LESSON MAKER PRO

Place Value Power

Add and subtract numbers within 1,000.

GRADE 3 · 3.NBT.A.11

3.NBT.A.11 "Use various strategies to add and subtract fluently within 1000."

NAME _____ DATE _____

WORK BY PLACE

Break numbers into hundreds, tens, and ones. When you add, combine the parts and trade groups of 10. When you subtract, trade from a larger place if you need more in a place.

WORKED EXAMPLE

346 + 278 = ____

1. Hundreds: 300 + 200 = 500.
2. Tens: 40 + 70 = 110.
3. Ones: 6 + 8 = 14.
4. Combine: 500 + 110 + 14 = 624.

Answer: 624

PRACTICE 6 problems

1 428 + 157 = ___

ANSWER _____

2 673 - 248 = ___

ANSWER _____

3 296 + 385 = ___

ANSWER _____

4 802 - 376 = ___

ANSWER _____

5 509 + 284 = ___

ANSWER _____

6 950 - 465 = ___

ANSWER _____

APPLY IT Show your work

1 The school library had 436 graphic novels. A book drive donated 187 more. How many graphic novels does the library have now?

WORK SPACE

ANSWER _____

2 A game booth had 725 prize tickets. It gave out 368 tickets. How many prize tickets were left?

WORK SPACE

ANSWER _____

CHALLENGE One step up

A club collected 264 cans on Monday and 379 cans on Tuesday. The club used 416 cans for a project. How many cans were left? Write two number sentences to show your steps.

WORK SPACE AND ANSWER

ANSWER KEY

Place Value Power

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PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	428 + 157 = ___	**585**
2	673 - 248 = ___	**425**
3	296 + 385 = ___	**681**
4	802 - 376 = ___	**426**
5	509 + 284 = ___	**793**
6	950 - 465 = ___	**485**

PART 2 · APPLY IT

1. **623 graphic novels** Add 436 + 187 = 623.
2. **357 prize tickets** Subtract 725 - 368 = 357.

CHALLENGE

264 + 379 = 643; 643 - 416 = 227. There were 227 cans left.

Accept any accurate place-value strategy or written method. For the challenge, the two number sentences should show the total collected and the amount left.