 100 + 30 + 9 \\
 \hline
 100 + 20 + 8 \\
 = 128
 \end{array}$$

4.

$$\begin{array}{r}
 553 \longrightarrow 500 + \overset{40}{\cancel{50}} + \overset{13}{\cancel{3}} \\
 - 414 \longrightarrow - 400 + 10 + 4 \\
 \hline
 100 + 30 + 9 \\
 = 139
 \end{array}$$

5.

$$\begin{array}{r}
 501 \longrightarrow 400 + \overset{90}{\cancel{500}} + \overset{11}{\cancel{0}} + \overset{1}{\cancel{1}} \\
 - 112 \longrightarrow - 100 + 10 + 2 \\
 \hline
 300 + 80 + 9 \\
 = 389
 \end{array}$$

6.

$$\begin{array}{r}
 839 \longrightarrow 700 + \overset{130}{\cancel{800}} + \overset{3}{\cancel{30}} + 9 \\
 - 758 \longrightarrow - 700 + 50 + 8 \\
 \hline
 0 + 80 + 1 \\
 = 81
 \end{array}$$

7.

$$\begin{array}{r}
 763 \longrightarrow 600 + \overset{160}{\cancel{700}} + \overset{3}{\cancel{60}} \\
 - 470 \longrightarrow - 400 + 70 + 0 \\
 \hline
 200 + 90 + 3 \\
 = 293
 \end{array}$$

8.

$$\begin{array}{r}
 869 \longrightarrow 800 + 60 + 9 \\
 - 128 \longrightarrow - 100 + 20 + 8 \\
 \hline
 700 + 40 + 1 \\
 = 741
 \end{array}$$

9.

$$\begin{array}{r}
 741 \longrightarrow 700 + 40 + 1 \\
 - 711 \longrightarrow - 700 + 10 + 1 \\
 \hline
 0 + 30 + 0 \\
 = 30
 \end{array}$$

10.

$$\begin{array}{r}
 575 \longrightarrow 500 + 70 + 5 \\
 - 503 \longrightarrow - 500 + 0 + 3 \\
 \hline
 0 + 70 + 2 \\
 = 72
 \end{array}$$

# Expanded Form Subtraction (D)

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

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

Calculate each difference using the expanded form of each number.

1.

$$\begin{array}{r} 949 \\ - 817 \\ \hline \end{array} \rightarrow \begin{array}{r} 900 + 40 + 9 \\ - 800 + 10 + 7 \\ \hline 100 + 30 + 2 \\ = 132 \end{array}$$

2.

$$\begin{array}{r} 509 \\ - 189 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 890 \\ - 234 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 693 \\ - 151 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 463 \\ - 435 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 973 \\ - 759 \\ \hline \end{array}$$

7.

$$\begin{array}{r} 546 \\ - 382 \\ \hline \end{array}$$

8.

$$\begin{array}{r} 910 \\ - 706 \\ \hline \end{array}$$

9.

$$\begin{array}{r} 967 \\ - 949 \\ \hline \end{array}$$

10.

$$\begin{array}{r} 807 \\ - 147 \\ \hline \end{array}$$

# Expanded Form Subtraction (D) Answers

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

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

Calculate each difference using the expanded form of each number.

1.

$$\begin{array}{r} 949 \longrightarrow 900 + 40 + 9 \\ - 817 \longrightarrow - 800 + 10 + 7 \\ \hline 100 + 30 + 2 \\ = 132 \end{array}$$

2.

$$\begin{array}{r} 400 \quad 100 \\ 509 \longrightarrow 500 + 0 + 9 \\ - 189 \longrightarrow - 100 + 80 + 9 \\ \hline 300 + 20 + 0 \\ = 320 \end{array}$$

3.

$$\begin{array}{r} 80 \quad 10 \\ 890 \longrightarrow 800 + 90 + 0 \\ - 234 \longrightarrow - 200 + 30 + 4 \\ \hline 600 + 50 + 6 \\ = 656 \end{array}$$

