Name _____

5th Grade Math Remote Learning Packet

Week 1

September 21st – September 25th

Dear Educator,

My signature is proof that I have reviewed my scholar's work and supported him to the best of my ability to complete all assignments.

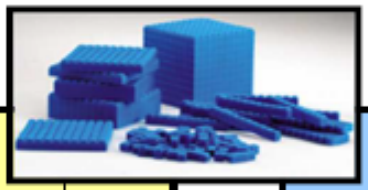
_____ _____

(Parent Signature) (Date)

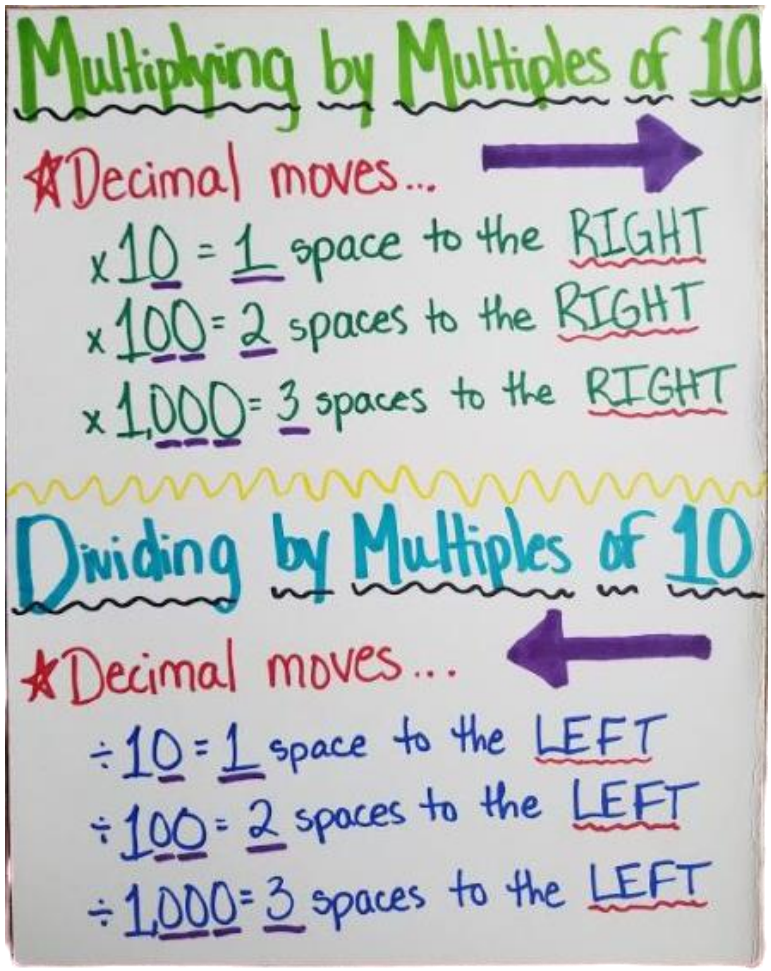
Parents please note that all academic are also available on our website at www.brighterchoice.org under the heading "Remote Learning." All academic packet assignments are mandatory and must be completed by all scholars.

Anchor Charts and Tools

PLACE VALUE CHART



(One) Billions	Hundred Millions	Ten Millions	(One) Millions	Hundred Thousands	Ten Thousands	(One) Thousands	Hundreds	Tens	Ones	.	Tenths	Hundredths	Thousandths



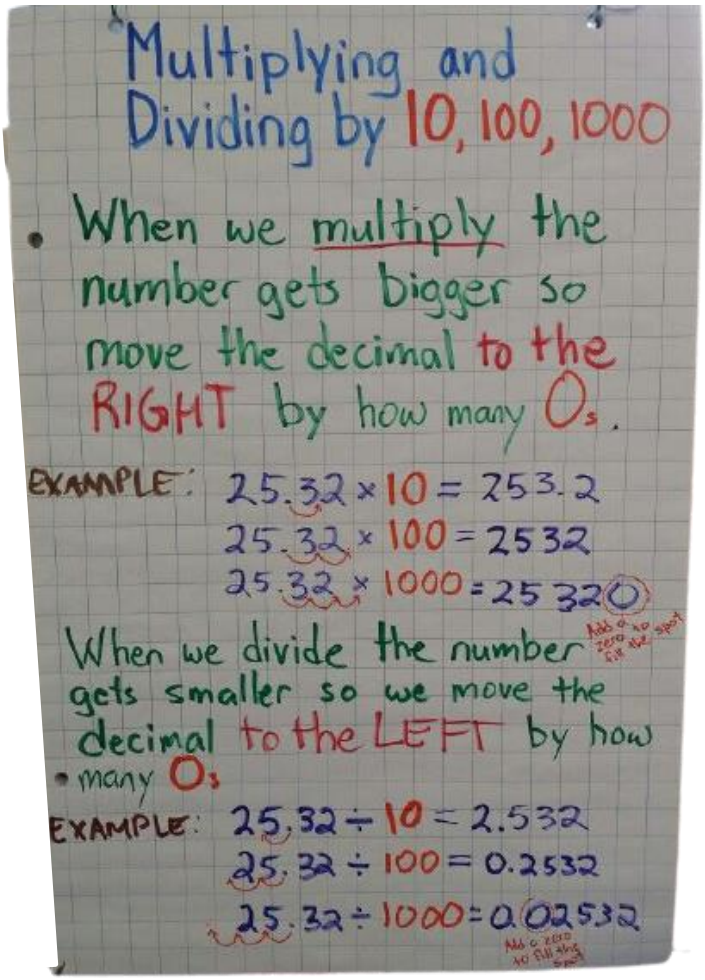


Table of Contents

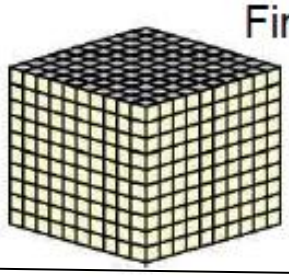
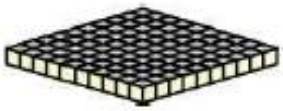
Whenever you see the following symbol  please go onto Elight.com, log in, and find the assignment to send back to me for a grade.

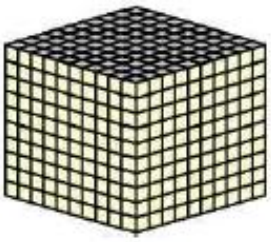
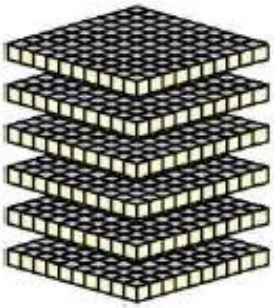
Name:_____ Date:9/21/20

BCCS-Boys College:_____

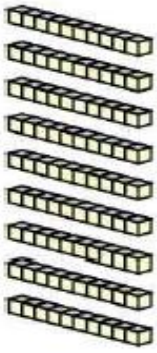
Do Now

Find the value of each group of base ten blocks.

