Name: _____ Date: _____

Chapter 1
Place Value
HW 1.1

Place Value Through Hundred Thousands

Practice to review…I can read and write numbers through 999,999!

I can read and write numbers in more than one way.	
_____ form 920,082	_____ form $900{,}000 + 20{,}000 + 80 + 2$ $(9 \times 100{,}000) + (2 \times 10{,}000) + (8 \times 10) + (2 \times 1)$
_____ form 920 thousand, 82	_____ form nine hundred twenty thousand, eighty-two

Practice to remember…

1. Write the number in **standard form**: 83 thousand, 903

_____

2. Write the number in **standard form**: $(9 \times 10{,}000) + (8 \times 1{,}000) + (3 \times 100) + (4 \times 10)$

_____

3. Write the number in **expanded form**: four hundred eighty-nine thousand, three hundred forty-one

_____

_____

4. Write the number in **short word form**: $(5 \times 100{,}000) + (3 \times 1{,}000) + (7 \times 10)$

_____

5. Write the number in **word form**: 48 thousand, 16

_____

_____

6. Write the number in **expanded form**: three hundred twenty thousand, five hundred two

_____

_____

Name: _____ Date: _____

Remembering

Practice for fluency…

7. Which set is in order from least to greatest?

   a. 560,824 560,428 560,482

   b. 560,824 560,482 560,428

   c. 560,428 560,482 560,824

   d. 560,482 560,824 560,428

8. Which set is in order from greatest to least?

   a. 4,791,590 4,792,005 4,792,019

   b. 4,792,019 4,792,005 4,791,590

   c. 4,792,005 4,791,590 4,792,019

   d. 4,791,590 4,792,019 4,792,005

Find the missing number in each pattern.

9. 208 308 _____ 508 608

10. 1,270 1,280 1,290 _____

11. 854 844 834 824 _____

12. 12,212 12,211 12,210 _____

Answer each question. Use pictures, numbers, or words to show how you know.

13. Keisha remembers the four digits of her friend Jill's address. They are 4, 6, 8, and 1. The number in the tens place is odd. The value of the 6 is 6,000. The 4 is in a greater place than the 1. What is Jill's address?

14. Tom has 1 twenty-dollar bill, 1 ten-dollar bill, 3 five-dollar bills, 3 one-dollar bills, 3 quarters, 12 dimes, and 9 nickels. Does he have enough money to buy a $50.00 radio? How much does Tom have?

Name: _____ Date: _____

Chapter 1
Place Value
HW 1.3A

Place Value Through Hundred Billions

Practice to review…I can read and write numbers through 999,999,999,999!

I can write the number in the place value chart in more than one way.

Standard Form:

Short Word Form:

billions				millions				thousands				ones		
h	t	o	,	h	t	o	,	h	t	o	,	h	t	o
		8	,	0	7	0	,	3	0	0	,	0	0	9

Word Form:

Expanded Form:

Practice to remember…

1. Write the number in **standard form**: 873 million, 485 thousand, 309

_____

2. Write the number in **standard form**:
$(4 \times 1{,}000{,}000{,}000) + (4 \times 10{,}000{,}000) + (5 \times 1{,}000{,}000) + (6 \times 100{,}000) + (1 \times 100) + (9 \times 10)$

_____

3. Write the number in **expanded form**:
four hundred million, forty-two thousand, three hundred thirty-seven

_____

_____

4. Write the number in **short word form**:
$(6 \times 100{,}000{,}000) + (2 \times 1{,}000{,}000) + (1 \times 100{,}000) + (7 \times 10{,}000) + (8 \times 100) + (5 \times 1)$

_____

5. Write the number in **word form**: 1,060, 003,027

_____

_____

Name: _____ Date: _____

Remembering

Practice for fluency…

What is the correct way to write each number in standard form?

6. 549 thousand, 318
   a. five hundred forty-nine, three hundred eighteen
   b. $549{,}000{,}318$
   c. $(5 \times 100{,}000) + (4 \times 10{,}000) + (9 \times 1{,}000) + (3 \times 100) + (1 \times 10) + (8 \times 1)$
   d. $549{,}318$

7. 792 thousand, 20
   a. $792{,}020$
   b. seven hundred ninety-two thousand, twenty
   c. $792{,}200$
   d. $(7 \times 100{,}000) + (9 \times 10{,}000) + (2 \times 1{,}000) + (2 \times 10)$

Complete each statement.