4.

$$\begin{array}{r} 693 \longrightarrow 600 + 90 + 3 \\ - 151 \longrightarrow - 100 + 50 + 1 \\ \hline 500 + 40 + 2 \\ = 542 \end{array}$$

5.

$$\begin{array}{r} 50 \quad 13 \\ 463 \longrightarrow 400 + 60 + 3 \\ - 435 \longrightarrow - 400 + 30 + 5 \\ \hline 0 + 20 + 8 \\ = 28 \end{array}$$

6.

$$\begin{array}{r} 60 \quad 13 \\ 973 \longrightarrow 900 + 70 + 3 \\ - 759 \longrightarrow - 700 + 50 + 9 \\ \hline 200 + 10 + 4 \\ = 214 \end{array}$$

7.

$$\begin{array}{r} 400 \quad 140 \\ 546 \longrightarrow 500 + 40 + 6 \\ - 382 \longrightarrow - 300 + 80 + 2 \\ \hline 100 + 60 + 4 \\ = 164 \end{array}$$

8.

$$\begin{array}{r} 0 \quad 10 \\ 910 \longrightarrow 900 + 10 + 0 \\ - 706 \longrightarrow - 700 + 0 + 6 \\ \hline 200 + 0 + 4 \\ = 204 \end{array}$$

9.

$$\begin{array}{r} 50 \quad 17 \\ 967 \longrightarrow 900 + 60 + 7 \\ - 949 \longrightarrow - 900 + 40 + 9 \\ \hline 0 + 10 + 8 \\ = 18 \end{array}$$

10.

$$\begin{array}{r} 700 \quad 100 \\ 807 \longrightarrow 800 + 0 + 7 \\ - 147 \longrightarrow - 100 + 40 + 7 \\ \hline 600 + 60 + 0 \\ = 660 \end{array}$$



# Expanded Form Subtraction (E)

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

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

Calculate each difference using the expanded form of each number.

1.

$$\begin{array}{r} 935 \\ - 608 \\ \hline \end{array} \longrightarrow \begin{array}{r} 900 + \overset{20}{\cancel{30}} + \overset{15}{\cancel{5}} \\ - 600 + 0 + 8 \\ \hline 300 + 20 + 7 \\ = 327 \end{array}$$

2.

$$\begin{array}{r} 552 \\ - 496 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 648 \\ - 168 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 761 \\ - 714 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 166 \\ - 104 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 974 \\ - 965 \\ \hline \end{array}$$

7.

$$\begin{array}{r} 910 \\ - 438 \\ \hline \end{array}$$

8.

$$\begin{array}{r} 635 \\ - 343 \\ \hline \end{array}$$

9.

$$\begin{array}{r} 311 \\ - 303 \\ \hline \end{array}$$

10.

$$\begin{array}{r} 404 \\ - 316 \\ \hline \end{array}$$

# Expanded Form Subtraction (E) Answers

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

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

Calculate each difference using the expanded form of each number.

1.

$$\begin{array}{r}
 935 \longrightarrow 900 + \overset{20}{\cancel{30}} + \overset{15}{\cancel{5}} \\
 - 608 \longrightarrow - 600 + 0 + 8 \\
 \hline
 300 + 20 + 7 \\
 = 327
 \end{array}$$

2.

$$\begin{array}{r}
 552 \longrightarrow 400 + 140 + 12 \\
 - 496 \longrightarrow - 500 + \cancel{50} + \cancel{2} \\
 \hline
 - 400 + 90 + 6 \\
 0 + 50 + 6 \\
 = 56
 \end{array}$$

3.

$$\begin{array}{r}
 648 \longrightarrow 500 + 140 \\
 - 168 \longrightarrow - \cancel{600} + \cancel{40} + 8 \\
 \hline
 - 100 + 60 + 8 \\
 400 + 80 + 0 \\
 = 480
 \end{array}$$

4.

