

Grade 3 • Unit 3 Worksheet

Wrapping Up Addition and Subtraction within 1,000

Name: _____

Date: _____

Part A • Mental Math

Try in your head. Only write work if you need to.

$350 + 250 =$ _____	$600 - 100 =$ _____	$470 + 30 =$ _____	$905 - 5 =$ _____
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Part B • Show Your Thinking

1. Find $348 + 276$ in TWO different ways. At least one way should use place value (expanded form).

Way 1.

Way 2.

Answer: _____

2. Find $612 - 348$. Show your work clearly.

Show work:

Did you need to decompose a ten? ☐ Yes ☐ No. A hundred? ☐ Yes ☐ No.

Answer: _____

$$400 + 300 = 700 \quad 20 + 80 = 100 \quad 5 + 7 = 12 \quad 700 + 100 + 12 = 812$$

3. Lin used this algorithm for $425 + 387$. Read it carefully.

Explain what Lin is doing in each step.

Now use Lin's way to find $256 + 168$. Show your work.

Answer: _____

Part C • Rounding

4. Round each number to the nearest TEN and nearest HUNDRED.

a. 168: nearest ten: _____ nearest hundred: _____

b. 245: nearest ten: _____ nearest hundred: _____

c. 650: nearest ten: _____ nearest hundred: _____

5. A number rounds to 400 when rounded to the nearest hundred. What is the SMALLEST whole number it could be? What is the LARGEST? Explain.

Part D • Two-Step Story Problems

6. A library has 524 books. Students borrowed 187 books on Monday and returned 94 on Tuesday. How many books are in the library now?

Estimate first (round to the nearest hundred): _____

Show your work:

Exact answer: _____ books

Is your answer reasonable? How do you know?

7. Maya read 138 pages on Saturday. On Sunday, she read 56 fewer pages than Saturday. How many pages did Maya read on the weekend in all?

Show your work (try a tape diagram!):

Answer: _____ pages

Part E • Thinking Deeply

8. Han solved $503 - 247$ like this: 5 hundreds - 2 hundreds = 3 hundreds 0 tens - 4 tens = ... "can't do, so I'll do $4 - 0 = 4$ tens" 3 ones - 7 ones = ... " $7 - 3 = 4$ ones" Answer: 344

Is Han correct? ☐ Yes ☐ No

If not, what is the mistake?

Correct answer: _____

9. For $802 - 597$, would you use a standard algorithm OR a 'count up from 597' strategy? Pick one and explain why, then solve.

Answer: _____

10. Write a two-step story problem that uses the numbers 235, 148, and 79. Then solve it.

Your problem:

Show your work:

Answer: _____