8. There are _____ tens in 100.
9. There are _____ thousands in $100{,}000$.
10. There are _____ hundreds in $10{,}000$.
11. There are _____ hundreds in $100{,}000$.

Answer each question. Use pictures, numbers, or words to show how you know.

12. Write 470 thousand, 709 in three other ways.

13. Write a 9-digit number that has a 3 in the ten millions place, a 5 in the hundred thousands place, and a 2 in the ones place. Is this the only number you could have written? Explain.

Name: _____ Date: _____

Chapter 1
Place Value
HW 1.3B

Place Value Through Hundred Billions

Practice to review…I can read and write numbers through 999,999,999,999!

I can write the number in the place value chart in more than one way.

Standard Form:

Short Word Form:

billions				millions				thousands				ones		
h	t	o	,	h	t	o	,	h	t	o	,	h	t	o
	9	4	,	3	6	0	,	0	0	5	,	0	0	0

Word Form:

Expanded Form:

Practice to remember…

Write each number in **standard form**.

1. 2 million, 167 thousand, 543

2. $(2 \times 10{,}000{,}000{,}000) + (4 \times 100{,}000{,}000) + (8 \times 10{,}000{,}000) + (3 \times 10{,}000) + (1 \times 1{,}000) + (5 \times 1)$

Write each number in **expanded form**.

3. 306 billion, 425 million, 16

4. five hundred billion, two hundred twelve million, forty-six thousand

Write the value of the underlined digit in **short word form**.

5. 4<u>5</u>6,120,781

6. 247,<u>8</u>05,392

7. 1<u>6</u>2,873,105,823

Name: _____ Date: _____

Practice to remember, continued…

8. The value of the digit 5 is 500,000 in which number?

   a. 51,230
   c. 125,670,689
   b. 64,523,012
   d. 523,678,021

9. The worlds' hen population lays almost <u>two billion</u> eggs each day. Write the underlined number in standard form.

   _____

Remembering

Practice for fluency…

What is the correct way to write each number in standard form?

10. 42 billion, 126 million, 3 thousand, 13

    a. 420,126,300,013
    b. 42,126,030,130
    c. 42,126,003,013
    d. 42,126,003,130

11. seven hundred fifteen billion, two hundred four million, one hundred two

    a. 750,204,102
    b. 715,204,000,102
    c. 715,240,000,120
    d. 715,240,102

Write the ***place*** of the underlined digit.

12. 5,<u>2</u>60 _____

13. 63<u>9</u>,572 _____

Write the ***value*** of the underlined digit.

14. 5,<u>2</u>60 _____

15. 63<u>9</u>,572 _____

Use the table to answer the questions.

16. How many cats are in the United States? Write this number in two ways.

17. Which pet populations are greater than ten million?

Pets in the United States

Pet	Number
Cat	77,700,000
Dog	65,000,000
Freshwater Fish	185,000,000
Reptile	9,000,000
Saltwater Fish	7,000,000
Small Animal Pet	16,800,000

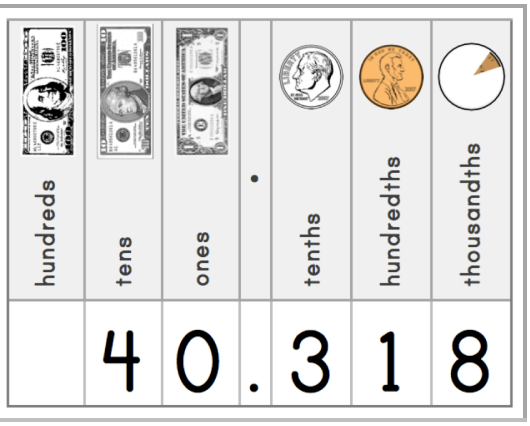
Name: _____ Date: _____

Chapter 1
Place Value
HW 1.5A

Place Value Through Thousandths

Practice to review…I can read and write decimal numbers!