$$\begin{array}{r}
 761 \longrightarrow 700 + 50 + 11 \\
 - 714 \longrightarrow - 700 + \cancel{60} + \cancel{4} \\
 \hline
 - 700 + 10 + 4 \\
 0 + 40 + 7 \\
 = 47
 \end{array}$$

5.

$$\begin{array}{r}
 166 \longrightarrow 100 + 60 + 6 \\
 - 104 \longrightarrow - 100 + 0 + 4 \\
 \hline
 0 + 60 + 2 \\
 = 62
 \end{array}$$

6.

$$\begin{array}{r}
 974 \longrightarrow 900 + 60 + 14 \\
 - 965 \longrightarrow - 900 + \cancel{70} + \cancel{4} \\
 \hline
 - 900 + 60 + 5 \\
 0 + 0 + 9 \\
 = 9
 \end{array}$$

7.

$$\begin{array}{r}
 910 \longrightarrow 800 + 100 + 10 \\
 - 438 \longrightarrow - \cancel{900} + \cancel{10} + \cancel{0} \\
 \hline
 - 400 + 30 + 8 \\
 400 + 70 + 2 \\
 = 472
 \end{array}$$

8.

$$\begin{array}{r}
 635 \longrightarrow 500 + 130 \\
 - 343 \longrightarrow - \cancel{600} + \cancel{30} + 5 \\
 \hline
 - 300 + 40 + 3 \\
 200 + 90 + 2 \\
 = 292
 \end{array}$$

9.

$$\begin{array}{r}
 311 \longrightarrow 300 + 0 + 11 \\
 - 303 \longrightarrow - 300 + 0 + 3 \\
 \hline
 0 + 0 + 8 \\
 = 8
 \end{array}$$

10.

$$\begin{array}{r}
 404 \longrightarrow 300 + 90 + 14 \\
 - 316 \longrightarrow - \cancel{400} + \cancel{0} + \cancel{4} \\
 \hline
 - 300 + 10 + 6 \\
 0 + 80 + 8 \\
 = 88
 \end{array}$$

# Expanded Form Subtraction (F)

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

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

Calculate each difference using the expanded form of each number.

1.

$$\begin{array}{r} 549 \\ - 163 \\ \hline \end{array} \rightarrow \begin{array}{r} 400 \quad 140 \\ \cancel{500} + \cancel{40} + 9 \\ - \quad \cancel{100} + \cancel{60} + 3 \\ \hline 300 + 80 + 6 \\ = 386 \end{array}$$

2.

$$\begin{array}{r} 885 \\ - 428 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 234 \\ - 158 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 802 \\ - 279 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 510 \\ - 350 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 555 \\ - 387 \\ \hline \end{array}$$

7.

$$\begin{array}{r} 604 \\ - 423 \\ \hline \end{array}$$

8.

$$\begin{array}{r} 285 \\ - 241 \\ \hline \end{array}$$

9.

$$\begin{array}{r} 873 \\ - 628 \\ \hline \end{array}$$

10.

$$\begin{array}{r} 871 \\ - 846 \\ \hline \end{array}$$

# Expanded Form Subtraction (F) Answers

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

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

Calculate each difference using the expanded form of each number.

1. 
$$\begin{array}{r} 549 \longrightarrow 400 \ 140 \\ -163 \longrightarrow -500 + 40 + 9 \\ \hline \phantom{549} \longrightarrow -100 + 60 + 3 \\ \hline \phantom{549} \longrightarrow 300 + 80 + 6 \\ \phantom{549} \longrightarrow = 386 \end{array}$$

2. 
$$\begin{array}{r} 885 \longrightarrow 70 \ 15 \\ -428 \longrightarrow 800 + 80 + 5 \\ \hline \phantom{885} \longrightarrow -400 + 20 + 8 \\ \hline \phantom{885} \longrightarrow 400 + 50 + 7 \\ \phantom{885} \longrightarrow = 457 \end{array}$$