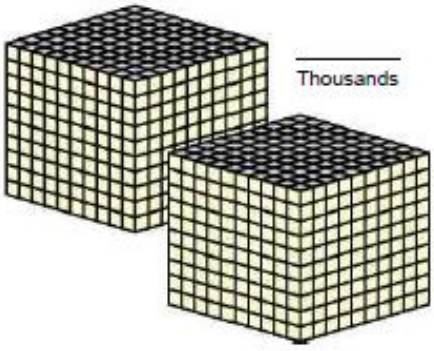
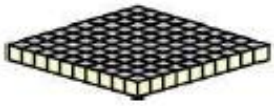
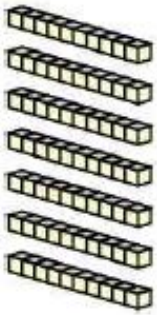
 = 1000  = 100  = 10  = 1

1)  _____ Thousands  _____ Hundreds  _____ Tens  _____ Ones

_____ Total

2)  _____ Thousands  _____ Hundreds  _____ Tens  _____ Ones

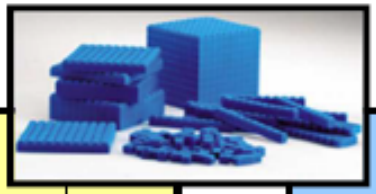
_____ Total

3)  _____ Thousands  _____ Hundreds  _____ Tens  _____ Ones

_____ Total

Input Activity

PLACE VALUE CHART



(One) Billions	Hundred Millions	Ten Millions	(One) Millions	Hundred Thousands	Ten Thousands	(One) Thousands	Hundreds	Tens	Ones	.	Tenths	Hundredths	Thousandths

Key Terms:

Decimal _____

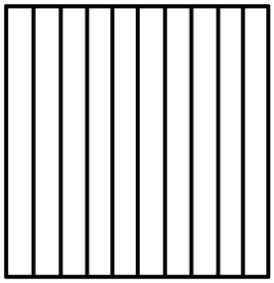
Decimal Point _____

Tenths _____

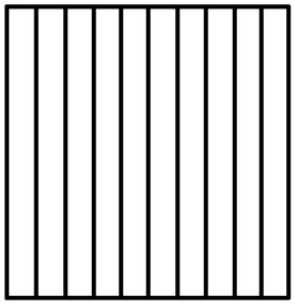
And _____

Concept Development - Tenths

A whole is the entire amount shaded. Anything less than a whole is a. decimal. A tenth is one part of 10 equal parts.



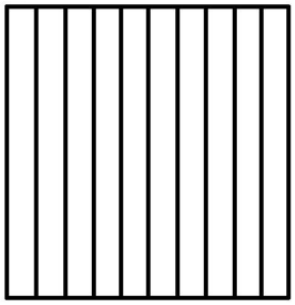
Shade 7 parts.



Decimal: _____ Fraction:_____

Word Form: _____

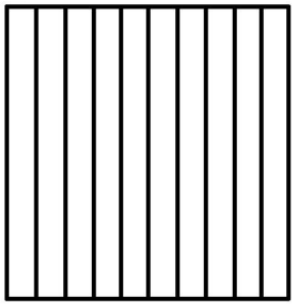
Shade 3 parts.



Decimal: _____ Fraction:_____

Word Form:_____

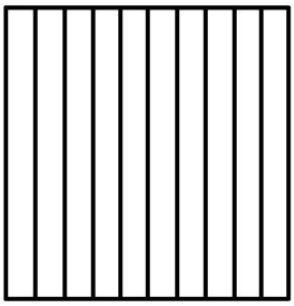
Shade 5 parts.



Decimal: _____ Fraction:_____

Word Form:_____

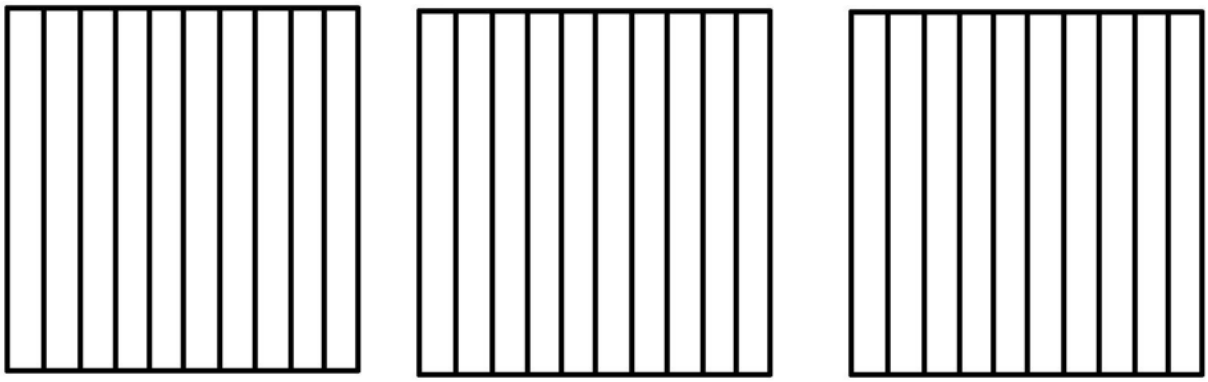
Shade 9 parts.



Decimal: _____ Fraction:_____

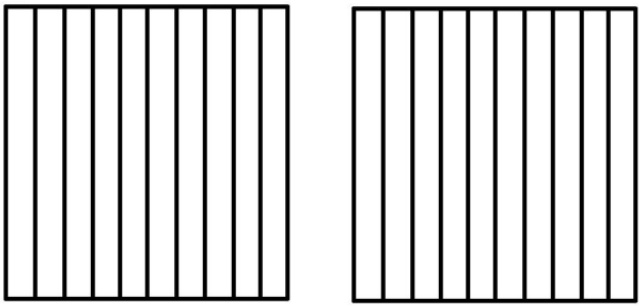
Word Form:_____

Shade 2.7



Word Form:_____ Fraction:_____

Shade 1.6



Word Form:_____ Fraction:_____

Change the word form to standard form.

1. two tenths _____
2. three and eight tenths _____
3. seven and three tenths _____
4. one and one tenth _____
4. eight tenths _____
5. two and four tenths _____
6. twenty-seven and six tenths _____

Change the standard form to word form.

6.3 _____

2.8_____

45.9_____

21.3_____

147.2_____

Change the standard form to expanded form.

157.3 _____

2,784.6_____

56,809.4_____

Problem Set

Change the word form to standard form.

twenty-three and two tenths _____

seven hundred sixteen and three tenths _____

Change the standard form to word form.

127.4_____

67.2_____

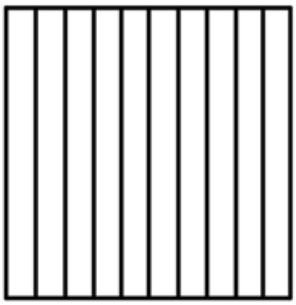
Change the standard form to expanded form.

278.1 _____

22,093.6_____

Application Problem

Annie the Ant marched eight tenths of a mile in the ant parade. What decimal describes how far Annie walked? Shade in the model to show your thinking.



Decimal: _____ Fraction:_____

Exit Ticket

Match the word form to the standard form.

_____76.8 A. three and five tenths

_____7.8 B. seventy-six and eight tenths

_____13.5 C. seven and eight tenths

_____3.5 D. thirteen and five tenths

Change the standard form to expanded form.

