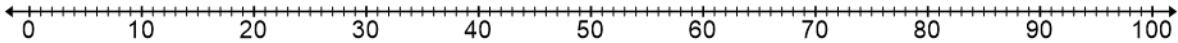


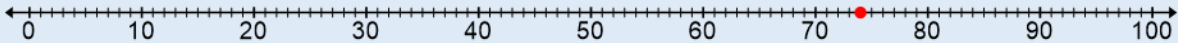
## Rounding to the Nearest Ten

Practice counting by tens. Use the number line below and skip count saying 10, 20, 30, 40, 50, .... Given any number to round to the nearest ten, find its location on the number line and name the closest ten. Numbers located exactly halfway between two tens round to the next ten.



### Example:

Round 74 to the nearest 10  
Locate 74 on the number line.



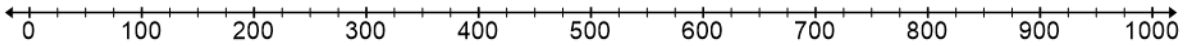
The number 74 is between 70 and 80 on the number line and closer to 70. So, 74 rounds to 70.

**Use the number line above to round the following numbers to the nearest ten.**

Number	Round to the Nearest Ten
27	
93	
41	
76	
52	
18	
64	
35	

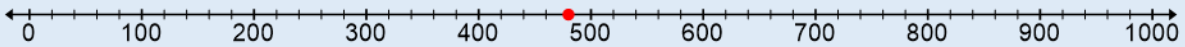
## Rounding to the Nearest Hundred

Practice counting by hundreds. Use the number line below and skip count saying 100, 200, 300, 400, 500, .... Given any number to round to the nearest hundred, find its location on the number line and name the closest hundred. Numbers located exactly halfway between two hundreds round to the next hundred.



### Example:

Round 480 to the nearest 100  
Locate 480 on the number line.



The number 480 is between 400 and 500 on the number line and closer to 500. So, 480 rounds to 500.

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

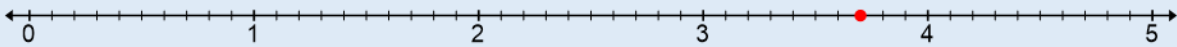
Number	Round to the Nearest Hundred
260	
930	
420	
540	
180	
650	
310	
870	

## Rounding to the Nearest Whole Number

When given a fraction or decimal number find its location on the number line and name the closest whole number. Numbers located exactly halfway between two whole numbers round to the next whole number.

### Example 1:

Round 3.7 to the nearest whole number  
Locate 3.7 on the number line.

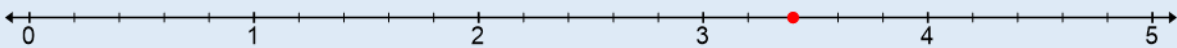


The number 3.7 is between 3 and 4 on the number line and closer to 4. So, 3.7 rounds to 4.

### Example 2:

Round the mixed number  $3\frac{2}{5}$  to the nearest whole number.

Divide the number line into fifths. Locate  $3\frac{2}{5}$  on the number line.



The number  $3\frac{2}{5}$  is between 3 and 4 on the number line and closer to 3. So,  $3\frac{2}{5}$  rounds to 3.

**Use a number line to round the following numbers to the nearest whole number. Divide the blank number line below into appropriate units to round fractions.**



Number	Round to the Nearest Whole Number
1.3	
$4\frac{3}{4}$	
$2\frac{1}{2}$	
4.2	
2.6	

## Rounding to Any Given Place Using the Standard Algorithm

Use a place value chart to round a number to a given place.

Step 1: Write the number on a place value chart.

Step 2: Circle the number in the place you are rounding to.

Step 3: Look at the number in the place immediately to the right of the circled number. If it is 5 or more, add one to the circled number. If it is less than 5, keep the circled number the same. Change all digits to the right of the circled number to zero.

### Example 1:

Round 13,756 to the nearest thousand.

Step 1: Write the number on a place value chart.

Hundred Thousands	Thousands	Hundreds	Tens	Ones
1	3	7	5	6

Step 2: Circle the number in the place you are rounding to.

Hundred Thousands	Thousands	Hundreds	Tens	Ones
1	3	7	5	6

Step 3: The number to the right of the circled number is 7, which is greater than 5, so add one to 3 and replace all digits to the right of the 3 with zeros.

The rounded number is 14,000.

### Example 2:

Round 843.21 to the nearest tenth.

Step 1: Write the number on a place value chart.

Hundreds	Tens	Ones	.	Tenths	Hundredths
8	4	3	.	2	1

Step 2: Circle the number in the place you are rounding to.

Hundreds	Tens	Ones	.	Tenths	Hundredths
8	4	3	.	2	1

Step 3: The number to the right of the circled number is 1, which is less than 5, so the 2 will stay the same. Numbers to the right of the decimal point which are zero do not need to be written.

The rounded number is 843.2.