3. 
$$\begin{array}{r} 234 \longrightarrow 100 \ 120 \ 14 \\ -158 \longrightarrow 200 + 30 + 4 \\ \hline \phantom{234} \longrightarrow -100 + 50 + 8 \\ \hline \phantom{234} \longrightarrow 0 + 70 + 6 \\ \phantom{234} \longrightarrow = 76 \end{array}$$

4. 
$$\begin{array}{r} 802 \longrightarrow 700 \ 90 \ 12 \\ -279 \longrightarrow 800 + 0 + 2 \\ \hline \phantom{802} \longrightarrow -200 + 70 + 9 \\ \hline \phantom{802} \longrightarrow 500 + 20 + 3 \\ \phantom{802} \longrightarrow = 523 \end{array}$$

5. 
$$\begin{array}{r} 510 \longrightarrow 400 \ 110 \\ -350 \longrightarrow 500 + 10 + 0 \\ \hline \phantom{510} \longrightarrow -300 + 50 + 0 \\ \hline \phantom{510} \longrightarrow 100 + 60 + 0 \\ \phantom{510} \longrightarrow = 160 \end{array}$$

6. 
$$\begin{array}{r} 555 \longrightarrow 400 \ 140 \ 15 \\ -387 \longrightarrow 500 + 50 + 5 \\ \hline \phantom{555} \longrightarrow -300 + 80 + 7 \\ \hline \phantom{555} \longrightarrow 100 + 60 + 8 \\ \phantom{555} \longrightarrow = 168 \end{array}$$

7. 
$$\begin{array}{r} 604 \longrightarrow 500 \ 100 \\ -423 \longrightarrow 600 + 0 + 4 \\ \hline \phantom{604} \longrightarrow -400 + 20 + 3 \\ \hline \phantom{604} \longrightarrow 100 + 80 + 1 \\ \phantom{604} \longrightarrow = 181 \end{array}$$

8. 
$$\begin{array}{r} 285 \longrightarrow 200 + 80 + 5 \\ -241 \longrightarrow 200 + 40 + 1 \\ \hline \phantom{285} \longrightarrow 0 + 40 + 4 \\ \phantom{285} \longrightarrow = 44 \end{array}$$

9. 
$$\begin{array}{r} 873 \longrightarrow 60 \ 13 \\ -628 \longrightarrow 800 + 70 + 3 \\ \hline \phantom{873} \longrightarrow -600 + 20 + 8 \\ \hline \phantom{873} \longrightarrow 200 + 40 + 5 \\ \phantom{873} \longrightarrow = 245 \end{array}$$

10. 
$$\begin{array}{r} 871 \longrightarrow 60 \ 11 \\ -846 \longrightarrow 800 + 70 + 1 \\ \hline \phantom{871} \longrightarrow -800 + 40 + 6 \\ \hline \phantom{871} \longrightarrow 0 + 20 + 5 \\ \phantom{871} \longrightarrow = 25 \end{array}$$

# Expanded Form Subtraction (G)

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

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

Calculate each difference using the expanded form of each number.

1.

$$\begin{array}{r} 604 \\ - 341 \\ \hline \end{array} \longrightarrow \begin{array}{r} 500 \quad 100 \\ \cancel{600} + \cancel{0} + 4 \\ - \quad \cancel{300} + 40 + 1 \\ \hline 200 + 60 + 3 \\ = 263 \end{array}$$

2.

$$\begin{array}{r} 795 \\ - 154 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 451 \\ - 238 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 412 \\ - 208 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 859 \\ - 652 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 857 \\ - 454 \\ \hline \end{array}$$

7.

$$\begin{array}{r} 949 \\ - 711 \\ \hline \end{array}$$

8.

$$\begin{array}{r} 196 \\ - 130 \\ \hline \end{array}$$

9.

$$\begin{array}{r} 769 \\ - 499 \\ \hline \end{array}$$

10.

$$\begin{array}{r} 475 \\ - 286 \\ \hline \end{array}$$

# Expanded Form Subtraction (G) Answers

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

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

Calculate each difference using the expanded form of each number.

