

Place Value Moves

Add and subtract with hundreds, tens, and ones.

GRADE 2 • NY-2.NBT.7.a

NY-2.NBT.7.a "Add and subtract within 1000, using concrete models or drawings, and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction. Relate the strategy to a written representation."

NAME _____

DATE _____

USE PLACE VALUE

When you add or subtract, break each number into hundreds, tens, and ones. Trade 1 hundred for 10 tens, or 1 ten for 10 ones when you need to regroup. Write the parts you changed.

WORKED EXAMPLE

Mia has 236 beads. She gets 300 more. How many beads does she have?



1. Break 236 into $200 + 30 + 6$.
2. Add the hundreds: $200 + 300 = 500$.
3. Put the parts together: $500 + 30 + 6 = 536$.

Answer: 536 beads

PRACTICE 4 problems

- 1** A toy bin has 458 blocks. Put 120 more blocks in the bin. How many blocks are there?

ANSWER _____

- 2** A pet store has 672 fish. It sells 210 fish. How many fish are left?

ANSWER _____

- 3** Sam has 345 game cards. He gets 234 more cards. How many cards does he have?

ANSWER _____

- 4** A sticker shop has 801 stickers. It sells 356 stickers. How many stickers are left?

ANSWER _____

APPLY IT Show your work

- 1** The animal shelter has 438 dog treats. It gets 125 more treats. How many treats does it have now?

Dog treats

438

125

? treats

ANSWER _____

- 2** Noah saved 700 points in a video game. He used 248 points for a new character. How many points are left?

WORK SPACE

ANSWER _____

CHALLENGE One step up

A robot needs 900 bolts. It has 674 bolts. How many more bolts does it need? Show how you broke apart the difference.

WORK SPACE AND ANSWER

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	A toy bin has 458 blocks. Put 120 more blocks in the bin. How many blocks are there?	578 blocks
2	A pet store has 672 fish. It sells 210 fish. How many fish are left?	462 fish
3	Sam has 345 game cards. He gets 234 more cards. How many cards does he have?	579 cards
4	A sticker shop has 801 stickers. It sells 356 stickers. How many stickers are left?	445 stickers

PART 2 • APPLY IT

1. **563 treats** Add 438 and 125. $438 + 125 = 563$.
2. **452 points** Subtract 248 from 700. $700 - 248 = 452$.

CHALLENGE

226 bolts; $674 + 200 = 874$, and $874 + 26 = 900$.

Accept correct place-value strategies, including breaking apart numbers, counting on, or regrouping. For the challenge, accept any clear work that shows 226.