Extra Practice 1

Lesson 1: Numbers to 100 000

1. Which of these statements is true?

 a) 5 hundreds is equal to 50 tens

 b) 6 ten thousands is equal to 60 hundreds

2. a) How many tens are in 5000?

 b) How many hundreds are in 5000?

 c) How many thousands are in 5000?

3. Suppose there are 10 trading cards in each package?

 a) How many packages would you need to package 800 cards?

 b) How many packages would you need to package 8000 cards?

4. Use only the digits 1, 2, 3 to write two 5-digit numbers that are less

 than 13 132.

 Extra Practice 2

Lesson 2 : Exploring One Million

1. Complete each equation.

 a) 1 000 000 = \_\_\_\_\_\_ thousands

 b) 1 000 000 = \_\_\_\_\_\_ hundreds

 c) 1 000 000 = \_\_\_\_\_\_ tens

2. Complete each number sentence.

 a) 1 000 000 = 999 990 + \_\_\_\_

 b) 100 000 + \_\_\_\_\_\_\_\_\_ = 1 000 000

 c) 1 000 000 – \_\_\_\_\_\_\_\_ = 500 000

3. How many $100 bills would it take to make $1 million?

4. A charity collected 10 000 ten dollar bills. How much did they collect?

Extra Practice 3

Lesson 3: Representing Numbers

1. Write each number in words and then in expanded form.

 a) 45 001 b) 34 695 c) 509 450 d) 235 981

2. Write the value of the underlined digit in each number.

 a) 10 987 b) 345 987 c) 545 820 d) 67 329

3. Write each number in standard form.

 a) 30 000 + 500 + 80 + 4

 b) 200 000 + 40 000 + 70

 c) 800 000 + 20 000 + 5000 + 400 + 1

 d) 500 000 + 3000 + 700

4. Write the numbers in each fact in as many ways as you can.

 a) In 1999 the population of Nova Scotia was about 939 000.

 b) In 2003, more than 20 000 residents of Kelowna had to evacuate their homes because of wildfires. That year, there were more than

825 wildfires in B.C.

Extra Practice 4

Lesson 4: Estimating Sums

1. Estimate each sum.

 a) 2999 + 3999

 b) 4595 + 562

 c) 5824 + 2035

 d) 4070 + 1050

2. Use these numbers: 3500, 5755, 4050, 6858, 1080

 Estimate to find which 2 numbers have the sum closest to

 a) 5000

 b) 10 000

3. Jonah has collected 5586 hockey cards.

His brother Sam has collected 4653 hockey cards.

Together, do they have more than 10 000 cards?

 Explain why estimating is a reasonable strategy.

 Extra Practice 5

Lesson 5: Using Benchmarks to Estimate

1. Round each number to the nearest thousand, the nearest hundred, and the nearest ten.

 a) 3479

 b) 8762

 c) 4299

2. Find two different 5-digit numbers that have an estimate of 20 000 to the closest thousand and to the closest ten thousand.

 Show your work.