1.

$$\begin{array}{r} 604 \longrightarrow 500 \quad 100 \\ - 341 \longrightarrow - \cancel{600} + \cancel{0} + 4 \\ \hline - 300 + 40 + 1 \\ \hline 200 + 60 + 3 \\ = 263 \end{array}$$

2.

$$\begin{array}{r} 795 \longrightarrow 700 + 90 + 5 \\ - 154 \longrightarrow - 100 + 50 + 4 \\ \hline - 100 + 50 + 4 \\ \hline 600 + 40 + 1 \\ = 641 \end{array}$$

3.

$$\begin{array}{r} 451 \longrightarrow 400 + \cancel{50} + \cancel{1} \\ - 238 \longrightarrow - 200 + 30 + 8 \\ \hline - 200 + 30 + 8 \\ \hline 200 + 10 + 3 \\ = 213 \end{array}$$

4.

$$\begin{array}{r} 412 \longrightarrow 400 + \cancel{10} + \cancel{2} \\ - 208 \longrightarrow - 200 + 0 + 8 \\ \hline - 200 + 0 + 8 \\ \hline 200 + 0 + 4 \\ = 204 \end{array}$$

5.

$$\begin{array}{r} 859 \longrightarrow 800 + 50 + 9 \\ - 652 \longrightarrow - 600 + 50 + 2 \\ \hline - 600 + 50 + 2 \\ \hline 200 + 0 + 7 \\ = 207 \end{array}$$

6.

$$\begin{array}{r} 857 \longrightarrow 800 + 50 + 7 \\ - 454 \longrightarrow - 400 + 50 + 4 \\ \hline - 400 + 50 + 4 \\ \hline 400 + 0 + 3 \\ = 403 \end{array}$$

7.

$$\begin{array}{r} 949 \longrightarrow 900 + 40 + 9 \\ - 711 \longrightarrow - 700 + 10 + 1 \\ \hline - 700 + 10 + 1 \\ \hline 200 + 30 + 8 \\ = 238 \end{array}$$

8.

$$\begin{array}{r} 196 \longrightarrow 100 + 90 + 6 \\ - 130 \longrightarrow - 100 + 30 + 0 \\ \hline - 100 + 30 + 0 \\ \hline 0 + 60 + 6 \\ = 66 \end{array}$$

9.

$$\begin{array}{r} 769 \longrightarrow 600 \quad 160 \\ - 499 \longrightarrow - \cancel{700} + \cancel{60} + 9 \\ \hline - 400 + 90 + 9 \\ \hline 200 + 70 + 0 \\ = 270 \end{array}$$

10.

$$\begin{array}{r} 475 \longrightarrow 300 \quad 160 \quad 15 \\ - 286 \longrightarrow - \cancel{400} + \cancel{70} + \cancel{5} \\ \hline - 200 + 80 + 6 \\ \hline 100 + 80 + 9 \\ = 189 \end{array}$$

# Expanded Form Subtraction (H)

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

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

Calculate each difference using the expanded form of each number.

1.

$$\begin{array}{r} 939 \\ - 599 \\ \hline \end{array} \rightarrow \begin{array}{r} 800 \quad 130 \\ \cancel{900} + \cancel{30} + 9 \\ - 500 + 90 + 9 \\ \hline 300 + 40 + 0 \\ = 340 \end{array}$$

2.

$$\begin{array}{r} 706 \\ - 669 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 973 \\ - 145 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 940 \\ - 287 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 801 \\ - 172 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 520 \\ - 367 \\ \hline \end{array}$$

7.

$$\begin{array}{r} 755 \\ - 432 \\ \hline \end{array}$$

8.

$$\begin{array}{r} 834 \\ - 549 \\ \hline \end{array}$$

9.

$$\begin{array}{r} 943 \\ - 171 \\ \hline \end{array}$$

10.

$$\begin{array}{r} 942 \\ - 345 \\ \hline \end{array}$$

# Expanded Form Subtraction (H) Answers

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

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

Calculate each difference using the expanded form of each number.

