LESSON MAKER PRO

Regrouping Power

Add and subtract three-digit numbers with care.

GRADE 3 · 3.NBT.A.2

CCSS.Math.Content.3.NBT.A.2 "Fluently add and subtract within 1000 using strategies and algorithms based on place value, properties of operations, and/or the relationship between addition and subtraction."

NAME _____ DATE _____

LINE UP PLACE VALUES

Write numbers so the hundreds, tens, and ones are lined up.
When a place has 10 or more, regroup to the next place.
When you cannot subtract, trade 1 from the place to the left.

WORKED EXAMPLE

476 + 258

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 + 2 + 1 = 7.
4. Read the sum as 734.

Answer: 734

PRACTICE 6 problems

1 348 + 275 =

ANSWER _____

2 156 + 629 =

ANSWER _____

3 902 - 467 =

ANSWER _____

4 700 - 284 =

ANSWER _____

5 489 + 311 =

ANSWER _____

6 650 - 178 =

ANSWER _____

APPLY IT Show your work

1 At a school book fair, Mia bought 365 stickers on Friday and 247 stickers on Saturday. How many stickers did she buy altogether?

WORK SPACE

ANSWER _____

2 A game store had 814 trading cards. It sold 356 cards. How many trading cards were left?

WORK SPACE

ANSWER _____

CHALLENGE One step up

Find x: 684 - x = 297. Explain how addition can help you find x.

WORK SPACE AND ANSWER

ANSWER KEY

Regrouping Power

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PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	348 + 275 =	**623**
2	156 + 629 =	**785**
3	902 - 467 =	**435**
4	700 - 284 =	**416**
5	489 + 311 =	**800**
6	650 - 178 =	**472**

PART 2 · APPLY IT

1. **612 stickers** Add 365 and 247. The total is 612 stickers.
2. **458 trading cards** Subtract 356 from 814. There were 458 trading cards left.

CHALLENGE

x = 387. Add 297 + 387 = 684, so 387 is the number subtracted.

Accept correct answers shown with standard regrouping, expanded form, or a number line strategy. For the challenge, accept an explanation that uses the related addition equation 297 + x = 684.