156.8 _____

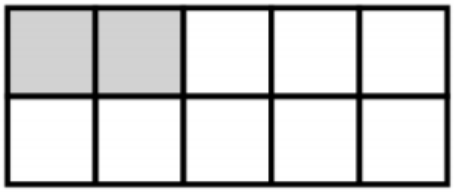
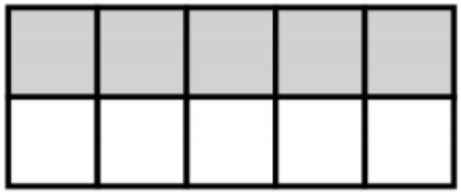
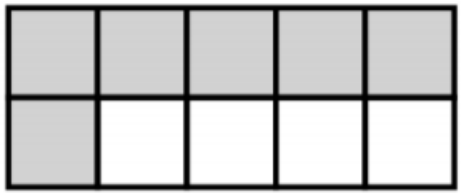
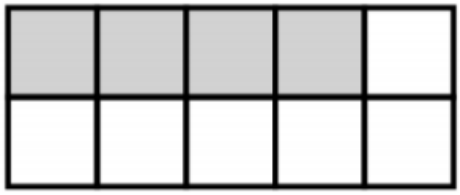
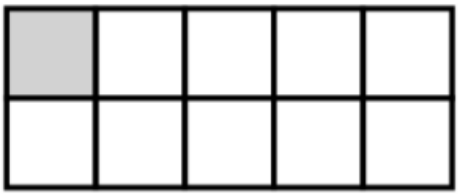
9,803.4_____

Name:_____ Date:9/21/20

BCCS-Boys College:_____

Homework

Write the shaded portion as a decimal, fraction and word form

Model	Decimal	Fraction	Word Form
	0.2	$\frac{2}{10}$	2 tenths
			
			
			
			
			

Name:_____ Date: 9/22/20

BCCS-Boys College:_____

Do Now

Write the word form.

56.7 _____

127.3_____

Write the expanded form.

541.9_____

238.5_____

Write the standard form.

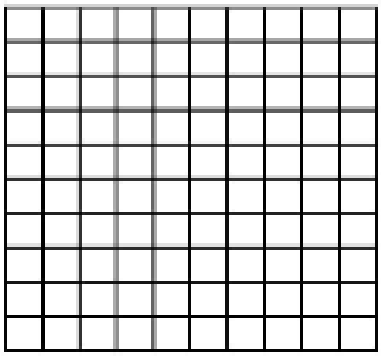
sixty-seven and seven tenths_____

one hundred fifty-three and six tenths_____

Input Activity

Key Terms:

Hundredths _____



Concept Development

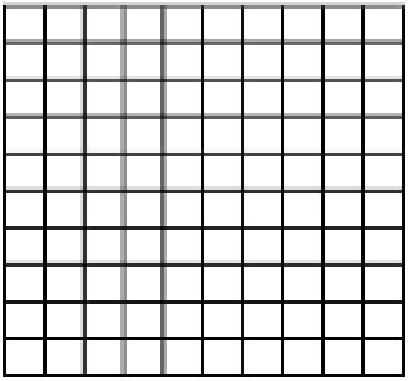
A hundredth is one part of 100 equal parts.

Shade 28 parts.

Decimal: _____ Fraction:_____

Word Form:_____

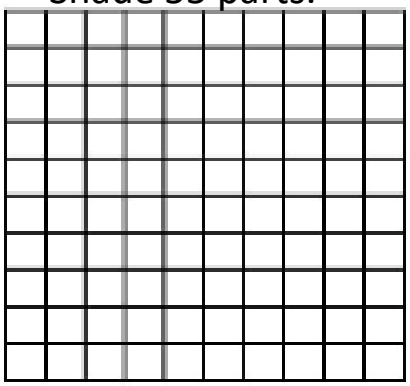
Shade 73 parts.



Decimal: _____ Fraction: _____

Word Form:_____

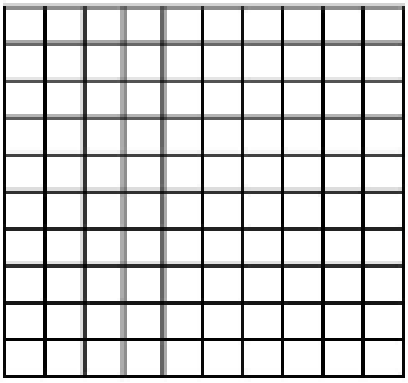
Shade 55 parts.



Decimal: _____ Fraction:_____

Word Form:_____

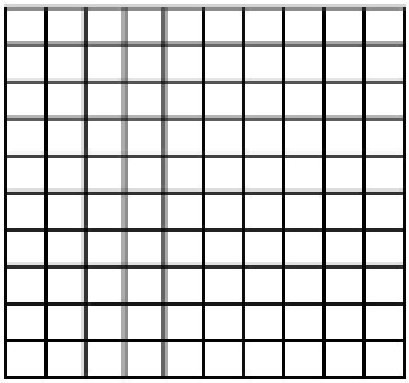
Shade 89 parts.

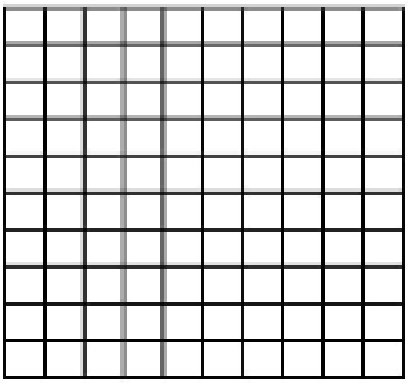


Decimal: _____ Fraction:_____

Word Form:_____

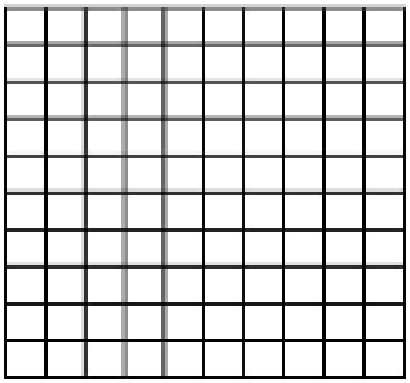
Shade 1.18

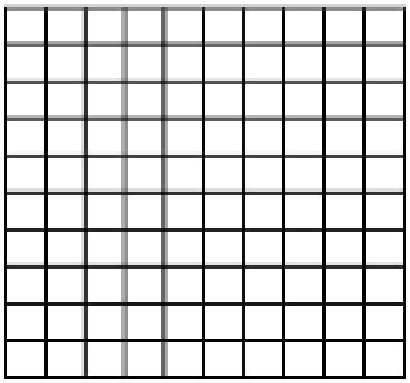


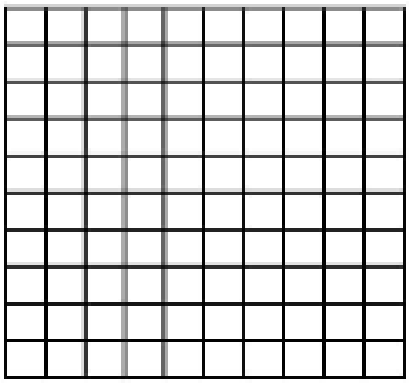


Word Form:_____ Decimal:_____

Shade 2.46







Word Form:_____ Decimal:_____

Change the word form to standard form.

1. thirty-two hundredths _____
2. sixty-three and eight hundredths _____
3. seventy-six and thirty-three hundredths _____
4. one and fourteen hundredths _____
5. two hundred nine and eight hundredths _____
6. fifty-seven and fourteen hundredths _____

Change the standard form to word form.

16.26 _____

45.92_____

201.35_____

14.29_____

Change the standard form to expanded form.

