

Name \_\_\_\_\_

## Subtracting Across Zeros

To subtract, start with the digits in the ones place. When subtracting from zero, you may have to regroup more than once before you subtract. Check answers by estimating.

**Find: 503 - 234**

|                                                                                                                                                                                                                                                                                                              |                      |                                               |                                        |   |               |  |              |              |   |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                         |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |   |   |   |                                                                                                                                                |     |      |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-----------------------------------------------|----------------------------------------|---|---------------|--|--------------|--------------|---|----|---|---|--|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|--|---|--|---|---------------|----|--------------|--------------|--------------|----|---|---|--|--|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|--|---|--|---|---------------|----|--------------|--------------|--------------|----|---|---|--|--|--|---|---|---|------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|-----|
| <p>Not enough ones.<br/>There are no tens.<br/>Regroup hundreds.</p>                                                                                                                                                                                                                                         | <p>Regroup tens.</p> | <p>Subtract the ones, tens, and hundreds.</p> | <p>Check the answer by estimating.</p> |   |               |  |              |              |   |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                         |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |   |   |   |                                                                                                                                                |     |      |     |
| <table style="margin: auto;"> <tr><td>H</td><td>T</td><td>O</td></tr> <tr><td>4</td><td><del>10</del></td><td></td></tr> <tr><td><del>5</del></td><td><del>0</del></td><td>3</td></tr> <tr><td>-2</td><td>3</td><td>4</td></tr> <tr><td colspan="3" style="border-top: 1px solid black;"></td></tr> </table> | H                    | T                                             | O                                      | 4 | <del>10</del> |  | <del>5</del> | <del>0</del> | 3 | -2 | 3 | 4 |  |  |  | <table style="margin: auto;"> <tr><td>H</td><td>T</td><td>O</td></tr> <tr><td></td><td>9</td><td></td></tr> <tr><td>4</td><td><del>10</del></td><td>13</td></tr> <tr><td><del>5</del></td><td><del>0</del></td><td><del>3</del></td></tr> <tr><td>-2</td><td>3</td><td>4</td></tr> <tr><td colspan="3" style="border-top: 1px solid black;"></td></tr> </table> | H | T | O |  | 9 |  | 4 | <del>10</del> | 13 | <del>5</del> | <del>0</del> | <del>3</del> | -2 | 3 | 4 |  |  |  | <table style="margin: auto;"> <tr><td>H</td><td>T</td><td>O</td></tr> <tr><td></td><td>9</td><td></td></tr> <tr><td>4</td><td><del>10</del></td><td>13</td></tr> <tr><td><del>5</del></td><td><del>0</del></td><td><del>3</del></td></tr> <tr><td>-2</td><td>3</td><td>4</td></tr> <tr><td colspan="3" style="border-top: 1px solid black;"></td></tr> <tr><td>2</td><td>6</td><td>9</td></tr> </table> | H | T | O |  | 9 |  | 4 | <del>10</del> | 13 | <del>5</del> | <del>0</del> | <del>3</del> | -2 | 3 | 4 |  |  |  | 2 | 6 | 9 | <table style="margin: auto;"> <tr><td>500</td></tr> <tr><td>-200</td></tr> <tr><td style="border-top: 1px solid black;">300</td></tr> </table> | 500 | -200 | 300 |
| H                                                                                                                                                                                                                                                                                                            | T                    | O                                             |                                        |   |               |  |              |              |   |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                         |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |   |   |   |                                                                                                                                                |     |      |     |
| 4                                                                                                                                                                                                                                                                                                            | <del>10</del>        |                                               |                                        |   |               |  |              |              |   |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                         |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |   |   |   |                                                                                                                                                |     |      |     |
| <del>5</del>                                                                                                                                                                                                                                                                                                 | <del>0</del>         | 3                                             |                                        |   |               |  |              |              |   |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                         |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |   |   |   |                                                                                                                                                |     |      |     |
| -2                                                                                                                                                                                                                                                                                                           | 3                    | 4                                             |                                        |   |               |  |              |              |   |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                         |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |   |   |   |                                                                                                                                                |     |      |     |
|                                                                                                                                                                                                                                                                                                              |                      |                                               |                                        |   |               |  |              |              |   |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                         |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |   |   |   |                                                                                                                                                |     |      |     |
| H                                                                                                                                                                                                                                                                                                            | T                    | O                                             |                                        |   |               |  |              |              |   |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                         |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |   |   |   |                                                                                                                                                |     |      |     |
|                                                                                                                                                                                                                                                                                                              | 9                    |                                               |                                        |   |               |  |              |              |   |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                         |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |   |   |   |                                                                                                                                                |     |      |     |
| 4                                                                                                                                                                                                                                                                                                            | <del>10</del>        | 13                                            |                                        |   |               |  |              |              |   |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                         |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |   |   |   |                                                                                                                                                |     |      |     |
| <del>5</del>                                                                                                                                                                                                                                                                                                 | <del>0</del>         | <del>3</del>                                  |                                        |   |               |  |              |              |   |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                         |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |   |   |   |                                                                                                                                                |     |      |     |
| -2                                                                                                                                                                                                                                                                                                           | 3                    | 4                                             |                                        |   |               |  |              |              |   |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                         |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |   |   |   |                                                                                                                                                |     |      |     |
|                                                                                                                                                                                                                                                                                                              |                      |                                               |                                        |   |               |  |              |              |   |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                         |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |   |   |   |                                                                                                                                                |     |      |     |
| H                                                                                                                                                                                                                                                                                                            | T                    | O                                             |                                        |   |               |  |              |              |   |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                         |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |   |   |   |                                                                                                                                                |     |      |     |
|                                                                                                                                                                                                                                                                                                              | 9                    |                                               |                                        |   |               |  |              |              |   |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                         |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |   |   |   |                                                                                                                                                |     |      |     |
| 4                                                                                                                                                                                                                                                                                                            | <del>10</del>        | 13                                            |                                        |   |               |  |              |              |   |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                         |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |   |   |   |                                                                                                                                                |     |      |     |
| <del>5</del>                                                                                                                                                                                                                                                                                                 | <del>0</del>         | <del>3</del>                                  |                                        |   |               |  |              |              |   |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                         |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |   |   |   |                                                                                                                                                |     |      |     |
| -2                                                                                                                                                                                                                                                                                                           | 3                    | 4                                             |                                        |   |               |  |              |              |   |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                         |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |   |   |   |                                                                                                                                                |     |      |     |
|                                                                                                                                                                                                                                                                                                              |                      |                                               |                                        |   |               |  |              |              |   |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                         |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |   |   |   |                                                                                                                                                |     |      |     |
| 2                                                                                                                                                                                                                                                                                                            | 6                    | 9                                             |                                        |   |               |  |              |              |   |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                         |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |   |   |   |                                                                                                                                                |     |      |     |
| 500                                                                                                                                                                                                                                                                                                          |                      |                                               |                                        |   |               |  |              |              |   |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                         |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |   |   |   |                                                                                                                                                |     |      |     |
| -200                                                                                                                                                                                                                                                                                                         |                      |                                               |                                        |   |               |  |              |              |   |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                         |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |   |   |   |                                                                                                                                                |     |      |     |
| 300                                                                                                                                                                                                                                                                                                          |                      |                                               |                                        |   |               |  |              |              |   |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                         |   |   |   |  |   |  |   |               |    |              |              |              |    |   |   |  |  |  |   |   |   |                                                                                                                                                |     |      |     |

