LESSON MAKER PRO

Round Number Routes

Use place value to find the nearest round number.

GRADE 3 · 3.N.1

3.N.1 "Compare and represent whole numbers up to 100,000 with an emphasis on place value and equality. Read, write, discuss, and represent whole numbers up to 100,000. Representations should include but are not limited to numerals, words..."

NAME _____ DATE _____

WHICH IS CLOSER?

To round, find the two nearest numbers that end in zeros at the place you are rounding to. Choose the one closer to your number. If your number is halfway between them, choose the greater one.

WORKED EXAMPLE

Round 32,680 to the nearest thousand.

1. The two nearest thousands are 32,000 and 33,000.
2. Halfway between them is 32,500.
3. 32,680 is greater than 32,500, so round to 33,000.

Answer: 33,000

PRACTICE 6 problems

1 Round 14,499 to the nearest thousand.

ANSWER _____

2 Round 28,500 to the nearest thousand.

ANSWER _____

3 Round 76,940 to the nearest thousand.

ANSWER _____

4 Round 64,999 to the nearest ten-thousand.

ANSWER _____

5 Round 85,000 to the nearest ten-thousand.

ANSWER _____

6 Round 64,000 to the nearest hundred-thousand.

ANSWER _____

APPLY IT Show your work

1 A dinosaur exhibit had 23,650 visitors last month. About how many visitors is that to the nearest thousand?

WORK SPACE

ANSWER _____

2 A school team scored 47,300 points in an online game. About how many points is that to the nearest ten-thousand?

WORK SPACE

ANSWER _____

CHALLENGE One step up

Round 74,500 to the nearest thousand and to the nearest ten-thousand. In one sentence, explain why you got different answers.

WORK SPACE AND ANSWER

ANSWER KEY

Round Number Routes

GRADE 3 · 3.N.1

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Round 14,499 to the nearest thousand.	**14,000**
2	Round 28,500 to the nearest thousand.	**29,000**
3	Round 76,940 to the nearest thousand.	**77,000**
4	Round 64,999 to the nearest ten-thousand.	**60,000**
5	Round 85,000 to the nearest ten-thousand.	**90,000**
6	Round 64,000 to the nearest hundred-thousand.	**100,000**

PART 2 · APPLY IT

1. **24,000 visitors** 23,650 is above the halfway point of 23,500, so it rounds to 24,000.
2. **50,000 points** 47,300 is closer to 50,000 than to 40,000.

CHALLENGE

Nearest thousand: 75,000. Nearest ten-thousand: 70,000. The number is halfway between 74,000 and 75,000, but it is closer to 70,000 than to 80,000.

Accept answers with or without commas. For the challenge, accept any one-sentence explanation that correctly compares 74,500 with the nearby thousands and ten-thousands.