LESSON MAKER PRO

Number Treasures

Show what each digit is worth.

GRADE 2 · 2.N.1.3

2.N.1.3 "Use place value to describe whole numbers between 10 and 1,000 in terms of hundreds, tens, and ones, including written, standard, and expanded forms. Know that 10 is equivalent to 10 ones and 100 is equivalent to 10 tens."

NAME _____ DATE _____

PLACE VALUE

A digit's place tells how much it is worth. Expanded form shows a number as hundreds, tens, and ones added together. Ten ones make 1 ten, and 10 tens make 1 hundred.

WORKED EXAMPLE

A box has 246 buttons. Write 246 in expanded form.

1. 2 hundreds = 200
2. 4 tens = 40
3. 6 ones = 6

Answer: 200 + 40 + 6

PRACTICE 5 problems

1 A sticker book has 3 hundreds, 5 tens, and 7 ones of stickers. How many stickers is that?

ANSWER _____

2 A jar has 482 marbles. Write 482 in expanded form.

ANSWER _____

3 A pet store has sixty-four fish. Write the number of fish in standard form.

ANSWER _____

4 A bead box has 10 ones of beads. How many tens of beads is that?

ANSWER _____

5 A shelf holds 900 + 30 + 5 toy blocks. Write the number of blocks in standard form.

ANSWER _____

APPLY IT Show your work

1 At the school fair, Zoey wins 315 tickets. Write the number of tickets in expanded form.

WORK SPACE

ANSWER _____

2 A game shows a score of 400 + 60 + 9 points. Write the score in words.

WORK SPACE

ANSWER _____

CHALLENGE One step up

A toy store has 4 hundreds, 10 tens, and 3 ones of game cards. How many game cards are there? Explain in one sentence.

WORK SPACE AND ANSWER

ANSWER KEY

Number Treasures

GRADE 2 · 2.N.1.3

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	A sticker book has 3 hundreds, 5 tens, and 7 ones of stickers. How many stickers is that?	**357 stickers**
2	A jar has 482 marbles. Write 482 in expanded form.	**400 + 80 + 2**
3	A pet store has sixty-four fish. Write the number of fish in standard form.	**64**
4	A bead box has 10 ones of beads. How many tens of beads is that?	**1 ten**
5	A shelf holds 900 + 30 + 5 toy blocks. Write the number of blocks in standard form.	**935**

PART 2 · APPLY IT

1. **300 + 10 + 5** The digits show 3 hundreds, 1 ten, and 5 ones.
2. **four hundred sixty-nine** Combine 4 hundreds, 6 tens, and 9 ones to get 469, then write it in words.

CHALLENGE

503 game cards. Ten tens make 1 hundred, so there are 5 hundreds and 3 ones.

Accept answers with or without object names when the number is correct. For the challenge, the explanation must show that 10 tens make 1 hundred.