**Subtract. Check answers by estimating.**

|                                                                                                          |                                                      |                                                      |                                                     |                                                      |
|----------------------------------------------------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|-----------------------------------------------------|------------------------------------------------------|
| $\begin{array}{r} 9 \\ 2\cancel{10}18 \\ 1. \quad \cancel{3}0\cancel{8} \\ -299 \\ \hline 9 \end{array}$ | $\begin{array}{r} 604 \\ -459 \\ \hline \end{array}$ | $\begin{array}{r} 406 \\ -237 \\ \hline \end{array}$ | $\begin{array}{r} 303 \\ -64 \\ \hline \end{array}$ | $\begin{array}{r} 207 \\ -118 \\ \hline \end{array}$ |
|----------------------------------------------------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|-----------------------------------------------------|------------------------------------------------------|

|                                                               |                                                      |                                                     |                                                     |                                                      |
|---------------------------------------------------------------|------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|------------------------------------------------------|
| $\begin{array}{r} 2. \quad 507 \\ -109 \\ \hline \end{array}$ | $\begin{array}{r} 804 \\ -326 \\ \hline \end{array}$ | $\begin{array}{r} 403 \\ -16 \\ \hline \end{array}$ | $\begin{array}{r} 800 \\ -75 \\ \hline \end{array}$ | $\begin{array}{r} 900 \\ -700 \\ \hline \end{array}$ |
|---------------------------------------------------------------|------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|------------------------------------------------------|

3.  $302 - 205 =$                        $600 - 124 =$                        $700 - 570 =$

|                                                                                                     |                                                          |                                                          |                                                          |                                                          |
|-----------------------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|
| $\begin{array}{r} 9 \\ 9\cancel{10}10 \\ 4. \quad \cancel{1,0}00 \\ -579 \\ \hline 421 \end{array}$ | $\begin{array}{r} 3,000 \\ -1,089 \\ \hline \end{array}$ | $\begin{array}{r} 5,000 \\ -2,220 \\ \hline \end{array}$ | $\begin{array}{r} 2,000 \\ -1,703 \\ \hline \end{array}$ | $\begin{array}{r} 6,000 \\ -1,351 \\ \hline \end{array}$ |
|-----------------------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|

|                                                                     |                                                            |                                                           |                                                           |                                                           |
|---------------------------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|
| $\begin{array}{r} 5. \quad 30,000 \\ -27,363 \\ \hline \end{array}$ | $\begin{array}{r} 40,000 \\ -19,400 \\ \hline \end{array}$ | $\begin{array}{r} 22,000 \\ -6,000 \\ \hline \end{array}$ | $\begin{array}{r} 53,300 \\ -3,409 \\ \hline \end{array}$ | $\begin{array}{r} 12,700 \\ -8,936 \\ \hline \end{array}$ |
|---------------------------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|

# Subtracting Across Zeros

## Answer Key

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|          |        |        |        |       |
|----------|--------|--------|--------|-------|
| 1. 9     | 145    | 169    | 239    | 89    |
| 2. 398   | 478    | 387    | 725    | 200   |
| 3. 97    | 476    | 130    |        |       |
| 4. 421   | 1,911  | 2,780  | 297    | 4,649 |
| 5. 2,637 | 20,600 | 16,000 | 49,891 | 3,764 |

