

Name _____

Round Numbers

When you round a number, you replace it with a number that is easier to work with but not as exact. You can round numbers to different place values.

Round 478,456 to the place value of the underlined digit.

Step 1 Identify the underlined digit.

The underlined digit, 4, is in the hundred thousands place.

Step 2 Look at the number to the right of the underlined digit.

If that number is 0–4, the underlined digit stays the same.

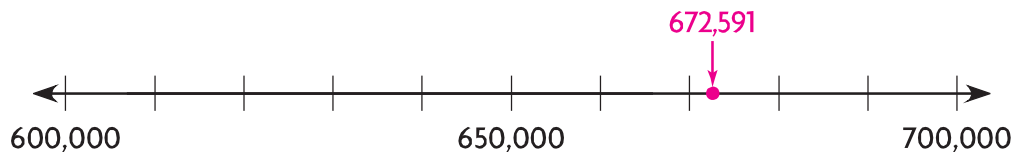
If that number is 5–9, the underlined digit is increased by 1.

The number to the right of the underlined digit is 7, so the underlined digit, 4, will be increased by one; $4 + 1 = \underline{5}$.

Step 3 Change all the digits to the right of the hundred thousands place to zeros.

So, 478,456 rounded to the nearest hundred thousand is 500,000.

1. In 2010, the population of North Dakota was 672,591 people. Use the number line to round this number to the nearest hundred thousand.



672,591 is closer to 700,000 than 600,000,
so it rounds to 700,000.

Round to the place value of the underlined digit.

2. 3,452

3,500

3. 180

200

4. \$72,471

\$70,000

5. 572,000

600,000

6. 950

1,000

7. 6,495

6,000

8. 835,834

840,000

9. 96,625

96,600