

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 8,756 to the place value of the underlined digit.

Step 1 Identify the underlined digit.

The underlined digit, 8, is in the 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, 8, will be increased by one; $8 + 1 = \underline{9}$.

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

So, 8,756 rounded to the nearest thousand is 9,000.

- 1** In 2019, the population of Long Boat Key, Florida was 7,283. Use the number line to round this number to the nearest thousand.



7,283 is closer to _____ than _____,

so it rounds to _____.

Round to the place value of the underlined digit.

2 3,452

3 180

4 \$2,471

5 8,600

6 950

7 6,495

8 835

9 6,625
