

Whole Number Place Value Study Guide

- Students will understand that the base ten system is critical to their knowledge of place value and its use when comparing and rounding numbers.
- Students will understand that rounding is one form of estimation that allows them to determine reasonableness of their answers.

- Why is place value important when comparing numbers and rounding?
- Why do we round numbers?

Essential Vocabulary

- Expanded Notation
- Standard Form
- Word Form
- Round
- Estimation
- Compare
- Digit
- Unit
- Base Ten System
- Greatest
- Least
- Less than
- Greater than
- Equal

Create It: Choose a multi-digit number up to 1,000,000. _____

Model It: Show the number you created in two different forms.

Write the number in words

Write the number in expanded form _____

Explain It: Pick a digit from your number and explain the value of it. Use precise language.

The digit _____ in my number _____ has a value of _____ because I know _____

Round 1,842 to the nearest ten using the number line below.