141.13 _____

763.26_____

809.34_____

Problem Set

Change the word form to standard form.

eighty and twenty-two hundredths _____

seven hundred nine and fifty-six hundredths _____

Change the standard form to word form.

52.87_____

90.56_____

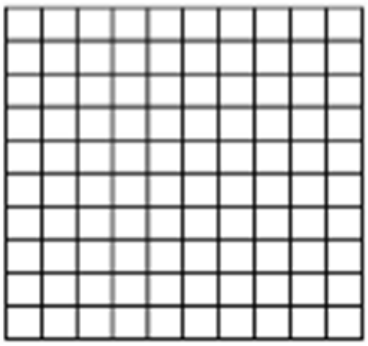
Change the standard form to expanded form.

102.12 _____

287.76_____

Application Problem:

In a bag of 100 balloons, there are 35 red balloons. What fraction and decimal of the total balloons are red?



Decimal: _____ Fraction:_____

Exit Ticket

Write the word form next to the standard form.

156.28_____

7.18 _____

Change the standard form to expanded form.

112.88 _____

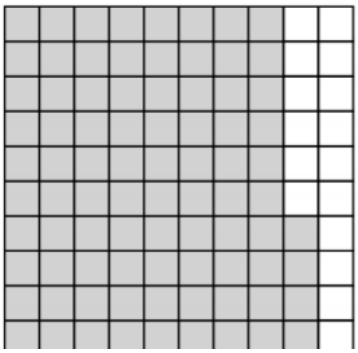
887.14_____

Name:_____ Date: 9/22/20

BCCS-Boys College:_____

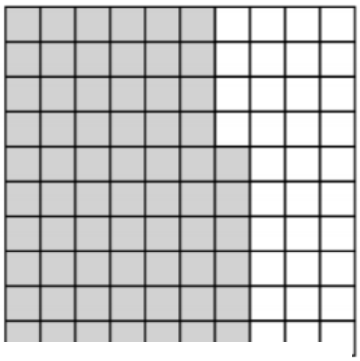
Homework

All the squares below have been separated into 100 equal parts. Each part is $\frac{1}{100}$. For all the squares, write the shaded portion as a fraction and decimal.



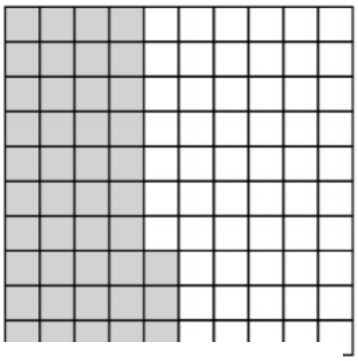
Fraction: _____

Decimal: _____



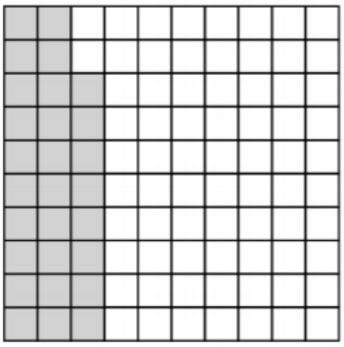
Fraction: _____

Decimal: _____



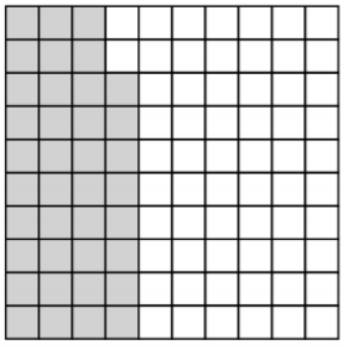
Fraction: _____

Decimal: _____



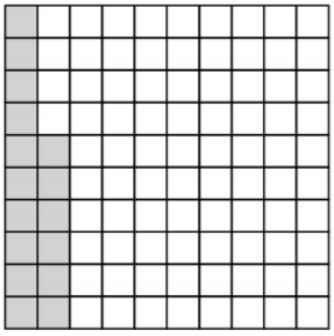
Fraction: _____

Decimal: _____



Fraction: _____

Decimal: _____



Fraction: _____

Decimal: _____

Name:_____ Date:9/23/20

BCCS-Boys College:_____

Do Now

Write the word form.

23.75 _____

Write the expanded form.

187.19_____

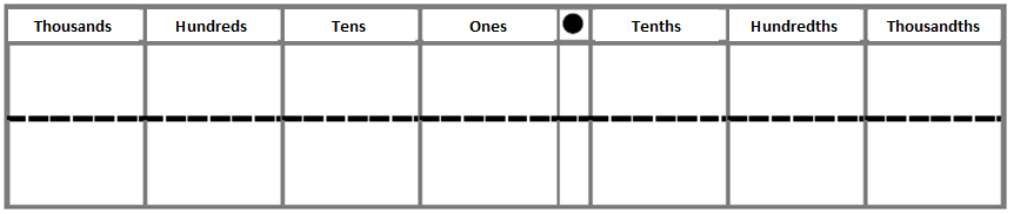
Write the standard form.

two hundred five and twenty-six hundredths_____

Input Activity:

Let's think about numbers…

Each place value is _____ times greater than the place value to its right. That means that the place value to the left of a number will always be _____ than a place to the right.



Today we will be multiplying decimals by multiples of 10:

Let's list the multiples of 10 that we will be multiplying by today:

_____

The number of zeros will _____the number to the _____that many spaces. The decimal _____moves and is not considered a _____.

Remember…

If you multiply by 10, you will move your number to the left _____ space.

If you multiply by 100, you will move your number to the left _____ spaces.

If you multiply by 1,000 you will move your number to the left _____ spaces.

Problem 1:

0.2 x 10

1. Copy the problem in the top row of the chart.

3. Move the number to the left the amount of zeros that are in the multiple of 10 in the bottom row of the chart. Draw arrows to show your movement from top to bottom numbers. This is your answer

4. Re-write your answer on the line below the chart.

Thousands	Hundreds	Tens	Ones	●	Tenths	Hundredths	Thousandths

_____

Problem 2: 0.04 x 10 = _____

Thousands	Hundreds	Tens	Ones	●	Tenths	Hundredths	Thousandths

Problem 3: 0.04 x 1,000 = _____

Thousands	Hundreds	Tens	Ones	●	Tenths	Hundredths	Thousandths

Multiply decimals by 10, 100, and 1,000.

Steps:	**Example:**
	0.5 x 100

Problem 4:

2.43 x 10

Problem 5:

2.43 x 100

Problem 6:

2.43 x 1,000

Problem 7: 3.452 x 10 = _____

Thousands	Hundreds	Tens	Ones	●	Tenths	Hundredths	Thousandths

Problem 8:

0.124 x 100

Problem 9:

7.6 x 1,000

Problem 10: 0.26 x 100 = _____

Thousands	Hundreds	Tens	Ones	●	Tenths	Hundredths	Thousandths

Problem Set

a. 5.67 × 10 = _____

Thousands	Hundreds	Tens	Ones	●	Tenths	Hundredths	Thousandths

b. 5.67 × 100 = _____

Thousands	Hundreds	Tens	Ones	●	Tenths	Hundredths	Thousandths

c. 5.67 × 1,000 = _____

Thousands	Hundreds	Tens	Ones	●	Tenths	Hundredths	Thousandths

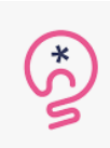
d. 2.13 x 100

f. 90.34 x 10

Application Problem:

On average, a human hair grows 1.25 centimeters per month. At this rate, how long would a strand of hair grow in 10 months.

