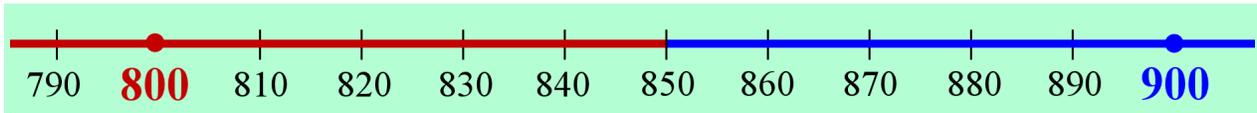


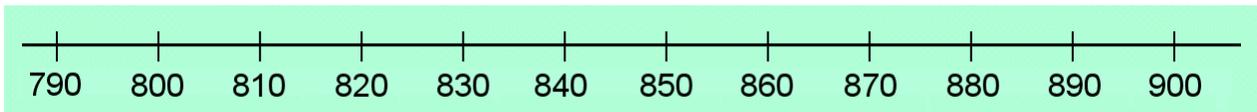
Rounding to the Nearest Hundred

When we round **to the nearest hundred**, the numbers “residing” in the red areas (up to 850) on the number line are rounded to 800. The numbers in the blue areas are rounded to 900.



Again, distance matters. Numbers from 801 to 849 are closer to 800 than to 900. Numbers from 851 to 899 are closer to 900 than to 800. And the “middle guy,” 850, is rounded up to 900: $850 \approx 900$.

1. Mark the numbers as dots on the number line (approximately) and round them to either 800 or 900.



a.	b.	c.	d.
$804 \approx$ _____	$825 \approx$ _____	$860 \approx$ _____	$808 \approx$ _____
$859 \approx$ _____	$850 \approx$ _____	$847 \approx$ _____	$892 \approx$ _____

When rounding to the **nearest hundred**, look at the **TENS DIGIT** of the number.

- If that digit is 0, 1, 2, 3, or 4, you will *round down* to the previous hundred.
- If that digit is 5, 6, 7, 8, or 9, you will *round up* to the next hundred.

$728 \approx ?$ The tens digit is 2, so round down:

$$728 \approx 700$$

$471 \approx ?$ The tens digit is 7, so round up:

$$471 \approx 500$$

$956 \approx ?$ The tens digit is 5, so round up:

$$956 \approx 1000$$

2. Round these numbers to the nearest hundred.

a.	b.	c.	d.
$416 \approx$ _____	$529 \approx$ _____	$670 \approx$ _____	$254 \approx$ _____
$837 \approx$ _____	$960 \approx$ _____	$557 \approx$ _____	$147 \approx$ _____