LESSON MAKER PRO

Place Value Power

Read, compare, and round large whole numbers.

GRADE 4 · 4.NBT.A

CCSS.Math.Content.4.NBT.A "Generalize place value understanding for multi-digit whole numbers."

NAME _____ DATE _____

PLACE VALUE PATTERNS

A digit's value depends on its place. Each place to the left is worth 10 times as much as the place to its right. To round a number, look at the digit to the right of the place you are rounding to.

WORKED EXAMPLE

Round 368,452 to the nearest ten thousand.

1. Find the ten-thousands digit, 6.
2. Look at the thousands digit, 8.
3. Because 8 is 5 or more, increase 6 to 7.
4. Change all digits to the right to 0: 370,000.

Answer: 370,000

PRACTICE 6 problems

1 What is the value of the 7 in 572,914?

ANSWER _____

2 What is the value of the left 4 in 44,206?

ANSWER _____

3 Write 609,318 in expanded form.

ANSWER _____

4 Write eight hundred twenty-four thousand, sixty-seven in standard form.

ANSWER _____

5 Choose the correct symbol: 451,290 __ 451,209

ANSWER _____

6 Round 746,381 to the nearest thousand.

ANSWER _____

APPLY IT Show your work

1 A sports stadium sold 286,745 tickets during a season. About how many tickets did it sell, rounded to the nearest ten thousand?

WORK SPACE

ANSWER _____

2 In a game tournament, Maya earned 405,090 points. Eli earned 450,009 points. Who earned more points?

WORK SPACE

ANSWER _____

CHALLENGE One step up

Use the digits 2, 5, 7, and 9 exactly once to make the greatest four-digit number that rounds to 8,000 when rounded to the nearest thousand.

WORK SPACE AND ANSWER

ANSWER KEY

Place Value Power

GRADE 4 · 4.NBT.A

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	What is the value of the 7 in 572,914?	**70,000**
2	What is the value of the left 4 in 44,206?	**40,000**
3	Write 609,318 in expanded form.	**600,000 + 9,000 + 300 + 10 + 8**
4	Write eight hundred twenty-four thousand, sixty-seven in standard form.	**824,067**
5	Choose the correct symbol: 451,290 __ 451,209	**>**
6	Round 746,381 to the nearest thousand.	**746,000**

PART 2 · APPLY IT

1. **290,000 tickets** The ten-thousands digit is 8, and the thousands digit is 6. Round up to 290,000 tickets.
2. **Eli earned more points.** Compare the ten-thousands digits because both numbers have 4 in the hundred-thousands place. Eli has 5 ten-thousands, and Maya has 0 ten-thousands.

CHALLENGE

7,952

Accept expanded forms with or without zero-value places. For comparison answers, accept the symbol or a correct sentence stating which number is greater.