1.

$$\begin{array}{r} 939 \longrightarrow 800 \ 130 \\ - 599 \longrightarrow - 900 + 30 + 9 \\ \hline - 500 + 90 + 9 \\ \hline 300 + 40 + 0 \\ = 340 \end{array}$$

2.

$$\begin{array}{r} 706 \longrightarrow 600 \ 90 \ 16 \\ - 669 \longrightarrow - 700 + 0 + 6 \\ \hline - 600 + 60 + 9 \\ \hline 0 + 30 + 7 \\ = 37 \end{array}$$

3.

$$\begin{array}{r} 973 \longrightarrow 900 \ 60 \ 13 \\ - 145 \longrightarrow - 100 + 70 + 3 \\ \hline - 100 + 40 + 5 \\ \hline 800 + 20 + 8 \\ = 828 \end{array}$$

4.

$$\begin{array}{r} 940 \longrightarrow 800 \ 130 \ 10 \\ - 287 \longrightarrow - 900 + 40 + 0 \\ \hline - 200 + 80 + 7 \\ \hline 600 + 50 + 3 \\ = 653 \end{array}$$

5.

$$\begin{array}{r} 801 \longrightarrow 700 \ 90 \ 11 \\ - 172 \longrightarrow - 800 + 0 + 1 \\ \hline - 100 + 70 + 2 \\ \hline 600 + 20 + 9 \\ = 629 \end{array}$$

6.

$$\begin{array}{r} 520 \longrightarrow 400 \ 110 \ 10 \\ - 367 \longrightarrow - 500 + 20 + 0 \\ \hline - 300 + 60 + 7 \\ \hline 100 + 50 + 3 \\ = 153 \end{array}$$

7.

$$\begin{array}{r} 755 \longrightarrow 700 \ 50 \ 5 \\ - 432 \longrightarrow - 400 + 30 + 2 \\ \hline - 400 + 30 + 2 \\ \hline 300 + 20 + 3 \\ = 323 \end{array}$$

8.

$$\begin{array}{r} 834 \longrightarrow 700 \ 120 \ 14 \\ - 549 \longrightarrow - 800 + 30 + 4 \\ \hline - 500 + 40 + 9 \\ \hline 200 + 80 + 5 \\ = 285 \end{array}$$

9.

$$\begin{array}{r} 943 \longrightarrow 800 \ 140 \\ - 171 \longrightarrow - 900 + 40 + 3 \\ \hline - 100 + 70 + 1 \\ \hline 700 + 70 + 2 \\ = 772 \end{array}$$

10.

$$\begin{array}{r} 942 \longrightarrow 800 \ 130 \ 12 \\ - 345 \longrightarrow - 900 + 40 + 2 \\ \hline - 300 + 40 + 5 \\ \hline 500 + 90 + 7 \\ = 597 \end{array}$$



# Expanded Form Subtraction (I)

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

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

Calculate each difference using the expanded form of each number.

1.

$$\begin{array}{r} 718 \\ - 631 \\ \hline \end{array} \rightarrow \begin{array}{r} 600 \quad 110 \\ \cancel{700} + \cancel{10} + 8 \\ - 600 + 30 + 1 \\ \hline 0 + 80 + 7 \\ = 87 \end{array}$$

2.

$$\begin{array}{r} 809 \\ - 437 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 463 \\ - 101 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 906 \\ - 542 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 739 \\ - 603 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 780 \\ - 137 \\ \hline \end{array}$$

7.

$$\begin{array}{r} 447 \\ - 177 \\ \hline \end{array}$$

8.

$$\begin{array}{r} 833 \\ - 744 \\ \hline \end{array}$$

9.

$$\begin{array}{r} 825 \\ - 467 \\ \hline \end{array}$$

10.

$$\begin{array}{r} 822 \\ - 628 \\ \hline \end{array}$$

# Expanded Form Subtraction (I) Answers

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

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

Calculate each difference using the expanded form of each number.

