LESSON MAKER PRO

Regrouping Power

Add and subtract three-digit numbers with care.

GRADE 3 · 3.CE.1.c

3.CE.1.c "Apply strategies (e.g., place value, properties of addition, other number relationships) and algorithms, including the standard algorithm..."

NAME _____ DATE _____

LINE UP PLACE VALUES

Line up digits by place value before you add or subtract. When a column makes 10 or more, regroup to the next place. When you cannot subtract a digit, trade 1 from the place to its left for 10 in the current place.

WORKED EXAMPLE

476 + 358

1. Ones: 6 + 8 = 14. Write 4 ones and regroup 1 ten.
2. Tens: 7 + 5 + 1 = 13. Write 3 tens and regroup 1 hundred.
3. Hundreds: 4 + 3 + 1 = 8.

Answer: 834

PRACTICE 6 problems

1 264 + 519 = ___

ANSWER _____

2 703 - 268 = ___

ANSWER _____

3 487 + 146 = ___

ANSWER _____

4 900 - 457 = ___

ANSWER _____

5 638 + 279 = ___

ANSWER _____

6 812 - 376 = ___

ANSWER _____

APPLY IT Show your work

1 Maya has 642 game cards. She gives 185 cards to her cousin. How many game cards does Maya have now?

WORK SPACE

ANSWER _____

2 A robotics club built 278 small robots on Monday and 369 small robots on Tuesday. How many small robots did the club build altogether?

WORK SPACE

ANSWER _____

CHALLENGE One step up

The art club has 905 beads. Students use 278 beads for one project and 146 beads for another project. How many beads are left?

WORK SPACE AND ANSWER

ANSWER KEY

Regrouping Power

GRADE 3 · 3.CE.1.c

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	264 + 519 = ___	**783**
2	703 - 268 = ___	**435**
3	487 + 146 = ___	**633**
4	900 - 457 = ___	**443**
5	638 + 279 = ___	**917**
6	812 - 376 = ___	**436**

PART 2 · APPLY IT

1. **457 game cards** Subtract the cards Maya gave away from the cards she had: 642 - 185 = 457.
2. **647 small robots** Add the robots built on both days: 278 + 369 = 647.

CHALLENGE

481 beads

Accept correct work shown with the standard algorithm or another valid place-value strategy. For word problems and the challenge, accept the correct number with or without the unit if the computation is correct.