LESSON MAKER PRO

Round It Right

Use place value to find close, useful numbers.

GRADE 4 · 4.NBT.A.3

CCSS.Math.Content.4.NBT.A.3 "Use place value understanding to round multi-digit whole numbers to any place."

NAME _____ DATE _____

ROUND BY LOOKING RIGHT

Find the digit in the place you are rounding to. Look at the digit directly 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 the right to zeros.

WORKED EXAMPLE

Round 48,372 to the nearest hundred.

1. The hundreds digit is 3.
2. The tens digit is 7, so increase the hundreds digit by 1.
3. Change the tens and ones digits to zeros: 48,400.

Answer: 48,400

PRACTICE 6 problems

1 Round 6,784 to the nearest ten.

ANSWER _____

2 Round 35,219 to the nearest hundred.

ANSWER _____

3 Round 81,650 to the nearest thousand.

ANSWER _____

4 Round 407,381 to the nearest ten thousand.

ANSWER _____

5 Round 999,499 to the nearest hundred thousand.

ANSWER _____

6 Round 260,041 to the nearest thousand.

ANSWER _____

APPLY IT Show your work

1 A video game had 18,764 players join an online event. About how many players joined, rounded to the nearest thousand?

WORK SPACE

ANSWER _____

2 A library counted 246,305 books in its collection. About how many books is that, rounded to the nearest ten thousand?

WORK SPACE

ANSWER _____

CHALLENGE One step up

Mina says that 572,650 rounds to 572,000 when rounded to the nearest thousand. Is Mina correct? Write the correct rounded number and explain why.

WORK SPACE AND ANSWER

ANSWER KEY

Round It Right

GRADE 4 · 4.NBT.A.3

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Round 6,784 to the nearest ten.	**6,780**
2	Round 35,219 to the nearest hundred.	**35,200**
3	Round 81,650 to the nearest thousand.	**82,000**
4	Round 407,381 to the nearest ten thousand.	**410,000**
5	Round 999,499 to the nearest hundred thousand.	**1,000,000**
6	Round 260,041 to the nearest thousand.	**260,000**

PART 2 · APPLY IT

1. **19,000 players** The thousands digit is 8. The hundreds digit is 7, so round up to 19,000.
2. **250,000 books** The ten thousands digit is 4. The thousands digit is 6, so round up to 250,000.

CHALLENGE

No. 572,650 rounds to 573,000 because the hundreds digit is 6, so the thousands digit rounds up from 2 to 3.

Accept answers with or without commas when the value is correct. For the challenge, accept explanations that state the hundreds digit is 6 or is 5 or more, so the thousands digit increases.