1.

$$\begin{array}{r}
 718 \longrightarrow 600 \quad 110 \\
 \underline{-631} \longrightarrow \underline{-700 + 10 + 8} \\
 \quad \quad \quad \underline{-600 + 30 + 1} \\
 \quad \quad \quad \quad \quad 0 + 80 + 7 \\
 \quad \quad \quad \quad \quad = 87
 \end{array}$$

2.

$$\begin{array}{r}
 809 \longrightarrow 700 \quad 100 \\
 \underline{-437} \longrightarrow \underline{-800 + 0 + 9} \\
 \quad \quad \quad \underline{-400 + 30 + 7} \\
 \quad \quad \quad \quad \quad 300 + 70 + 2 \\
 \quad \quad \quad \quad \quad = 372
 \end{array}$$

3.

$$\begin{array}{r}
 463 \longrightarrow 400 + 60 + 3 \\
 \underline{-101} \longrightarrow \underline{-100 + 0 + 1} \\
 \quad \quad \quad \underline{300 + 60 + 2} \\
 \quad \quad \quad = 362
 \end{array}$$

4.

$$\begin{array}{r}
 906 \longrightarrow 800 \quad 100 \\
 \underline{-542} \longrightarrow \underline{-900 + 0 + 6} \\
 \quad \quad \quad \underline{-500 + 40 + 2} \\
 \quad \quad \quad \quad \quad 300 + 60 + 4 \\
 \quad \quad \quad \quad \quad = 364
 \end{array}$$

5.

$$\begin{array}{r}
 739 \longrightarrow 700 + 30 + 9 \\
 \underline{-603} \longrightarrow \underline{-600 + 0 + 3} \\
 \quad \quad \quad \underline{100 + 30 + 6} \\
 \quad \quad \quad = 136
 \end{array}$$

6.

$$\begin{array}{r}
 780 \longrightarrow 700 + 70 \quad 10 \\
 \underline{-137} \longrightarrow \underline{-80 + 0} \\
 \quad \quad \quad \underline{-100 + 30 + 7} \\
 \quad \quad \quad \quad \quad 600 + 40 + 3 \\
 \quad \quad \quad \quad \quad = 643
 \end{array}$$

7.

$$\begin{array}{r}
 447 \longrightarrow 300 \quad 140 \\
 \underline{-177} \longrightarrow \underline{-400 + 40 + 7} \\
 \quad \quad \quad \underline{-100 + 70 + 7} \\
 \quad \quad \quad \quad \quad 200 + 70 + 0 \\
 \quad \quad \quad \quad \quad = 270
 \end{array}$$

8.

$$\begin{array}{r}
 833 \longrightarrow 700 \quad 120 \quad 13 \\
 \underline{-744} \longrightarrow \underline{-800 + 30 + 3} \\
 \quad \quad \quad \underline{-700 + 40 + 4} \\
 \quad \quad \quad \quad \quad 0 + 80 + 9 \\
 \quad \quad \quad \quad \quad = 89
 \end{array}$$

9.

$$\begin{array}{r}
 825 \longrightarrow 700 \quad 110 \quad 15 \\
 \underline{-467} \longrightarrow \underline{-800 + 20 + 5} \\
 \quad \quad \quad \underline{-400 + 60 + 7} \\
 \quad \quad \quad \quad \quad 300 + 50 + 8 \\
 \quad \quad \quad \quad \quad = 358
 \end{array}$$

10.

$$\begin{array}{r}
 822 \longrightarrow 700 \quad 110 \quad 12 \\
 \underline{-628} \longrightarrow \underline{-800 + 20 + 2} \\
 \quad \quad \quad \underline{-600 + 20 + 8} \\
 \quad \quad \quad \quad \quad 100 + 90 + 4 \\
 \quad \quad \quad \quad \quad = 194
 \end{array}$$

# Expanded Form Subtraction (J)

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

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

Calculate each difference using the expanded form of each number.

