LESSON MAKER PRO

Number Ways

Read and build numbers to 100,000

GRADE 3 · 3.N.1.1

3.N.1.1 "Read, write, discuss, and represent whole numbers up to 100,000. Representations should include but are not limited to numerals, words, pictures, number lines, and manipulatives (e.g., 350 = 3 hundreds, 5 tens = 35 tens = 3 hundreds..."

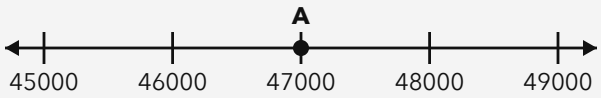
NAME _____ DATE _____

PLACE VALUE

A digit's place tells its value. You can show the same number in different ways by breaking it into place values or trading 10 of one place for 1 of the next place.

WORKED EXAMPLE

What number is at A? Write it in expanded form.



1. A is at 47,000.
2. 4 ten-thousands = 40,000.
3. 7 thousands = 7,000.

Answer: 47,000 = 40,000 + 7,000

PRACTICE 4 problems

1 Write 63,205 in expanded form.

ANSWER _____

2 Write 70,000 + 4,000 + 90 + 2 as a numeral.

ANSWER _____

3 What number is 5 ten-thousands + 3 thousands + 12 tens?

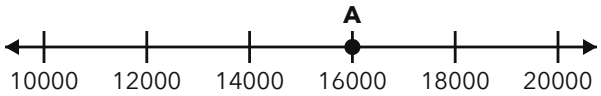
ANSWER _____

4 Which is greater: 28,600 or 28,060?

ANSWER _____

APPLY IT Show your work

1 Mia's game score is at A. Write her score as a numeral and in words.



ANSWER _____

2 An arcade has 36,400 prize tickets. Tickets come in bundles of 100. How many bundles is that?

WORK SPACE

ANSWER _____

CHALLENGE One step up

A player has 56,320 points. Is that the same as 55 thousands + 13 hundreds + 2 tens? Explain.

WORK SPACE AND ANSWER

ANSWER KEY # Number Ways

GRADE 3 · 3.N.1.1

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Write 63,205 in expanded form.	**60,000 + 3,000 + 200 + 5**
2	Write 70,000 + 4,000 + 90 + 2 as a numeral.	**74,092**
3	What number is 5 ten-thousands + 3 thousands + 12 tens?	**53,120**
4	Which is greater: 28,600 or 28,060?	**28,600**

PART 2 · APPLY IT

1. **16,000; sixteen thousand** A marks 16,000 on the number line.
2. **364 bundles** 36,400 is 364 hundreds, so it is 364 bundles of 100.

CHALLENGE

Yes. 55,000 + 1,300 + 20 = 56,320.

Accept equivalent expanded forms for practice problem 1. For the challenge, accept any correct explanation that shows the two amounts are equal.