TABLE OF CONTENTS

Number Sense & Numeration

1 2 3 4
5 6 7 8
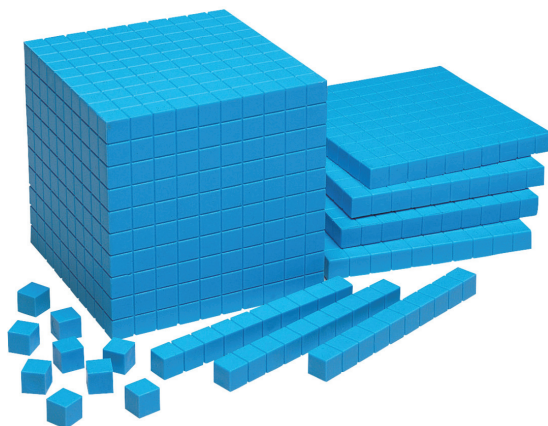9 10
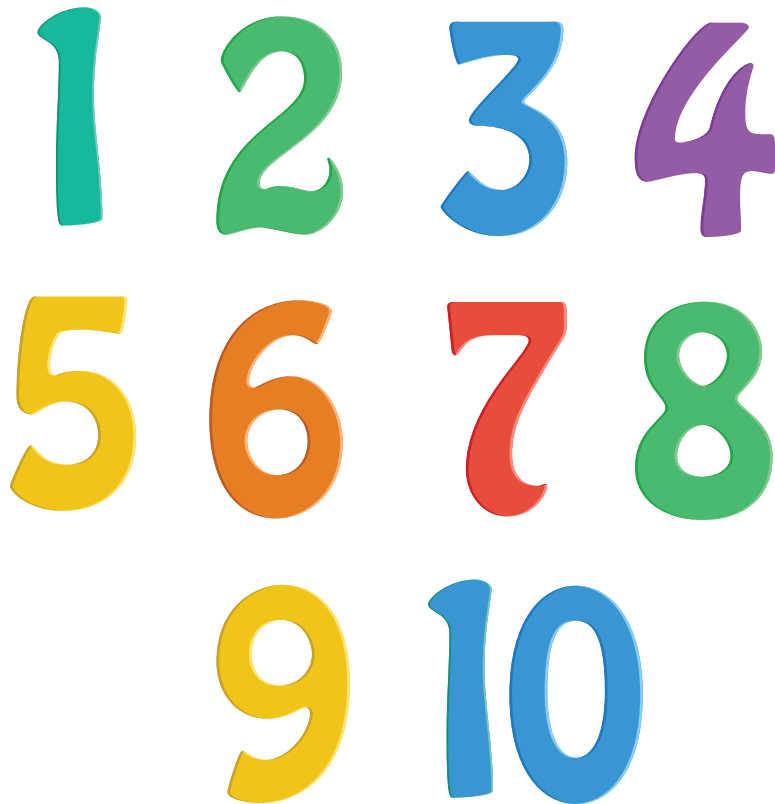
Assessments for:

Place Value

Multiplication & Division

Fractions & Decimals

Addition & Subtraction (quiz)

Money

Grade 4 – Place Value

Name: _____

	Level 1	Level 2	Level 3	Level 4
Part A Understanding	Demonstrates a limited understanding of concepts – major errors.	Demonstrates some understanding of concepts – several errors.	Demonstrates an understanding of concepts – few errors.	Demonstrates a thorough understanding of concepts – no errors.
Part B Problem Solving	Demonstrates limited problem solving skills – major errors.	Demonstrates some problem solving skills but has several errors.	Demonstrates problem solving skills – few errors / some information missing.	Demonstrates effective problem solving skills – no errors.
Part C Communication	Student has difficulty explaining mathematical thinking.	Student, with some difficulty, can describe their mathematical thinking. Some information may be missing or unclear.	Student can describe their mathematical thinking. Some information may be missing or unclear.	Student effectively describes his / her mathematical thinking.
Part D Application	Student applies limited knowledge and skills learned – major errors.	Student applies some knowledge and skills learned – several errors.	Student applies knowledge and skills learned – few errors.	Student effectively applies knowledge and skills learned – no errors.