I can write the number in the place value chart in more than one way.
Standard Form:
Expanded Form:
Word Form:



Practice to remember…

Write each number in **standard form**.

1. sixteen hundredths _____
2. seven and six tenths _____
3. fifty-seven thousandths _____
4. 8 tens _____
5. 67 hundreds _____
6. 7 thousands _____
7. 8 tenths _____
8. 67 hundredths _____
9. 7 thousandths _____

Write each number in **expanded form**.

10. 23.6 _____
11. 0.42 _____
12. 515.42 _____

Write each number in **word form**.

13. 9.3 _____
14. 10.01 _____
15. 0.092 _____

Name: _____ Date: _____

Remembering

Practice for fluency…

16. Which is the standard form of the number thirty-four million, six hundred fourteen thousand, two hundred five?

a. 34,600,014,205

b. 34,614,205

c. 34,614,250

d. 3,461,425

17. Four gymnastics competitors have scores of 9.73, 9.89, 9.8, and 9.79. What is the order of the scores from least to greatest?

a. 9.73 9.79 9.8 9.89

b. 9.73 9.79 9.89 9.8

c. 9.89 9.8 9.79 9.73

d. 9.79 9.8 9.89 9.73

Write the ***value*** of each underlined digit in short word form.

18. 1,<u>8</u>22 _____

19. <u>2</u>5,946 _____

20. <u>7</u>,603 _____

21. 5<u>3</u>7,460 _____

Answer the questions. Show your thinking.

22. Nora is playing a game with number cards. She picks 7 cards: 4, 5, 0, 3, 8, 0, and 6. What is the greatest number she can make, if she uses each card only once? Show how you know.

23. Jessie has a book of 50 stamps. How many books of stamps would she need to have 5,000,000 stamps? Explain.

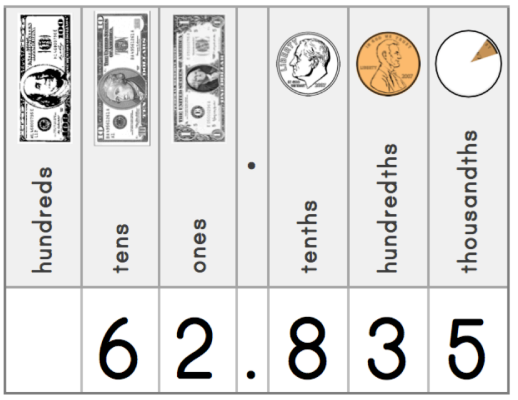
Name: _____ Date: _____

Chapter 1
Place Value
HW 1.5B

Place Value Through Thousandths

Practice to review…I can read and write decimal numbers!

I can write the number in the place value chart in more than one way.
Standard Form:
Expanded Form:
Word Form:



Practice to remember…

Write each number in **standard form**.

1. twelve and fifty-four hundredths

2. six and sixteen thousandths

3. twenty and five hundredths

Write each number in **expanded form**.

4. 1.062

5. 2.112

6. 9.3

Write each number in **word form**.

7. 8.002

8. 0.42

9. 100.005

Write the value of the underlined digit in **word form**.

10. 8.14<u>7</u>

11. <u>5</u>15.42

12. 0.0<u>9</u>2

Name: _____ Date: _____

Practice to remember, continued…

13. A laser measured Karen's height as forty-nine and seventeen thousandths inches. Write Karen's height in **standard form**.

Remembering

Practice for fluency…

How is the number written in standard form?

14. seventy-five thousandths

    a. 0.075

    b. 0.750

    c. 75,000

    d. 75.000

15. twelve and eleven hundredths

    a. 121,100

    b. 0.1211

    c. 12.11

    d. 12.011

Order the numbers from least to greatest.

16. 2,380 23,809 3,210

    _____

17. 2,309,001 2,309,000 2,009,001

    _____

Order the numbers from greatest to least.

18. 21,387,291 22,392,275 20,407,976

    _____

19. 745,764,125 87,990,999 75,764,125

    _____

Answer the questions. Show your thinking.

