LESSON MAKER PRO

Place Value Trades

Add and subtract hundreds, tens, and ones.

GRADE 2 · NY-2.NBT.7.b

NY-2.NBT.7.b "Understand that in adding or subtracting up to three-digit numbers, one adds or subtracts hundreds and hundreds, tens and tens, ones and ones, and sometimes it is necessary to compose or decompose tens or hundreds."

NAME _____ **DATE** _____

TRADE WHEN NEEDED

Line up hundreds, tens, and ones. Add or subtract the same places. If you have too many or too few in one place, trade 10 ones for 1 ten or 10 tens for 1 hundred.

WORKED EXAMPLE

Ava has 146 shell stickers. She gets 128 more shell stickers. How many shell stickers does she have now?

1. Ones: 6 + 8 = 14 ones.
2. Regroup 14 ones as 1 ten and 4 ones.
3. Tens: 4 + 2 + 1 = 7 tens.
4. Hundreds: 1 + 1 = 2 hundreds.

Answer: 274 shell stickers

PRACTICE 5 problems

1 Noah has 235 stickers. His friend gives him 142 more stickers. How many stickers does Noah have now?

ANSWER _____

2 A bin has 463 toy blocks. Children take 121 toy blocks out of the bin. How many toy blocks are still in the bin?

ANSWER _____

3 Lena has 278 beads. She gets 156 more beads for a bracelet. How many beads does she have now?

ANSWER _____

4 A party has 604 balloons. Then 182 balloons are used. How many balloons are left?

ANSWER _____

5 A collector has 350 cards. She gets 275 more cards. How many cards does she have now?

ANSWER _____

APPLY IT Show your work

1 At the book fair, there are 485 bookmarks. Students take 237 bookmarks. How many bookmarks are left?

WORK SPACE

ANSWER _____

2 The class collects 167 cans for an animal shelter on Monday and 258 cans on Tuesday. How many cans do they collect altogether?

WORK SPACE

ANSWER _____

CHALLENGE One step up

A game shelf has 700 cards. Students take 356 cards. How many cards are left? Show the trades you make.

WORK SPACE AND ANSWER

ANSWER KEY

Place Value Trades

GRADE 2 · NY-2.NBT.7.b

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Noah has 235 stickers. His friend gives him 142 more stickers. How many stickers does Noah have now?	**377 stickers**
2	A bin has 463 toy blocks. Children take 121 toy blocks out of the bin. How many toy blocks are still in the bin?	**342 toy blocks**
3	Lena has 278 beads. She gets 156 more beads for a bracelet. How many beads does she have now?	**434 beads**
4	A party has 604 balloons. Then 182 balloons are used. How many balloons are left?	**422 balloons**
5	A collector has 350 cards. She gets 275 more cards. How many cards does she have now?	**625 cards**

PART 2 · APPLY IT

1. **248 bookmarks** Subtract 237 from 485. Regroup one ten to subtract the ones, then subtract each place.
2. **425 cans** Add 167 and 258. Regroup the ones and then add the tens and hundreds.

CHALLENGE

344 cards. Trade 1 hundred for 10 tens, then trade 1 ten for 10 ones.

Accept correct sums or differences with the matching unit. For the challenge, accept any clear regrouping work that shows trading from hundreds to tens and tens to ones.