Name: _____

Part A – Understanding

1. Write each number in **standard form**.

   a)

   _____
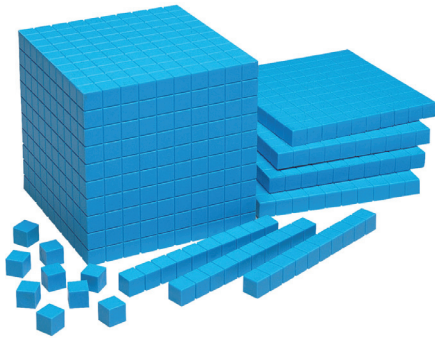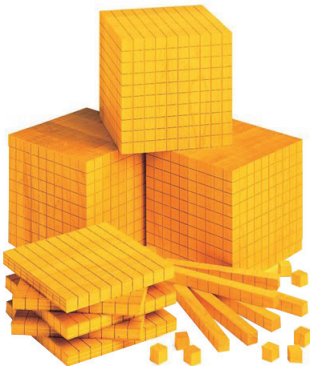
   b) four thousand seventy _____

   c) 5000 + 600 + 40 + 3 _____

   d) six thousand five hundred three _____

   e)

   _____

   f) 7000 + 200 + 5 _____

   g) two thousand six hundred thirteen _____

2. Write each number in **expanded form.**
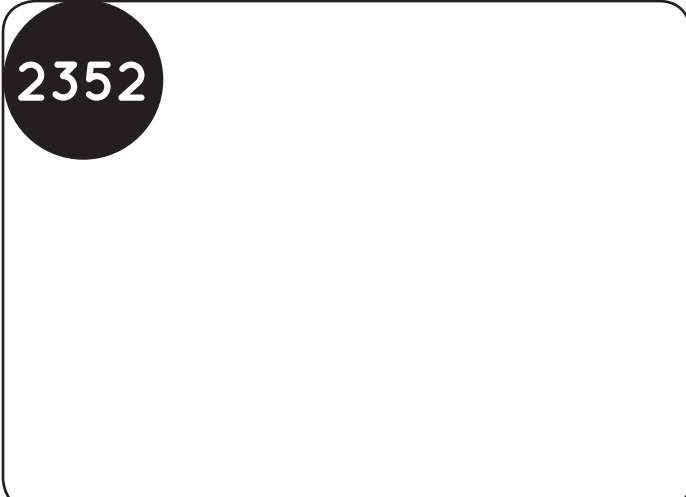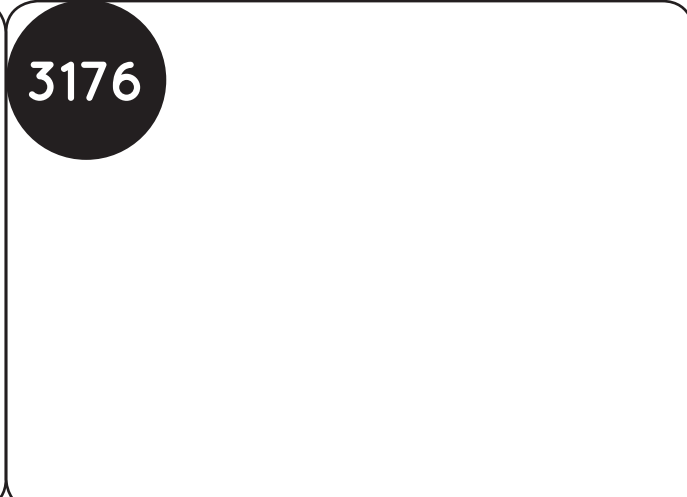
   a) 7245 _____

