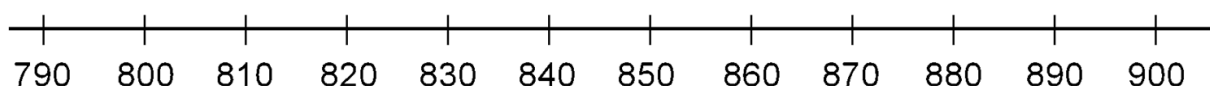**Rounding to the <u>nearest hundred</u>**:   A hundred has *only* zeros to the right →
of the hundred's place—i.e. zeros in <u>both</u> the ones <u>and</u> tens places.

Here are the rules.

A number that is *already* a 'hundred' rounds to itself.

A number *midway* between two consecutive hundreds rounds to the <u>greater</u>
of the two.

Any other number rounss to the hundred it is nearest to.

```
+———+———+———+———+———+———+———+———+———+———+———+———+
790  800  810  820  830  840  850  860  870  880  890  900
```

Use the number line above to round the following numbers to the nearest hundred:

859   825   850

847   790   800

*You can also round a number to the nearest hundred without drawing a number
line. Here's how*:

First—decide which two hundreds the number comes between.

Then—look at the number's *tens* digit.

If the *tens* digit is 0, 1, 2, 3 or 4, round <u>down</u> to the lesser of the two hundreds.

If the *tens* digit is 5, 6, 7, 8, or 9, round <u>up</u> to the greater of the two hundreds.

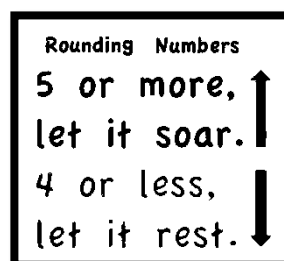<u>Examples</u>:

Round 428 to the nearest hundred.
<u>4</u>28 comes between <u>4</u>00 and 500.
The tens digit is 2, so round down to 400.

Round 756 to the nearest hundred.
<u>7</u>56 comes between <u>7</u>00 and 800.
The tens digit is 5, so round up to 800.

Rounding Numbers
5 or more,
let it soar.
4 or less,
let it rest.

See if you can round these numbers to the nearest hundred without drawing a number line:

416   670

837   557

529   40

960   300

You can also round to the **nearest _ten_** without a number line:

Decide which two tens the number you are rounding comes between.

Numbers that end in 1, 2, 3, or 4 are *rounded down* to lesser ten.

Numbers that end in 5, 6, 7, 8, and 9 are *rounded up* to the greater ten.

Examples: Round 608 to the nearest ten.
                   608 comes between 600 and 610.
                   The ones digit is 8, so round up to 610.

                   Round 595 to the nearest ten.
                   595 comes between 590 and 600.
                   The ones digit is 5, so round up to 600.

Try to round these numbers to the nearest ten without drawing a number line:

(*Remember—a *ten* is any number with a zero in the ones place. Therefore, *hundreds* are *tens* too.)

343   407   502

78   115   997