Part 3 Writing Numbers

For each of the following numbers, write two other numbers: one that is a little smaller and one that is a little larger. Use a number line to help you.

	A Little Smaller	A Little Larger
A. one million	_____	_____
B. one-half million	_____	_____
C. ten million	_____	_____
D. 1,300,000	_____	_____
E. 999,999	_____	_____
F. five thousand	_____	_____

Part 4 The Shortcut

Decide if the following are divisible without actually dividing. Tell how you know.

A. Is 5367 divisible by 2?

B. Is 546,890 divisible by 10?

C. Is 11,952 divisible by 6, 3, and 2?

D. Is 74,981 divisible by 9?

E. Is 431,895 divisible by 5 and 10?

F. Give a three-digit number that is divisible by 9.

G. Give a four-digit number that is divisible by 5.

H. Which answers cannot possibly be the answer for 326 x 3? Fill in the circle by your answers. You can use the divisibility rules to explain your thinking.

◯ 878 ◯ 978 ◯ 958 ◯ 998

Part 5 Addition and Subtraction Practice

Use paper and pencil or mental math only. Estimate to see if your answers are reasonable. Use the *Addition* and *Subtraction Strategies Menus* in the *Student Guide* Reference section.

A. 92
  $+ 65$

B. 340
  $- 235$

C. 58
  $- 49$

D. 5001
  $- \ 999$

E. 1490
  $+ \ \ 453$

F. 289
  $+ \ \ 39$

G. Ana solved 818 – 293 for homework. Here is her work and her estimate to check for reasonableness. She said, "Now I have finished my work."

818
$- \ 293$
685

800
$- \ 300$
500

What would you tell Ana? Is she finished?

Part 6 More Multiples of 10 and 100

Do the following problems in your head. Write only the answers.

A. $7 \times 80 =$ _____

B. $70 \times 60 =$ _____

C. $60 \times 400 =$ _____

D. $600 \times 800 =$ _____

E. $40 \times 60 =$ _____

F. $70 \times 800 =$ _____

G. $40 \times 700 =$ _____

H. $40 \times 800 =$ _____

I. $8 \times 40 =$ _____

Part 7 Multiplication Methods

Solve these problems using the rectangle method, all-partials, or expanded form. Use the *Multidigit Multiplication Strategies Menu* in the Reference section of the *Student Guide*.

A. 58 x 26

B. 72 x 44

C. 93 x 65

D. 35 x 38