   b) 2302 _____

   c) 4097 _____

3. Write each number in **words**.

a) 3405 _____

b) 5045 _____

c) 7032 _____

4. Draw a **base ten picture** for each number.

2352	3176

5. Round each number to the nearest **thousand**.

a) 1489 _____   b) 6973 _____   c) 4215 _____

6. Round each number to the nearest **hundred.**

a) 5867 _____   b) 6098 _____   c) 8314 _____

7. Round each number to the nearest **ten.**

a) 2302 _____   b) 6281 _____   c) 5389 _____

8. Write < > or = on each blank.

a) 582 _____ 589   b) 3576 _____ 3476   c) 5745 _____ 5754

9. Write as a **decimal.**

a) one and nine-tenths _____
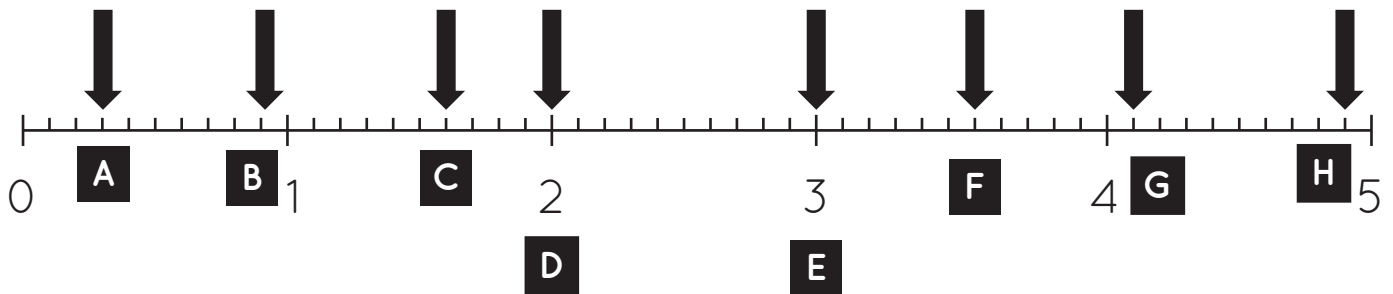
b) four and three-tenths _____

10. Write in **words**.

a) 8.9 _____

b) 2.6 _____

11. Write the decimal number to match each letter below.

A _____   B _____   C _____

D _____   E _____   F _____

G _____   H _____

Part B – Problem Solving

1. Ethan and Emma collect hockey cards. Ethan has 4325 hockey cards. Emma has 4235. Who has more hockey cards? How do you know?

2. You may only use the digits below to answer each question.

5   7   2   9

a) write the largest 4-digit number you can make:

_____

b) write the smallest 4-digit number you can make:

_____

c) write a 4-digit number with a 7 in the tens place:

_____

d) write a 4-digit number with a 5 in the hundreds place:

_____

e) write a 4-digit number that would round to 2600 when rounded to the nearest hundred: _____

f) write a 4-digit number that would round to 9280 when rounded to the nearest ten: _____

g) write a 4-digit number that would round to 3000 when rounded to the nearest thousand: _____

3. Write three numbers that round to 3000 when rounded to the nearest thousand.

4. Write three numbers that round to 2500 when rounded to the nearest hundred.

5. Write three numbers that round to 2360 when rounded to the nearest ten.

Part C – Communication

1. Write the numbers below in order from **least to greatest**. Explain how you did it.
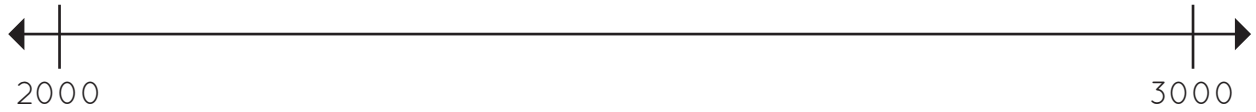
7656,   7665,   6756

2. Write the numbers below in order from **greatest to least**. Explain how you did it.

5865,   895,   5685

3. Becky says that since 9 > 2, then 987 > 2134. Is she correct? Use words, pictures, or numbers to explain.

4. Show where the number 2499 would be on the number line below. Explain how you know. You can show your work on the number line as well.

```
◄——|——————————————————————————————————————|——►
  2000                                    3000
```

Part D – Application

1. Make up three 4-digit numbers. Order the numbers from greatest to least.

2. Use the digits **2, 6, 7, 8**. Write all the 4-digit numbers greater than 6000 and less than 7000. Order the numbers from least to greatest. Show your work.

3. Fill in each blank with a number to make each statement true.

a) 5762 < 5__76

b) 7998 > __998

c) 6__05 < 6604

d) 4567 > __567

e) 3__76 > 3476

f) 4.3 < 4.__

g) __.8 < 3.4

h) 6.7 > __.7

4. Represent the number below in as many different ways as you can. (pictures, numbers, AND words)

1364