Exit Ticket



a. 6.581 × 10 = _____

Thousands	Hundreds	Tens	Ones	●	Tenths	Hundredths	Thousandths

b. 7.68 × 100 = _____

Thousands	Hundreds	Tens	Ones	●	Tenths	Hundredths	Thousandths

c. .486 × 10 = _____ d. 3.3 × 1,000 = _____

Name:_____ Date: 9/23/20

BCCS-Boys College:_____

Homework

Use the place value chart and arrows to show how the value of each digit changes.

a. 4.582 × 10 = _____

Thousands	Hundreds	Tens	Ones	●	Tenths	Hundredths	Thousandths

b. 9.254 × 1,000 = _____

Thousands	Hundreds	Tens	Ones	●	Tenths	Hundredths	Thousandths

Divide the decimal by the multiple of 10.

c. 1.55 × 100 = _____ d. 9.456 × 1,000 =_____

Name:_____ Date:9/24/20

BCCS-Boys College:_____

Do Now

Use the place value chart and arrows to show how the value of each digit changes.

a. 5.748 × 10 = _____

Thousands	Hundreds	Tens	Ones	●	Tenths	Hundredths	Thousandths

b. 3.421 × 100 = _____

Thousands	Hundreds	Tens	Ones	●	Tenths	Hundredths	Thousandths

Multiply each decimal by the multiple of 10.

c. 56.8 x 100 _____ d. 18.4 x 1,000 = _____

Input Activity

Yesterday in math class we multiplied by multiples of 10. What did that mean? Explain. Today we will be dividing by multiples of 10. What do you think that would mean?

Each place value is _____ times greater than the place value to its **RIGHT**. That means that the place value to the **RIGHT** of a number will always be _____ than a place to the **LEFT**.

Let's build the place value chart that we used yesterday:

Thousands	Hundreds	Tens	Ones	●	Tenths	Hundredths	Thousandths

Today we will be dividing decimals by multiples of 10:

Let's list the multiples of 10 that we will be dividing by today: _____

The number of zeros will _____the number to the _____that many spaces. The decimal _____move and is not considered a _____.

Remember…

If you divide by 10, you will move your number to the right_____ space.

If you divide by 100, you will move your number to the right _____ spaces.

If you divide by 1,000 you will move your number to the right _____ spaces.

Invisible Decimals:

Every number has an _____ _____. The invisible decimal will always be after the number.

Ex: 45

The number is written _____

Problem 1:

2. Copy the problem in the top row of the chart.

3. Move the number to the left the amount of zeros that are in the multiple of 10 in the bottom row of the chart. Draw arrows to show your movement from top to bottom numbers. This is your answer

4. Re-write your answer on the line.

6 ÷ 10 = _____

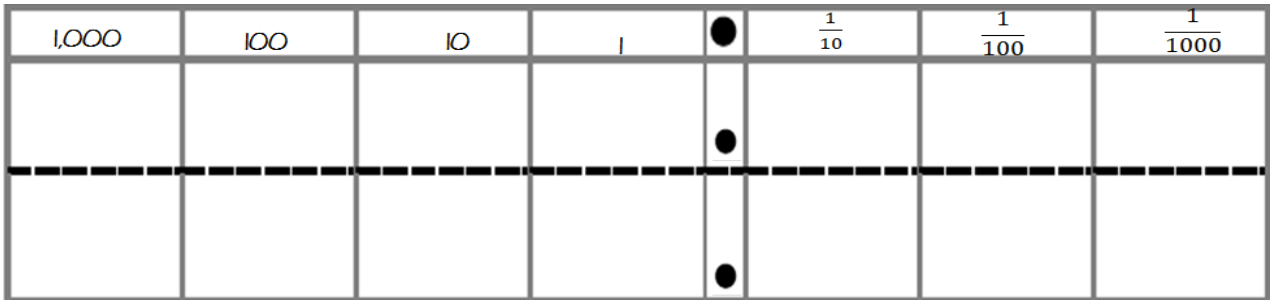
1,000	100	10	1	●	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$
				●			
				●			

Problem 2:

6 ÷ 100 = _____

1,000	100	10	1	●	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$
				●			
				●			

Problem 3: 6 ÷ 1,000 = _____



Dividing decimals by 10, 100, and 1,000

Steps:	Example:
	0.7 ÷ 10

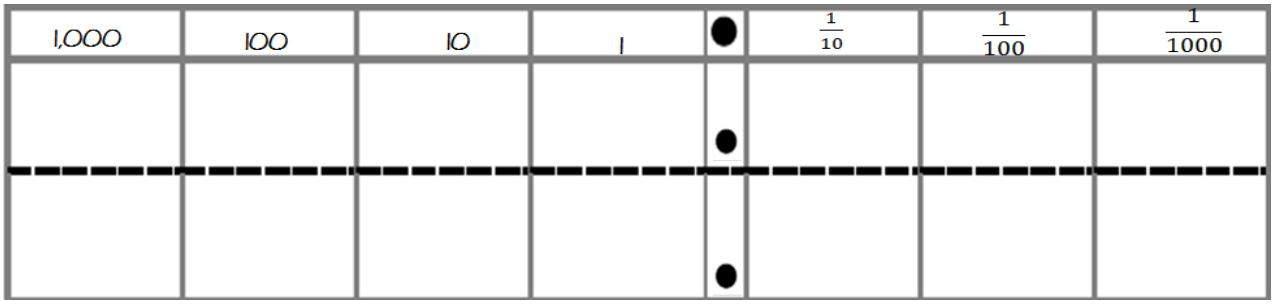
Problem 4:

0.7 ÷ 100

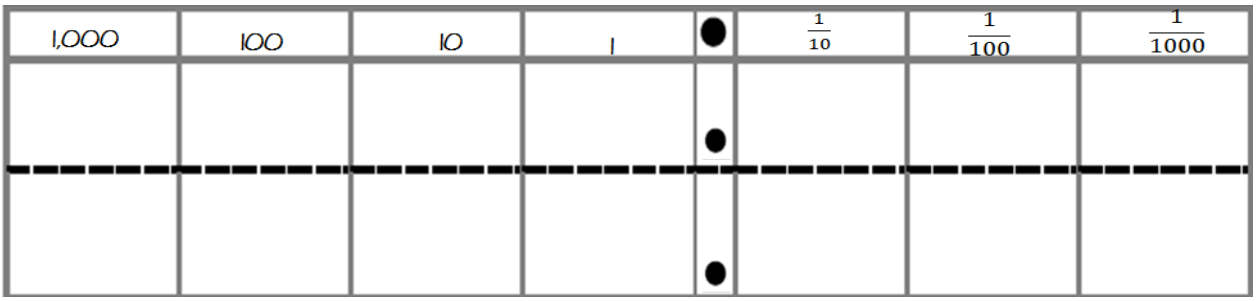
Problem 5:

0.7 ÷ 1,000

Problem 6: 745 ÷ 10 = _____



Problem 7: 745 ÷ 100 = _____



Problem 8:

