

Round It Right

Use place value to choose the closest rounded number.

GRADE 4 • NY-4.NBT.3

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

NAME _____

DATE _____

ROUND BY PLACE VALUE

Find the digit in the place you are rounding to. Look at the digit just to its right. If it is 5 or more, increase the rounding digit by 1. If it is 4 or less, keep the rounding digit the same, then change all digits to its right to zeros.

WORKED EXAMPLE

Round 273,846 to the nearest thousand.

1. The thousands digit is 3.
2. The digit to its right is 8.
3. Because 8 is 5 or more, change 3 thousands to 4 thousands.
4. Change the hundreds, tens, and ones digits to zeros.

Answer: 274,000

PRACTICE 6 problems

1 Round 6,482 to the nearest ten.

ANSWER _____

2 Round 31,749 to the nearest hundred.

ANSWER _____

3 Round 85,651 to the nearest thousand.

ANSWER _____

4 Round 407,298 to the nearest ten thousand.

ANSWER _____

5 Round 1,234,567 to the nearest hundred thousand.

ANSWER _____

6 Round 692,450 to the nearest ten thousand.

ANSWER _____

APPLY IT Show your work

- 1** The school library has 18,764 books. About how many books does it have to the nearest thousand?

WORK SPACE

ANSWER _____

- 2** A video game company sold 246,501 tickets for a tournament. About how many tickets did it sell to the nearest hundred thousand?

WORK SPACE

ANSWER _____

CHALLENGE One step up

A stadium attendance rounds to 500,000 when rounded to the nearest hundred thousand. What are the least and greatest possible whole-number attendances?

WORK SPACE AND ANSWER

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	Round 6,482 to the nearest ten.	6,480
2	Round 31,749 to the nearest hundred.	31,700
3	Round 85,651 to the nearest thousand.	86,000
4	Round 407,298 to the nearest ten thousand.	410,000
5	Round 1,234,567 to the nearest hundred thousand.	1,200,000
6	Round 692,450 to the nearest ten thousand.	690,000

PART 2 • APPLY IT

1. **19,000 books** Round 18,764 to the nearest thousand. The hundreds digit is 7, so increase the thousands digit from 8 to 9.
2. **200,000 tickets** Round 246,501 to the nearest hundred thousand. The ten-thousands digit is 4, so keep the hundred-thousands digit at 2.

CHALLENGE

Least: 450,000; greatest: 549,999

Accept answers with or without commas when the digit values are correct. For the challenge, both endpoints must be correct.