

Generalize place value understanding for multi-digit whole numbers by analyzing patterns, writing whole numbers in a variety of ways, making comparisons, and rounding (Standards 4.NBT.1–3).

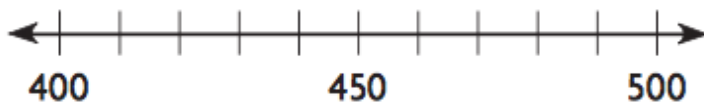
Standard 4.NBT.3 Use place value understanding to round multi-digit whole numbers to any place.

Please Note: Expectations in this strand are limited to whole numbers less than or equal to 1,000,000.

Key Elements: Round numbers to the nearest hundred thousand.

Number Line – Identify the two benchmark numbers that comes before and after the rounded number. Make a number line with the benchmark numbers on it. Place the number in its respective place and determine whether or not it is closer to the rounded down benchmark number or rounded up benchmark number. This will decide whether they round down or up. Which benchmark it is closer to

Round 463 to the nearest 100.



463 is closer to 500 than 400.

463 is rounded to 500.

Rounding Mountains – Students identify the place value of the number that is being rounded. They look at the digit to the right of it and decide if that digit is 0-4 (round down) or 5-9 (round up). Looking at the rounding mountain will help them decide how to round.

7,369 round to the nearest hundred. Identify what digit is in the hundreds place and circle it. Underline the number to the right (6), and decide whether or not it will be rounded down or up using the rounding mountain. 6 is a number that is rounded up, so the answer would be 7,400.