20. Use the digits 2, 5, 8, 4, 9, and 6 once each to form the greatest number you can.

21. Use the digits 2, 5, 8, 4, 9, and 6 once each to form the smallest number you can.

Name: _____ Date: _____

Chapter 1
Place Value
HW 1.4A

Compare and Order Whole Numbers

Practice to review…I can use place value to compare numbers!

I can think about place value and expanded notation to compare numbers and put them in order.

84,298 = 80,000 + 4,000 + _____ + _____ + _____

83,199 = 80,000 + _____ + _____ + _____ + _____

85,365 = _____ + _____ + _____ + _____ + _____

84,298 ◯ 83,199 84,298 ◯ 85,365 83,199 ◯ 85,365

The order of the numbers from ***least to greatest*** is:	The order of the numbers from ***greatest to least*** is:
_____ _____ _____	_____ _____ _____

Practice to remember…

Compare. Write **>**, **<**, or **=** for each ◯.

1. $24{,}981 \bigcirc 24{,}810$
2. $45{,}813{,}540 \bigcirc 48{,}513{,}450$
3. $734{,}556 \bigcirc 734{,}655$
4. $2{,}198{,}070 \bigcirc 2{,}189{,}007$

Order the numbers from greatest to least.

5. 9,254 9,542 9,515

   _____

6. 18,229 18,209 18,299

   _____

Find the correct value of n.

7. $n + 900 = 10{,}000$

   $n =$ _____

8. $10{,}000 - n = 9{,}990$

   $n =$ _____

Answer the question. Show your thinking.

9. A toy company had a profit of $\$259{,}304$ this year and $\$254{,}509$ last year. Which profit was greater? Explain.

Name: _____ Date: _____

Chapter 1
Place Value
RE 1.4A

Remembering

Practice for fluency…

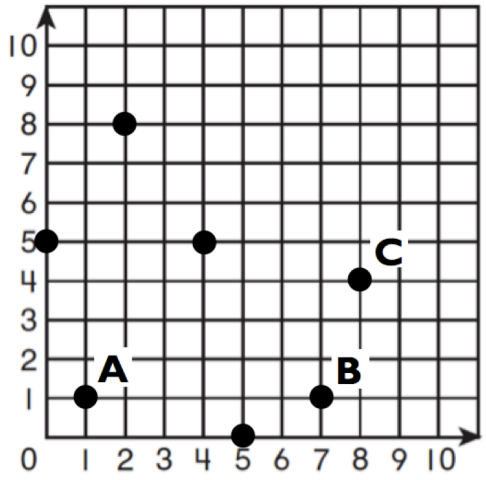
10. Round 4,977 to its greatest place
    a. 4,000
    b. 4,900
    c. 4,980
    d. 5,000

11. Round $27.22 to the nearest dollar
    a. $30.00
    b. $27.00
    c. $27.20
    d. $28.00

Write the ordered pair for each point.

12. A _____

13. C _____



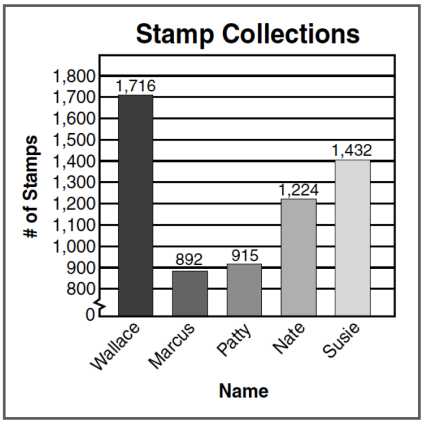
Label each point on the grid.

14. (4, 5) D

15. (0, 5) E

Use the graph to answer the questions.

16. How many more stamps does Wallace have than Nate? Show how you know.



17. Susie's sister gave her a book of stamps. Susie now has 1,612 stamps in her collection. How many stamps were in the book? Show how you know.

Name: _____ Date: _____

Chapter 1
Place Value
HW 1.4B

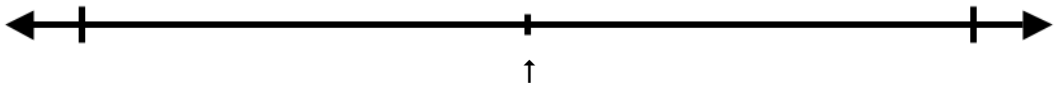
Round Whole Numbers

Practice to review…I can use reasoning to round numbers!

