**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_’s Notes Rules for Rounding**

Here's the general rule for rounding:

* **If the number you are rounding is followed by 5, 6, 7, 8, or 9, round the number up.** Example: 38 rounded to the nearest ten is 401
* **If the number you are rounding is followed by 0, 1, 2, 3, or 4, round the number down.** Example: 33 rounded to the nearest ten is 30

**What Are You Rounding to?**

When rounding a number, you first need to ask: **what are you rounding it to?** Numbers can be rounded to the nearest ten, the nearest hundred, the nearest thousand, and so on.

Consider the number 4,827.

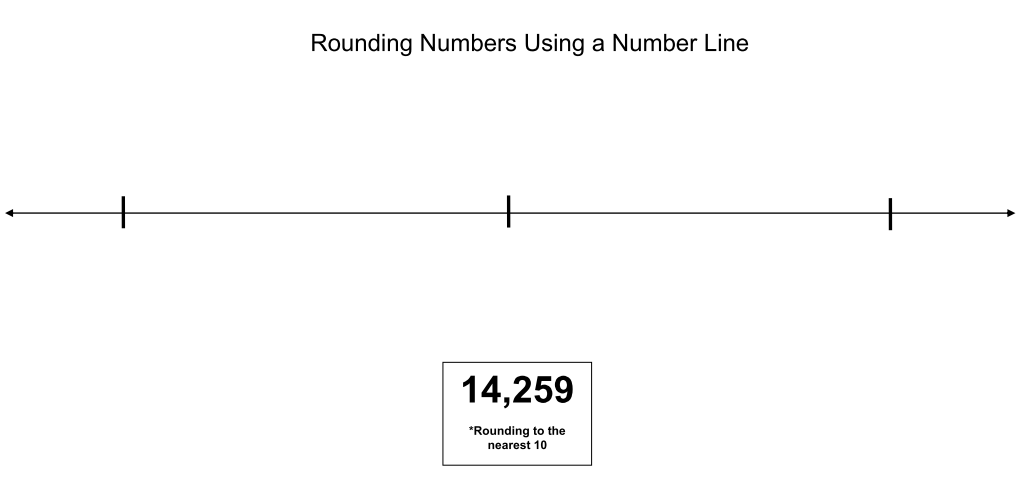
* 4,827 rounded to the nearest ten is 4,830
* 4,827 rounded to the nearest hundred is 4,800
* 4,827 rounded to the nearest thousand is 5,000

All the **numbers to the right of the place you are rounding to become zeros.** Here are some more examples:

* 34 rounded to the nearest ten is 30
* 6,809 rounded to the nearest hundred is 6,800
* 1,951 rounded to the nearest thousand is 2,000

Try these examples:

|  |  |  |  |
| --- | --- | --- | --- |
| **Number** | **Nearest 10** | **Nearest 100** | **Nearest 1,000** |
| 979 |  |  |  |
| 5,468 |  |  |  |
| 112,914 |  |  |  |

**How can I use a number line to help me round?** 

**First ask yourself, “What am I rounding to?”\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Next ask yourself, “What information do I need to know to use the number line?”\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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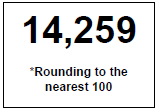
**Finally, “What labels will I need to put on the number line? Why?”**

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**Example 2**





**First ask yourself, “What am I rounding to?”\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Next ask yourself, “What information do I need to know to use the number line?”\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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**Finally, “What labels will I need to put on the number line? Why?”**

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