LESSON MAKER PRO

Toy Shop Numbers

Find the hundreds, tens, and ones.

GRADE 2 · 2.NBT.A.6

2.NBT.A.6 "Explain that the three digits of a three-digit number represent amounts of hundreds, tens, and ones. a. Explain the following three-digit numbers as special cases: 100 can be thought of as a bundle of ten tens..."

NAME _____ DATE _____

THREE PLACES

In a three-digit number, the first digit tells how many hundreds, the middle digit tells how many tens, and the last digit tells how many ones. Ten tens make one hundred. A zero means none in that place.

WORKED EXAMPLE

A toy store has 342 yo-yos. How many hundreds, tens, and ones are in 342?

1. The 3 shows 3 hundreds.
2. The 4 shows 4 tens.
3. The 2 shows 2 ones.

Answer: 3 hundreds, 4 tens, 2 ones

PRACTICE 5 problems

1 A shelf has 200 toy cars. How many hundreds, tens, and ones are in 200?

ANSWER _____

2 A bin holds 250 blocks. How many hundreds, tens, and ones are in 250?

ANSWER _____

3 A jar holds 604 beads. How many tens does the tens digit show?

ANSWER _____

4 A shop has 800 balloons. How many hundreds are in 800?

ANSWER _____

5 A box holds 471 crayons. How many hundreds, tens, and ones are in 471?

ANSWER _____

APPLY IT Show your work

1 A class saved 300 bottle caps. How many hundreds of caps is that? How many tens and ones?

WORK SPACE

ANSWER _____

2 At the school fair, 120 tickets were sold. What does the 2 in 120 tell you?

WORK SPACE

ANSWER _____

CHALLENGE One step up

A toy shop has 10 boxes with 10 marbles in each box. Jay says that is 1 hundred marbles. Is Jay right? Tell why.

WORK SPACE AND ANSWER

ANSWER KEY

Toy Shop Numbers

GRADE 2 · 2.NBT.A.6

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	A shelf has 200 toy cars. How many hundreds, tens, and ones are in 200?	**2 hundreds, 0 tens, 0 ones**
2	A bin holds 250 blocks. How many hundreds, tens, and ones are in 250?	**2 hundreds, 5 tens, 0 ones**
3	A jar holds 604 beads. How many tens does the tens digit show?	**0 tens**
4	A shop has 800 balloons. How many hundreds are in 800?	**8 hundreds**
5	A box holds 471 crayons. How many hundreds, tens, and ones are in 471?	**4 hundreds, 7 tens, 1 one**

PART 2 · APPLY IT

1. **3 hundreds, 0 tens, 0 ones** The 3 is in the hundreds place. Both zeros show that there are no tens or ones.
2. **2 tens, or 20 tickets** The 2 is in the tens place, so it means 2 tens, or 20 tickets.

CHALLENGE

Yes. Ten groups of ten marbles make 100 marbles, or 1 hundred.

Accept number words in place of digits. For the challenge, accept an explanation that ten tens make one hundred.