

Bundle Power

Trade ones, tens, and hundreds.

GRADE 2 • 2.NS.2.d

2.NS.2.d "Investigate and explain the ten-to-one relationships among ones, tens, and hundreds, using models."

NAME _____

DATE _____

BUNDLE TRADES

A ten-bundle is 10 single ones. A hundred-bundle is 10 ten-bundles, or 100 ones. Use the bundles to trade up or down.

WORKED EXAMPLE

A classroom shelf has 6 hundred-bundles of paper clips. How many ten-bundles is that?

- 1 hundred = 10 tens.
- 6 hundreds = 6 groups of 10 tens.
- 6 groups of 10 tens = 60 tens.

Answer: 60 ten-bundles

PRACTICE 5 problems

- 1** A sticker page shows 3 ten-bundles of stickers. How many single stickers are there?

ANSWER _____

- 2** A toy bin has 5 hundred-bundles of toy coins. How many ten-bundles of coins are there?

ANSWER _____

- 3** A dog treat jar has 8 ten-bundles of treats. How many single treats are there?

ANSWER _____

- 4** A game shop has 7 hundred-bundles of game tickets. How many single tickets are there?

ANSWER _____

- 5** A bead box has 9 hundred-bundles of beads. How many ten-bundles of beads are there?

ANSWER _____

APPLY IT Show your work

- 1** Leo has 2 hundred-bundles of trading cards. He sorts them into ten-bundles. How many ten-bundles does Leo have?

WORK SPACE

ANSWER _____

- 2** At the school fair, Ava has 4 ten-bundles of prize tickets. How many single tickets does she have?

WORK SPACE

ANSWER _____

CHALLENGE One step up

CHALLENGE

A science club has 9 hundred-bundles of star stickers. Complete the chain: 9 hundreds = ____ tens = ____ ones.

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	A sticker page shows 3 ten-bundles of stickers. How many single stickers are there?	30 single stickers
2	A toy bin has 5 hundred-bundles of toy coins. How many ten-bundles of coins are there?	50 ten-bundles
3	A dog treat jar has 8 ten-bundles of treats. How many single treats are there?	80 single treats
4	A game shop has 7 hundred-bundles of game tickets. How many single tickets are there?	700 single tickets
5	A bead box has 9 hundred-bundles of beads. How many ten-bundles of beads are there?	90 ten-bundles

PART 2 • APPLY IT

1. **20 ten-bundles** Each hundred-bundle has 10 ten-bundles. 2 hundreds make 20 ten-bundles.
2. **40 single tickets** Each ten-bundle has 10 single tickets. 4 tens make 40 single tickets.

CHALLENGE

9 hundreds = 90 tens = 900 ones

Accept answers with the correct number and unit, such as 30 ones for 30 single stickers. For the challenge, accept any equivalent chain that shows 9 hundreds, 90 tens, and 900 ones.