LESSON MAKER PRO

Round About Numbers

Use place value to find a nearby number.

GRADE 3 · 3.N.1.5

3.N.1.5 "Use place value understanding to round numbers to the nearest thousand, ten-thousand and hundred-thousand."

NAME _____ DATE _____

LOOK ONE PLACE RIGHT

To round a number, find the place you are rounding to and look at the digit just to its right. If that digit is 5 or more, round up; if it is 4 or less, keep the rounding digit the same. Make every digit to its right a 0.

WORKED EXAMPLE

Round 32,741 to the nearest thousand.

1. Find the thousands digit: 2.
2. Look at the hundreds digit: 7.
3. Since 7 is 5 or more, round the thousands digit up to 3 and change the digits to its right to 0.

Answer: 33,000

PRACTICE 6 problems

1 Round 24,381 to the nearest thousand.

ANSWER _____

2 Round 75,500 to the nearest thousand.

ANSWER _____

3 Round 64,281 to the nearest ten-thousand.

ANSWER _____

4 Round 86,745 to the nearest ten-thousand.

ANSWER _____

5 Round 49,999 to the nearest hundred-thousand.

ANSWER _____

6 Round 58,370 to the nearest hundred-thousand.

ANSWER _____

APPLY IT Show your work

1 A game club scored 38,650 points in one month. About how many points is that to the nearest thousand?

WORK SPACE

ANSWER _____

2 A video about sea turtles got 72,400 views. About how many views is that to the nearest hundred-thousand?

WORK SPACE

ANSWER _____

CHALLENGE One step up

Write one whole number that rounds to 47,000 to the nearest thousand and to 50,000 to the nearest ten-thousand. Explain how you know.

WORK SPACE AND ANSWER

ANSWER KEY

Round About Numbers

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PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Round 24,381 to the nearest thousand.	**24,000**
2	Round 75,500 to the nearest thousand.	**76,000**
3	Round 64,281 to the nearest ten-thousand.	**60,000**
4	Round 86,745 to the nearest ten-thousand.	**90,000**
5	Round 49,999 to the nearest hundred-thousand.	**0**
6	Round 58,370 to the nearest hundred-thousand.	**100,000**

PART 2 · APPLY IT

1. **39,000 points** The hundreds digit is 6, so round 38,650 up to 39,000.
2. **100,000 views** The ten-thousands digit is 7, so round 72,400 up to 100,000.

CHALLENGE

One answer is 47,200. Its hundreds digit is 2, so it rounds to 47,000 to the nearest thousand. Its thousands digit is 7, so it rounds to 50,000 to the nearest ten-thousand.

For the challenge, accept any whole number from 46,500 through 47,499 with a correct explanation. Accept answers with or without units when the number is correct.