LESSON MAKER PRO

Place Value Power

Use hundreds, tens, and ones to add and subtract.

GRADE 2 · 2.NR.2

2.NR.2 "Apply multiple part-whole strategies, properties of operations and place value understanding to solve real-life, mathematical problems involving addition and subtraction within 1,000."

NAME _____ DATE _____

BREAK APART NUMBERS

Break each number into hundreds, tens, and ones. Add or subtract each place value, and trade 1 hundred for 10 tens or 1 ten for 10 ones when you need to.

WORKED EXAMPLE

A bin has 326 red blocks and 147 blue blocks. How many blocks are in the bin?

1. 326 = 300 + 20 + 6.
2. 147 = 100 + 40 + 7.
3. Add the ones: 6 + 7 = 13.
4. Add the parts: 400 + 60 + 13 = 473.

Answer: 473 blocks

PRACTICE 5 problems

1 Lena has 245 toy cars. She gets 132 more toy cars. How many toy cars does she have now?

ANSWER _____

2 A sticker book has 563 stickers. Sam gives away 241 stickers. How many stickers are left?

ANSWER _____

3 An aquarium has 408 fish. Then 175 more fish are added. How many fish are in the aquarium?

ANSWER _____

4 A shelf holds 700 books. Students borrow 356 books. How many books are left on the shelf?

ANSWER _____

5 A jar has 624 buttons. Ava uses 118 buttons. How many buttons are left?

ANSWER _____

APPLY IT Show your work

1 The game club has 425 trading cards. The club gives 168 cards to new members. How many trading cards does the club have left?

WORK SPACE

ANSWER _____

2 Noah has 284 beads. His friend gives him 309 more beads. How many beads does Noah have now?

WORK SPACE

ANSWER _____

CHALLENGE One step up

A toy shop has 650 kites. It sells 278 kites. Kai says 650 - 278 = 382. Is Kai correct? Explain your reasoning.

WORK SPACE AND ANSWER

ANSWER KEY

Place Value Power

GRADE 2 · 2.NR.2

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Lena has 245 toy cars. She gets 132 more toy cars. How many toy cars does she have now?	**377 toy cars**
2	A sticker book has 563 stickers. Sam gives away 241 stickers. How many stickers are left?	**322 stickers**
3	An aquarium has 408 fish. Then 175 more fish are added. How many fish are in the aquarium?	**583 fish**
4	A shelf holds 700 books. Students borrow 356 books. How many books are left on the shelf?	**344 books**
5	A jar has 624 buttons. Ava uses 118 buttons. How many buttons are left?	**506 buttons**

PART 2 · APPLY IT

1. **257 trading cards** Subtract 168 from 425. The club has 257 trading cards left.
2. **593 beads** Add 284 and 309. Noah has 593 beads.

CHALLENGE

No. 650 - 278 = 372, so 382 is not correct.

Accept correct answers shown with or without the object name. For the challenge, accept any explanation that shows the difference is 372, such as subtracting hundreds, tens, and ones or checking that 278 + 372 = 650.