***Rounding***

Name: Div.: Date:

**7509.9765**

Tens Place 🡪 Reserve 7500; 0 Tens and 9 Ones (09) is rounded up to 1 Tens (10). 7500 + 10 = 7510

Ones Place 🡪 Reserve 7500; 9 Ones and 9 Tenths (9.9) is rounded up to 10 Ones, or 1 Ten (10). 7500 + 10 = 7510

Tenths Place 🡪 Reserve 7509; 9 Tenths and 7 Hundredths (0.97) is rounded up to 10 Tenths or 1 One (1.0). 7509 + 1.0 = 7510

**Step 1:** Find the place value to which you are rounding.

**Step 2:** Reserve the value in front of the place to which you are rounding.

**Step 3:** Use the value to the right of the place to which you are rounding to determine whether you round up or down.

**Step 4:** Add your new rounded value to the value you reserved in step two.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Number | 7 | 5 | 0 | **9.** | 9 | 7 | 6 | 5 |
| Place Value |  |  |  | 9**.** | 9 |  |  |  |
| Rounded |  |  | 1 | 0 |  |  |  |  |
| Reserve | 7 | 5 | 0 | 0 |  |  |  |  |
| Final Value | 7 | 5 | 1 | 0 |  |  |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Number | 7 | 5 | 0 | 9**.** | 9 | 7 | 6 | 5 |
| Place Value |  |  |  | 0**.** | 9 | 7 |  |  |
| Rounded |  |  |  | 1**.** | 0 |  |  |  |
| Reserve | 7 | 5 | 0 | 9 |  |  |  |  |
| Final Value | 7 | 5 | 1 | 0 |  |  |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Number | 7 | 5 | 0 | 9. | 9 | 7 | 6 | 5 |
| Place Value |  |  | 0 | 9 |  |  |  |  |
| Rounded |  |  | 1 | 0 |  |  |  |  |
| Reserve | 7 | 5 | 0 | 9 |  |  |  |  |
| Final Value | 7 | 5 | 1 | 0 |  |  |  |  |

|  |
| --- |
| **Round to the stated place value. (Show your work):** 59, 976.9837 |
| 1) Tens | 2) Tenths | 3) Hundreds | 4) Hundredths |
| 5) Ones | 6) Thousands | 7) Thousandths | 8) Ten Thousands |

Round to the stated place values:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | 467.94 | 976.9037 | 4,657.21 | 6,603.07 | 80,053.4705 | 99,799.9969 |
| **Thousands** |  |  |  |  |  |  |
| **Ones** |  |  |  |  |  |  |
| **Tenths** |  |  |  |  |  |  |
| **Tens** |  |  |  |  |  |  |
| **Hundredths** |  |  |  |  |  |  |
| **Hundreds** |  |  |  |  |  |  |
| **Thousandths** |  |  |  |  |  |  |