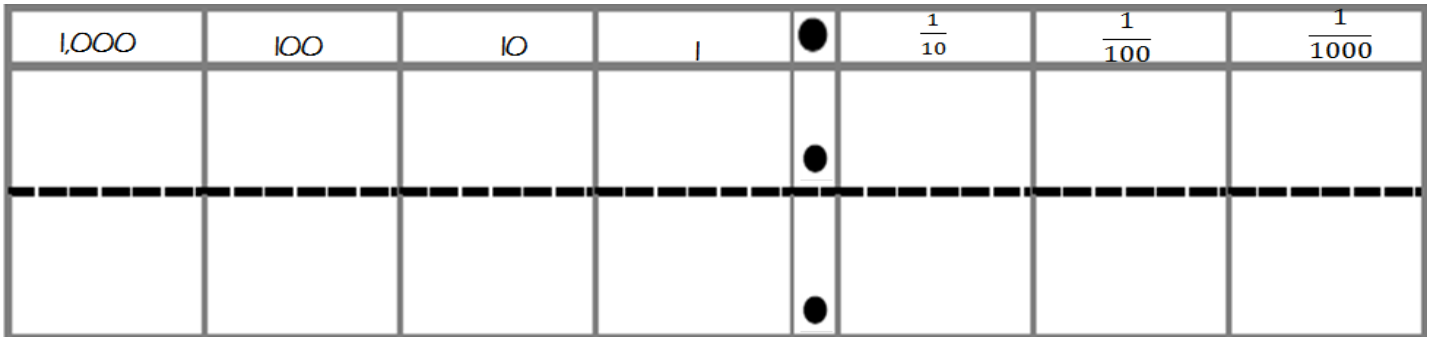
24.7 ÷ 100

Problem 9:

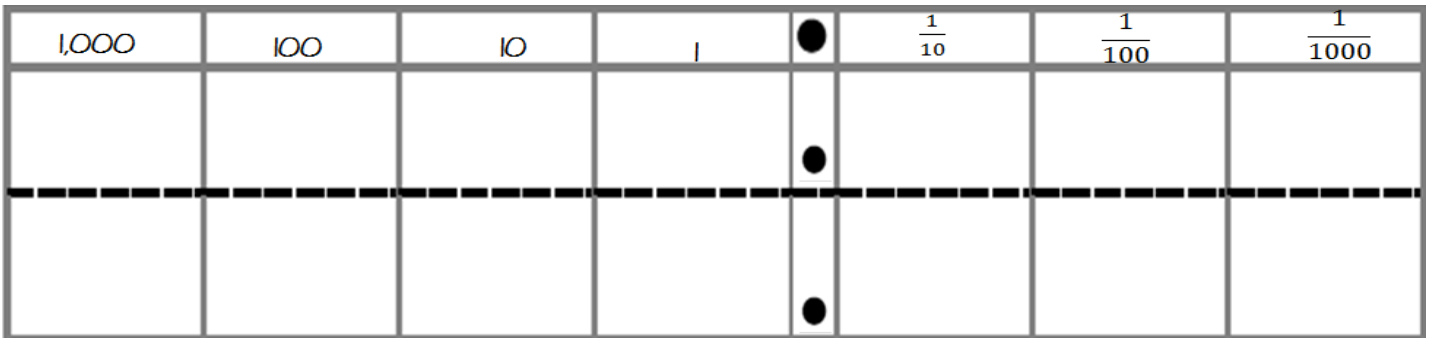
4.05 ÷ 1,000

Problem Set

345 ÷ 10 = _____



54.7 ÷ 1,000 = _____



8.95 ÷ 1,000 = _____

74.25 ÷ 100 = _____

Application Problem

Ten children ran a lemonade stand all summer. They made a total of $485. If they split the money evenly, how much money will each child receive?

Exit Ticket

Use the place value chart and arrows to show how the value of each digit changes.

6.581 ÷ 10 = _____

1,000	100	10	1	•	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$

7.68 ÷ 100 = _____

1,000	100	10	1	•	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$

Divide the decimal by the multiple of 10.

0.486 ÷ 10 = _____ 3.3 ÷ 1,000 = _____

Name:_____ Date:9/24/20

BCCS-Boys College:_____

Homework

Use the place value chart and arrows to show how the value of each digit changes.

684 ÷ 1,000 = _____

1,000	100	10	1	•	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$

925.4 ÷ 100 = _____

1,000	100	10	1	•	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$

Divide the decimal by the multiple of 10.

1.55 ÷ 10 = _____

45.6 ÷ 1,000 = _____

Name:_____ Date: 9/25/20

BCCS-Boys College:_____

Do Now

Use the place value chart and arrows to show how the value of each digit changes.

d. 5.64 ÷ 10 = _____

Thousands	Hundreds	Tens	Ones	●	Tenths	Hundredths	Thousandths

e. 42.1 ÷ 100 = _____

Thousands	Hundreds	Tens	Ones	●	Tenths	Hundredths	Thousandths

Divide the decimal by the multiple of 10.

f. 427.5 ÷ 10 = _____ 122.6 ÷ 1,000 = _____

Input Activity

Multiplying and Dividing Decimals by Multiples of 10 Review

Multiplying Steps and Example:

Dividing Steps and Example:

Using a Place value Chart to Multiply Decimals by Multiples of 10:

4.57 x 100

Thousands	Hundreds	Tens	Ones	●	Tenths	Hundredths	Thousandths

Using a Place value Chart to Divide Decimals by Multiples of 10:

16.32 ÷ 1,000

Thousands	Hundreds	Tens	Ones	●	Tenths	Hundredths	Thousandths

Problem 1:

367 x 10

Thousands	Hundreds	Tens	Ones	●	Tenths	Hundredths	Thousandths

Problem 2:

156 ÷ 10

Problem 3:

4,367 x 10

Problem 4:

16.5 ÷ 10

Thousands	Hundreds	Tens	Ones	●	Tenths	Hundredths	Thousandths

Problem 5:

0.7 ÷ 100

Thousands	Hundreds	Tens	Ones	●	Tenths	Hundredths	Thousandths

Problem 6:

0.05 ÷ 100

Problem 7:

215.6 x 100

Problem 8:

45.89 ÷ 100

Thousands	Hundreds	Tens	Ones	●	Tenths	Hundredths	Thousandths

Problem 9:

3.7 x 100

Thousands	Hundreds	Tens	Ones	●	Tenths	Hundredths	Thousandths

Problem 10:

21.8 ÷ 100

Problem 11:

0.482 x 1,000

Problem 12:

542 ÷ 1,000

Thousands	Hundreds	Tens	Ones	●	Tenths	Hundredths	Thousandths

Problem Set

54,000 ÷ 10 = _____

8.7 x 10 = _____

Thousands	Hundreds	Tens	Ones	●	Tenths	Hundredths	Thousandths

0.13 x 10 = _____

403.1 ÷ 100 = _____

Thousands	Hundreds	Tens	Ones	●	Tenths	Hundredths	Thousandths

19.453 x 10 = _____

53.1 ÷ 100 = _____

Thousands	Hundreds	Tens	Ones	●	Tenths	Hundredths	Thousandths

Application Problem:

A single postage stamp costs $0.44. How much would a roll of 1,000 stamps cost?

Exit Ticket:

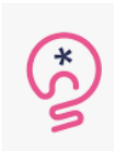
Multiply or divide each decimal by the multiple of 10.

a. 455 × 1,000 = _____ b. 455 ÷ 1,000 = _____

c. 3.21 x 10 = _____ d. 363.2 ÷ 100 = _____

Name:_____ Date:9/25/20

BCCS-Boys College:_____



Homework:

Multiply or Divide each decimal by the power of 10.