I can round 84,527,312 to the nearest million.

84,527,312 is greater than ____ million ↓

84,527,312 is less than ____ million ↓



↑

_____
is in the middle

84,527,312 is about _____

Practice to remember…

Compare. Write **>**, **<**, or **=** for each ◯ .

1. 201,000,001 ◯ 201,002,799

2. 1,042,639 ◯ 1,042,639

Order the numbers from greatest to least.

3. 2,437 2,461 2,459

_____

4. 72,390 71,842 79,021

_____

Round each number to the place of the underlined digit.

5. 23<u>9</u>,640,231

_____

6. 30<u>4</u>,499

_____

7. 1,<u>6</u>50,000

_____

Round each number as directed.

8. Round 4,362,045 to its greatest place. _____

9. Round 638,702,143 to the nearest million. _____

10. Round 2,460,102,000 to the nearest hundred million. _____

Name: _____ Date: _____

Chapter 1
Place Value
RE 1.4B

Remembering

Practice for fluency…

Choose the best estimate.

11. $6{,}359 + 1{,}703$

a. $7{,}000 + 1{,}000 = 8{,}000$

b. $6{,}000 + 2{,}000 = 8{,}000$

c. $7{,}000 + 2{,}000 = 9{,}000$

d. $5{,}000 + 1{,}000 = 6{,}000$

12. $87{,}623 - 24{,}401$

a. $80{,}000 - 30{,}000 = 50{,}000$

b. $87{,}000 - 25{,}000 = 62{,}000$

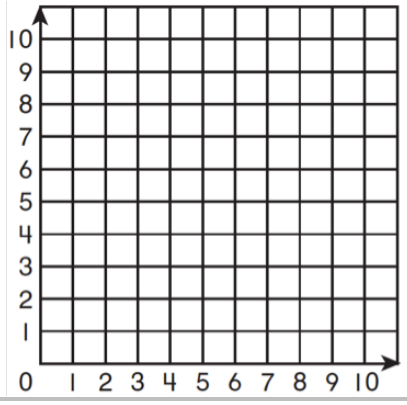
c. $70{,}000 - 20{,}000 = 50{,}000$

d. $90{,}000 - 20{,}000 = 70{,}000$

Plot and label the points on the coordinate plane.

13. $(2, 5)$ A

14. $(4, 6)$ B



Round to the place of the underlined digit.

15. $8\underline{5},204$ _____

16. $1,\underline{9}57,418$ _____

Use the graph to answer the questions.

17. For the 3-game series, attendance at the stadium was $37{,}893$, $41{,}006$, and $42{,}243$. Estimate the total attendance for the series in two different ways.

18. This is the way Dave wrote the expanded form of the number of females with the name Barbara:

$(140 \times 100{,}000) + (5 \times 100)$

Is Dave correct? Explain.

Five Popular Female Names	
Name	**Number of People**
Mary	376,915
Patricia	153,834
Linda	148,386
Barbara	140,500
Elizabeth	143,336

Name: _____ Date: _____

Compare and Order Decimals

Practice to review…I can use place value to compare numbers!

I can think about place value and expanded notation to compare numbers and put them in order.

20.56 = 20 + 0 + 0.5 + _____ + _____

20.6 = 20 + _____ + _____ + _____ + _____

0.256 = 0 + _____ + _____ + _____ + _____

20.56 ◯ 20.6 20.56 ◯ 0.256 20.6 ◯ 0.256

The order of the numbers from ***least to greatest*** is:	The order of the numbers from ***greatest to least*** is:
_____ _____ _____	_____ _____ _____

Practice to remember…

Compare. Write >, <, or = for each ◯ .

1. 7.23 ◯ 7.2
2. 0.145 ◯ 0.45
3. 0.081 ◯ 0.81
4. 0.9 ◯ 0.900

Order the numbers from greatest to least.

5. 6.2 6.02 6

_____

6. 5.32 0.325 2.53

_____

7. 1.09 11.9 19.1

_____

8. 3.18 0.83 3.8

_____

Answer the question. Show your thinking.

