

Master 2.26**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) $1\ 000\ 000 = \underline{\hspace{2cm}}$ thousands

b) $1\ 000\ 000 = \underline{\hspace{2cm}}$ hundreds

c) $1\ 000\ 000 = \underline{\hspace{2cm}}$ tens

2. Complete each number sentence.

a) $1\ 000\ 000 = 999\ 990 + \underline{\hspace{2cm}}$

b) $100\ 000 + \underline{\hspace{2cm}} = 1\ 000\ 000$

c) $1\ 000\ 000 - \underline{\hspace{2cm}} = 500\ 000$

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.

Extra Practice 6**Lesson 6: Estimating Differences**

1. Estimate each difference.

a) $4568 - 3468$

b) $8945 - 585$

c) $4500 - 2850$

d) $9000 - 2999$

2. Glenview Public School collected \$5468 at their school fundraiser.

Fairmeadow Public School collected \$7580 at their school fundraiser.

About how much more did Glenview school collect?

3. Two 4-digit numbers have a difference of about 5300.

What might the numbers be? How do you know?

Lesson 7: Using Estimation to Check Answers

1. Add or subtract. How do you know your answers are reasonable?

a) $35\,879 + 9122$

b) $4567 - 498$

c) $10\,500 + 59035$

d) $82\,050 - 45\,000$

2. 25 680 people attended the first hockey game.

37 680 attended the first soccer game.

How many people saw either the soccer game or hockey game?

How many more saw the soccer game?

How do you know your answers are reasonable?

Master 2.33**Extra Practice Sample Answers****Extra Practice 1 – Master 2.26****Lesson 1**

1. a) 5 hundreds is equal to 50 tens
2. a) 500 b) 50 c) 5
3. a) 80 b) 800
4. For example: 12 123 and 12 321

Extra Practice 2 – Master 2.27**Lesson 2**

1. a) 1000 b) 10 000 c) 100 000
2. a) 10 b) 900 000 c) 500 000
3. 10 000
4. \$100 000

Extra Practice 3 – Master 2.28**Lesson 3**

1. a) forty-five thousand one,
40 000 + 5000 + 1
b) thirty-four thousand six hundred ninety-five,
30 000 + 4000 + 600 + 90 + 1
c) five hundred nine thousand four hundred fifty,
500 000 + 9000 + 400 + 50
d) two hundred thirty-five thousand nine
hundred eighty-one,
200 000 + 30 000 + 5000 + 900 + 80 + 1
2. a) 900 b) 40 000 c) 500 000 d) 20
3. a) 30 584 b) 240 070 c) 825 401
d) 503 700
4. a) one thousand nine hundred ninety-nine,
1000 + 900 + 90 + 9
nine hundred thirty-nine thousand
939 000
b) two thousand three, 2000 + 3
twenty thousand
eight hundred twenty-five, 800 + 20 + 5

Extra Practice 4 — Master 2.29**Lesson 4**

1. For example:
a) 7000 b) 6000 c) 8000 d) 5000
2. a) 4050 and 1080 b) 3500 and 6858
3. They have more than 10 000 cards. For example: I only need to know if the total is more than 10 000, so I can underestimate each number, then add to check.

Extra Practice 5 – Master 2.30**Lesson 5**

1. a) 3000, 3500, 3480 b) 9000, 8800, 8760
c) 4000, 4300, 4300
2. For example, 20 122, 19 999

Extra Practice 6 – Master 2.31**Lesson 6**

1. For example:
a) 1000 b) 8345 c) 1500 d) 6000
2. \$2000
3. For example: The numbers could be close to 9600 and 4300.
I chose 9615 and 4301.

Extra Practice 7 – Master 2.32**Lesson 7**

1. a) 45 001 b) 4069 c) 69 535 d) 37 050
The estimates were all close.
2. For example: About 64 000 people saw either the soccer game or hockey game.
12 000 more people saw the soccer game.
Estimate to check that the answers are close to the estimates.