96.54 x 100 = _____ 455.82 ÷ 1,000 = _____

143.5 ÷ 100 = _____ .0324 x 1,000 = _____

0.786 x 10 = _____ 16.567 ÷ 100 = _____

910.45 ÷ 1,000 = _____ 4.348 x 10 = _____

Name _____

5th Grade Math Remote Learning Packet

Week 2

September 28th – October 2nd

Dear Educator,

My signature is proof that I have reviewed my scholar's work and supported him to the best of my ability to complete all assignments.

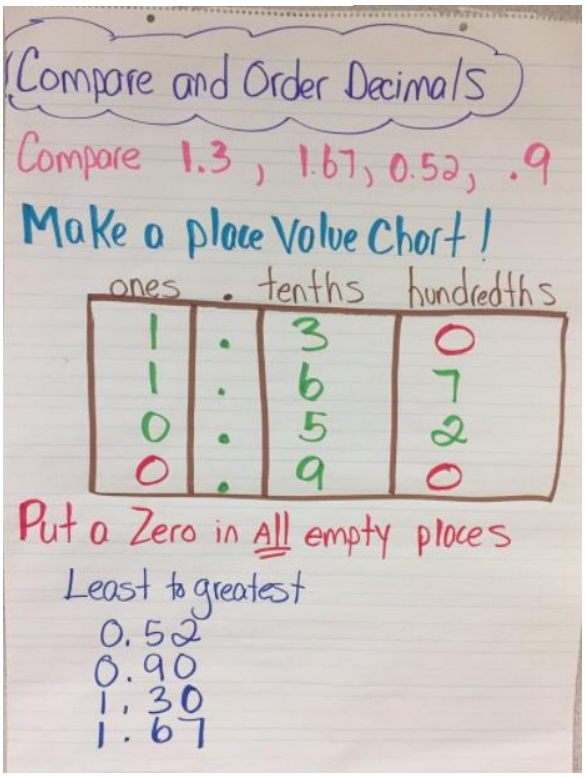
_____ _____

(Parent Signature) (Date)

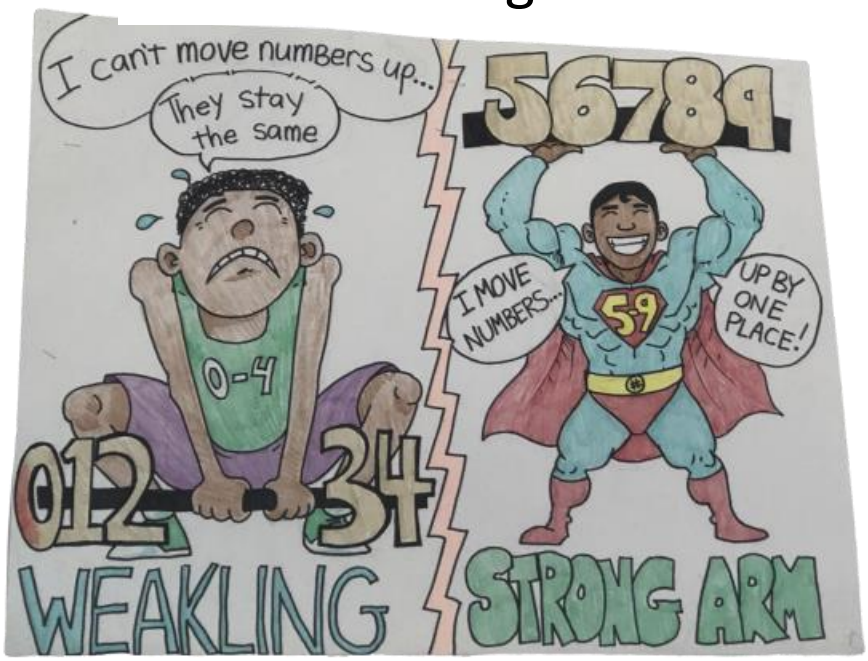
Parents please note that all academic are also available on our website at www.brighterchoice.org under the heading "Remote Learning." All academic packet assignments are mandatory and must be completed by all scholars.

Anchor Charts and Tools

Power	Expression	Standard Form
10^1	10	10
10^2	10 x 10	100
10^3	10 x 10 x 10	1,000
10^4	10 x 10 x 10 x 10	10,000
10^5	10 x 10 x 10 x 10 x 10	100,000
10^6	10 x 10 x 10 x 10 x 10 x 10	1,000,000
10^7	10 x 10 x 10 x 10 x 10 x 10 x 10	10,000,000
10^8	10 x 10 x 10 x 10 x 10 x 10 x 10 x 10	100,000,000
10^9	10 x 10 x 10 x 10 x 10 x 10 x 10 x 10 x 10	1,000,000,000



Rounding



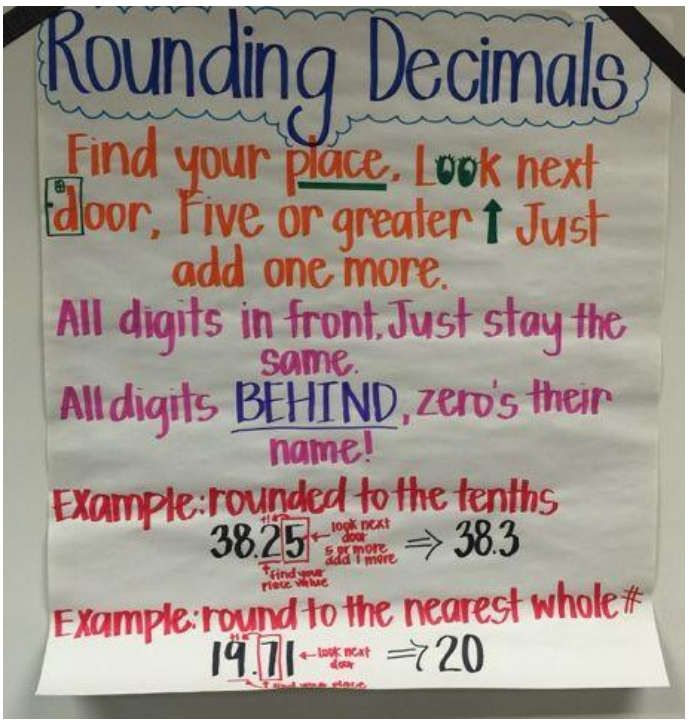


Table of Contents

Whenever you see the following symbol  please go onto Elight.com, log in, and find the assignment to send back to me for a grade.

Name:_____ Date: 9/28/20

BCCS-Boys College:_____

Do Now

Solve.

g. 15.28 ÷ 100 = _____

h. 74.1 x 10 = _____

i. 27.59 ÷ 100 = _____

j. .9056 x 1,000 = _____

Key Terms:

Exponent _____

_____

Base_____

_____

Input Activity

Problem 1:

	1,000,000	100,000	10,000	1,000	100	10
Repeated Multiplication						
Exponent						
Word Form						

Problem 2:

10^5

Repeated Multiplication _____

Product:_____

Word Form:_____

Problem 3:

10^4

Repeated Multiplication _____

Product:_____

Word Form:_____

Problem 4:

10^8

Repeated Multiplication _____

Product:_____

Word Form:_____

Problem 5:

10^6

Repeated Multiplication _____

Product:_____

Word Form:_____

Problem 6:

3×10^2

Problem 7:

3.4×10^3

Problem 8:

4.021×10^2

Problem 9:

$700 \div 10^2$

Problem Set

1. Write the following in exponential form (e.g., $100 = 10^2$).

a. 10,000 = _____ b. 1,000 = _____

c. 10×10 = _____ d. 100×100 = _____

e. 1,000,000 = _____

2. Write the following in standard form (e.g., $5 \times 102 = 500$).

a. 9×10^3 = _____ b. 39×10^4 = _____

c. $7{,}200 \div 10^2$ = _____ d. 4.025×10^3 =_____

e. $72.5 \div 10^2$ = _____ f. $7.2 \div 10^2$ = _____

Application Problem:

Jack and Kevin are creating a mosaic for art class by using fragments of broken tiles. They want the mosaic to have 10^2 sections. If each section requires 31.5 tiles, how many tiles will they need to complete the mosaic?

