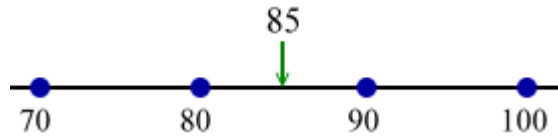


Rounding

When you are rounding to the nearest *ten*, look at the **ONES DIGIT**.

- If the ones digit is 0, 1, 2, 3, or 4, then round down.
- If the ones digit is 5, 6, 7, 8, or 9, then round up.
- If you round up, the tens digit increases by one.

The sign " \approx " is read "is about", or "is approximately".



When the number is exactly in the middle, **round up**. $85 \approx 90$.
(This is just a convention.)

You can draw a line after the digit whose place you are rounding to. The digit or digits after the line will become zeros.

$$25\overline{6} \approx 26\overline{0} \text{ (up)} \quad 8\overline{4} \approx 8\overline{0} \text{ (down)} \quad 3,28\overline{7} \approx 3,29\overline{0} \text{ (up)} \quad 9,85\overline{4} \approx 9,85\overline{0} \text{ (down)}$$

Notice carefully: If you are rounding up, and the tens digit is already 9, look at the *two* digits just before your line, and increase that "number" by one:

$$3,29\overline{7} \approx 3,30\overline{0} \text{ (up)}$$

$$\overline{79}5 \approx 80\overline{0} \text{ (up)}$$

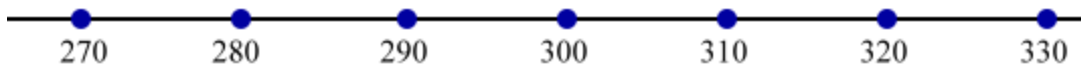
$$3,09\overline{8} \approx 3,10\overline{0} \text{ (up)}$$

It is as if the "29" formed by the hundreds and tens changes into "30" - exactly one more.
(In reality it is "29" tens changing to "30" tens.)

The "79" changes to "80".

The "09" changes to "10".

1. Round the numbers to the nearest ten. The number line can help.



- | | | | |
|------------------------|------------------------|------------------------|------------------------|
| a. $294 \approx$ _____ | b. $315 \approx$ _____ | c. $278 \approx$ _____ | d. $287 \approx$ _____ |
| e. $315 \approx$ _____ | f. $296 \approx$ _____ | g. $304 \approx$ _____ | h. $207 \approx$ _____ |

2. Round these numbers to the nearest ten.

- | | | | |
|------------------------|------------------------|--------------------------|--------------------------|
| a. $526 \approx$ _____ | d. $197 \approx$ _____ | g. $440 \approx$ _____ | j. $4,061 \approx$ _____ |
| b. $34 \approx$ _____ | e. $706 \approx$ _____ | h. $5,971 \approx$ _____ | k. $2,282 \approx$ _____ |
| c. $181 \approx$ _____ | f. $392 \approx$ _____ | i. $9,567 \approx$ _____ | l. $4,004 \approx$ _____ |