1.

$$\begin{array}{r} 263 \\ - 116 \\ \hline \end{array} \longrightarrow \begin{array}{r} 200 + \overset{50}{\cancel{60}} + \overset{13}{\cancel{3}} \\ - 100 + 10 + 6 \\ \hline 100 + 40 + 7 \\ = 147 \end{array}$$

2.

$$\begin{array}{r} 645 \\ - 238 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 289 \\ - 272 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 297 \\ - 197 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 881 \\ - 783 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 471 \\ - 251 \\ \hline \end{array}$$

7.

$$\begin{array}{r} 721 \\ - 169 \\ \hline \end{array}$$

8.

$$\begin{array}{r} 870 \\ - 710 \\ \hline \end{array}$$

9.

$$\begin{array}{r} 385 \\ - 282 \\ \hline \end{array}$$

10.

$$\begin{array}{r} 691 \\ - 207 \\ \hline \end{array}$$

# Expanded Form Subtraction (J) Answers

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

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

Calculate each difference using the expanded form of each number.

1.

$$\begin{array}{r}
 263 \longrightarrow 200 + \overset{50}{\cancel{60}} + \overset{13}{\cancel{3}} \\
 - 116 \longrightarrow - 100 + 10 + 6 \\
 \hline
 100 + 40 + 7 \\
 = 147
 \end{array}$$

2.

$$\begin{array}{r}
 645 \longrightarrow 600 + \overset{30}{\cancel{40}} + \overset{15}{\cancel{5}} \\
 - 238 \longrightarrow - 200 + 30 + 8 \\
 \hline
 400 + 0 + 7 \\
 = 407
 \end{array}$$

3.

$$\begin{array}{r}
 289 \longrightarrow 200 + 80 + 9 \\
 - 272 \longrightarrow - 200 + 70 + 2 \\
 \hline
 0 + 10 + 7 \\
 = 17
 \end{array}$$

4.

$$\begin{array}{r}
 297 \longrightarrow 200 + 90 + 7 \\
 - 197 \longrightarrow - 100 + 90 + 7 \\
 \hline
 100 + 0 + 0 \\
 = 100
 \end{array}$$

5.

$$\begin{array}{r}
 881 \longrightarrow \overset{700}{\cancel{800}} + \overset{170}{\cancel{80}} + \overset{11}{\cancel{1}} \\
 - 783 \longrightarrow - 700 + 80 + 3 \\
 \hline
 0 + 90 + 8 \\
 = 98
 \end{array}$$

6.

$$\begin{array}{r}
 471 \longrightarrow 400 + 70 + 1 \\
 - 251 \longrightarrow - 200 + 50 + 1 \\
 \hline
 200 + 20 + 0 \\
 = 220
 \end{array}$$

7.

$$\begin{array}{r}
 721 \longrightarrow \overset{600}{\cancel{700}} + \overset{110}{\cancel{20}} + \overset{11}{\cancel{1}} \\
 - 169 \longrightarrow - 100 + 60 + 9 \\
 \hline
 500 + 50 + 2 \\
 = 552
 \end{array}$$

8.

$$\begin{array}{r}
 870 \longrightarrow 800 + 70 + 0 \\
 - 710 \longrightarrow - 700 + 10 + 0 \\
 \hline
 100 + 60 + 0 \\
 = 160
 \end{array}$$

9.

$$\begin{array}{r}
 385 \longrightarrow 300 + 80 + 5 \\
 - 282 \longrightarrow - 200 + 80 + 2 \\
 \hline
 100 + 0 + 3 \\
 = 103
 \end{array}$$

10.

$$\begin{array}{r}
 691 \longrightarrow 600 + \overset{80}{\cancel{90}} + \overset{11}{\cancel{1}} \\
 - 207 \longrightarrow - 200 + 0 + 7 \\
 \hline
 400 + 80 + 4 \\
 = 484
 \end{array}$$