9. Precious jewels are measured in carats. A jeweler has a ruby weighing 0.627 carats, a diamond weighing 0.82 carats, and a pearl weighing 0.092 carats. List the jewels in order from heaviest to lightest.

Name: _____ Date: _____

Remembering

Practice for fluency…

Order the numbers from greatest to least

10. 84,392 804,381 84,492

    a. 84,392 84,492 804,381

    b. 804,381 84,492 84,392

    c. 84,492 84,392 804,381

    d. 804,381 84,392 84,492

11. 2,394,309 239,410 2,395,301

    a. 2,395,301 239,410 2,394,309

    b. 239,410 2,394,309 2,395,301

    c. 2,394,309 239,410 2,395,301

    d. 2,395,301 2,394,309 239,410

Write the ***place*** of the underlined digit.

12. 3<u>9</u>,104,722 _____

13. 4.36<u>5</u> _____

Write the ***value*** of the underlined digit.

14. 3<u>9</u>,104,722 _____

15. 4.36<u>5</u> _____

Answer each question.

16. The population of China in the year 2000 was estimated at 1,261,832,000. The population of the U.S. in 2000 was estimated at 275,563,000. How much greater was the estimated population of China than that of the U.S.? Show how you know.

17. Four movies earned the following amounts during the first week of showing: *Silent Season* $2,996,482; *Lost Planet* $3,098,705; *A Monkey's Tale* $2,982,000; and *Not This!* $3,095,065. Which movie earned the second greatest amount?

Name: _____ Date: _____

Chapter 1
Place Value
HW 1.7B

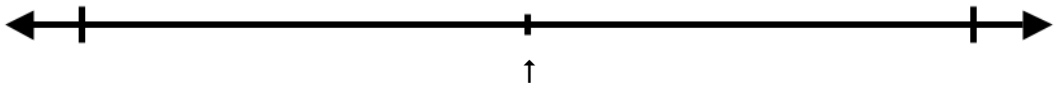
Round Decimals

Practice to review…I can use reasoning to round numbers!

I can round 0.56 to the nearest tenth.

0.56 is greater than ____ tenths ↓

0.56 is less than ____ tenths ↓



↑

_____
is in the middle

0.56 is about _____

Practice to remember…

Compare. Write **>**, **<**, or **=** for each ◯ .

1. 0.24 ◯ 0.18

2. 0.45 ◯ 0.450

Order the numbers from greatest to least.

3. 5.63 0.563 5

_____

4. 38.41 3.842 3.843

_____

Round each number to the place of the underlined digit.

5. $\underline{3}.099$

_____

6. $0.2\underline{6}8$

_____

7. $9.\underline{9}72$

_____

Round each number as directed.

8. Round 6.027 to its greatest place. _____

9. Round 5.071 to the nearest tenth. _____

10. Round 17.483 to the nearest hundredth. _____

Name: _____ Date: _____

Remembering

Practice for fluency…

How is the decimal written in words?

11. 0.049
    a. zero and forty-nine hundredths
    b. four and nine thousandths
    c. forty-nine thousandths
    d. forty-nine tenths

12. 2.901
    a. two and nine tenths
    b. two and nine hundred one thousandths
    c. two and ninety-one thousandths
    d. two hundred ninety-one thousandths

Add or subtract. Estimate to check that your answer is reasonable.

13. $344{,}203 - 336{,}030$

_____

14. $\$82.45 - \$68.61$

_____

15. $72{,}301 + 839$

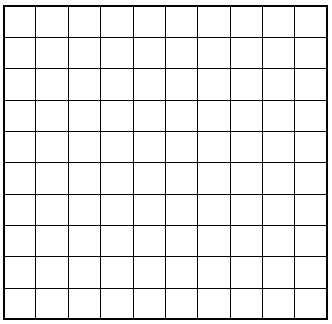
_____

16. $17{,}049 + 238{,}907$

_____

Answer each question.

17. A sand martin makes its nest at the end of a 0.75 meter tunnel. Shade the decimal square to represent this length.



18. The price for the Clark family's stay at the cabin is $\$76.56$. Mr. Clark hands the clerk $\$80$. How much change does Mr. Clark get back? Show how you know.