LESSON MAKER PRO

Trade and Count

Add and subtract by trading tens and hundreds.

GRADE 2 · 2.NBT.7c

2.NBT.7c "Add and subtract within 1,000, using concrete models or drawings and strategies based on place value, properties of addition, and/or the relationship between addition and subtraction: Understand that sometimes it is necessary to compose or..."

NAME _____ DATE _____

TRADE TO MAKE TEN

When you add and have 10 or more ones, trade 10 ones for 1 ten. When you subtract and do not have enough ones or tens, trade from the next place.

WORKED EXAMPLE

A jar has 128 beads. You add 45 beads. How many beads are in the jar?

1. 8 ones + 5 ones = 13 ones.
2. Trade 10 ones for 1 ten. That leaves 3 ones.
3. 2 tens + 4 tens + 1 ten = 7 tens.

Answer: 1 hundred + 7 tens + 3 ones = 173 beads

PRACTICE 5 problems

1 A box has 157 crayons. You add 25 crayons. How many crayons are in the box?

ANSWER _____

2 A shop has 243 toy cars. It sells 18. How many toy cars are left?

ANSWER _____

3 A school has 268 books. It gets 54 more. How many books does it have now?

ANSWER _____

4 A club has 405 stickers. It gives away 27. How many stickers are left?

ANSWER _____

5 A pet store has 374 fish. It gets 48 more. How many fish does it have now?

ANSWER _____

APPLY IT Show your work

1 At a school fair, children put 236 tickets in a jar in the morning. They put in 87 more tickets in the afternoon. How many tickets are in the jar?

WORK SPACE

ANSWER _____

2 A library had 502 picture books. Students borrowed 146 picture books. How many picture books stayed at the library?

WORK SPACE

ANSWER _____

CHALLENGE One step up

Your game score is 290 points. You earn 35 more points. What is your new score? Explain how you made a new hundred.

WORK SPACE AND ANSWER

ANSWER KEY

Trade and Count

GRADE 2 · 2.NBT.7c

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	A box has 157 crayons. You add 25 crayons. How many crayons are in the box?	**182 crayons**
2	A shop has 243 toy cars. It sells 18. How many toy cars are left?	**225 toy cars**
3	A school has 268 books. It gets 54 more. How many books does it have now?	**322 books**
4	A club has 405 stickers. It gives away 27. How many stickers are left?	**378 stickers**
5	A pet store has 374 fish. It gets 48 more. How many fish does it have now?	**422 fish**

PART 2 · APPLY IT

1. **323 tickets** Add 236 + 87. Trade 13 ones for 1 ten, then trade 12 tens for 1 hundred.
2. **356 picture books** Subtract 502 - 146. Trade 1 hundred for 10 tens, then trade 1 ten for 10 ones.

CHALLENGE

325 points. The 9 tens and 3 tens make 12 tens, so I trade 10 tens for 1 hundred.

Accept any correct place-value method, including drawings or counting by tens and ones. For the challenge, accept an explanation that shows 10 tens becoming 1 hundred.