Name _____   Date _____

1. Use the standard algorithm to solve the following subtraction problems.

a.   2 , 4 3 1
    −   3 4 1

b.   4 2 2 , 4 3 1
    −   1 4 , 3 2 1

c.   4 2 2 , 4 3 1
    −   9 2 , 4 2 0

d.   4 2 2 , 4 3 1
    −   3 9 2 , 4 2 0

e.   9 8 2 , 4 3 0
    −   9 2 , 3 0 0

f.   2 4 3 , 0 8 9
    −   1 3 7 , 0 7 9

g.   2,431 − 920 =

h .   892,431 − 520,800 =

2. What number must be added to 14,056 to result in a sum of 38,773?

Lesson 13:   Use place value understanding to decompose to smaller units once using the standard subtraction algorithm, and apply the algorithm to solve word problems using tape diagrams.

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Draw a tape diagram to model each problem. Use numbers to solve, and write your answers as a statement. Check your answers.

3. An elementary school collected 1,705 bottles for a recycling program. A high school also collected some bottles. Both schools collected 3,627 bottles combined. How many bottles did the high school collect?

4. A computer shop sold $356,291 worth of computers and accessories. It sold $43,720 worth of accessories. How much did the computer shop sell in computers?

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5. The population of a city is 538,381. In that population, 148,170 are children.
    a.   How many adults live in the city?

    b.   186,101 of the adults are males. How many adults are female?

Lesson 13:   Use place value understanding to decompose to smaller units once
                using the standard subtraction algorithm, and apply the algorithm to
                solve word problems using tape diagrams.

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