Exit Ticket

1. Write the following in exponential form and as a multiplication sentence using only 10 as a factor.

   ex: 100 = 10^2 = 10×10

a. 1,000 = _____ = _____

b. 10,000 = _____ = _____

2. Write the following in standard form.

ex: $4 \times 10^2 = 400$

a. 3×10^2 = _____ b. $754.2 \div 10^2$ = _____

Name:_____ Date: 9/28/20

BCCS-Boys College:_____

Homework

1. **Write the following in exponential form**.
   Ex: $100 = 10^2$

a. $1000 =$ _____ b. $10 \times 10 =$ _____

c. $100{,}000 =$ _____ d. $100 \times 10 =$ _____

2. **Write the following in standard form**.
   Ex: $4 \times 10^2 = 400$

a. $4 \times 10^3 =$ _____ b. $9.4 \times 10^2 =$ _____

c. $5.32 \div 10^2 =$ _____ e. $6.72 \times 10^3 =$ _____

Name:_____ Date: 9/29/20

BCCS-Boys College:_____

Do Now

Write the word form.

23.57 _____

97.03_____

Write the expanded form.

27.97_____

105.59_____

Write the standard form.

forty-seven and seventeen hundredths_____

one hundred sixteen and ninety hundredths_____

Key Term:

Thousandths _____

Key Terms Review:

Standard form - shows us the digits that we are using to represent that amount **Ex:** 65.4

Expanded form - shows how much each digit is worth and that the number is a total of those values added together.

Ex: 60 + 5 + 0.4 ***or*** 60 + 5 + $\frac{4}{10}$

Unit form - helps us see how many of each size unit are in the number

Ex: 6 tens 5 ones 4 tenths

Fractional form – shows the decimal as a fraction **Ex:** $65\frac{4}{10}$

Input Activity:

Problem 1

789 parts

Standard: _____ Fraction: _____

Word Form:_____

Unit Form: _____

Expanded Form: _____

Problem 2

103 parts

Standard: _____ Fraction: _____

Word Form:_____

Unit Form: _____

Expanded Form:_____

Problem 3:

15 wholes and 543 parts

Standard: _____ Fraction: _____

Word Form:_____

Unit Form: _____

Expanded Form: _____

Problem 4:

Four hundred sixty-seven and eight hundred twenty-one thousandths

Standard: _____ Fraction: _____

Unit Form: _____

Expanded Form: _____

Problem 5:

0.273

Word Form: _____

Fraction:_____

Expanded Form:_____

Unit Form:_____

Problem 6:

$$\frac{289}{1000}$$

Word Form: _____

Expanded Form:_____

Standard Form:_____

Unit Form:_____

Problem 7:

10 + 9 + 0.2 + 0.04 + 0.003

Word Form: _____

Standard Form:_____

Fractional Expanded Form:_____

Unit Form:_____

Problem 8:

7ones 8tenths 5hundredths 1thousandth

Standard Form: _____

Expanded Form:_____

Fractional Expanded Form:_____

Problem Set

Change each to standard form.

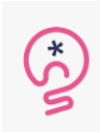
	Standard Form
forty-six thousandths	
$\frac{124}{1000}$	
nine and three hundred four hundred twenty-six thousandths	
0.1 + 0.08 + 0.006	
10 + 6 + 0.7 + 0.08 + 0.003	
7 ones, 1 tenth, 5 hundredths 2 thousandths	

Application Problem

At the beginning of a lesson, a piece of chalk is 4.875 inches long. At the end of the lesson, it is 3.125 inches long. Write the two amounts in **expanded form using fractions**.

a. At the beginning of the lesson:

b. At the end of the lesson:



Exit Ticket

1. Express thirty-six thousandths in standard form. _____

2. Express fifty-two thousandths as a fraction._____

3. Express 14.495 in words. _____

4. Express 12.524 in expanded form._____

Name:_____ Date: 9/29/20

BCCS-Boys College:_____

Homework

1. Express as decimal numerals. The first one is done for you.

a. Five thousandths	0.005
b. Thirty-five thousandths	
c. Nine and two hundred thirty-five thousandths	
d. Eight hundred and five thousandths	
e. $\frac{8}{1000}$	
f. $\frac{28}{1000}$	
g. $7\frac{528}{1000}$	
h. $300\frac{502}{1000}$	

2. Express each of the following values in words.

a. 0.008 _____

b. 15.062 _____

c. 607.409 _____

Name:_____ Date: 9/30/20

BCCS-Boys College:_____

Do Now

Express as decimal numerals.

a. $27\frac{456}{1000}$ _____ b. $\frac{97}{1000}$ _____

c. two hundred twenty-three thousandths _____

d. six and fifty-nine thousandths_____

Express as word form.

e. 12.809 _____

_____

f. 2.931 _____

_____

Key Symbols and Words:

Greater Than _____

Less Than _____

Equal To _____

Least to Greatest _____

Greatest to Least _____

Ascending to Descending _____

Descending to Ascending_____

Input Activity

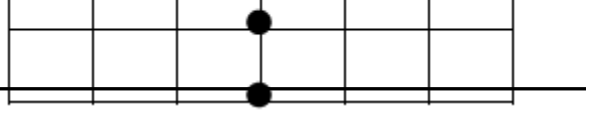
Problem 1:

Use <, >, or = to compare

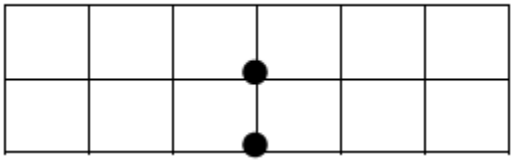
Steps:

Example:

3.196 ◯ ***3.296***



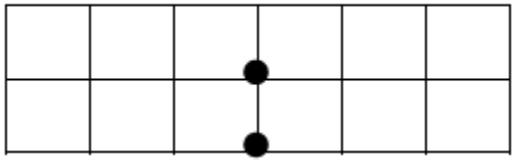
$\frac{567}{1000}$ ◯ $\frac{7}{10}$



Problem 2:

Use <, >, or = to compare

0.012 ◯ 0.002

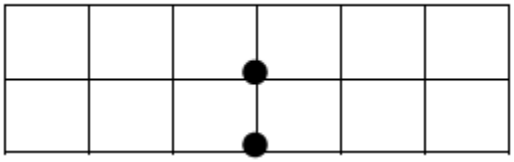


Problem 3:

Use <, >, or = to compare

Change the fractions to decimals before comparing!

$$\frac{299}{1000} \bigcirc \frac{3}{10}$$

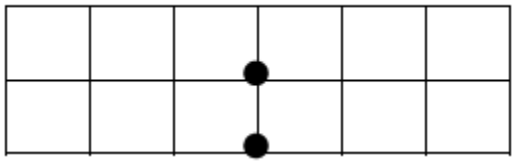


Problem 4:

Use <, >, or = to compare

Change the fractions to decimals before comparing!

$$\frac{705}{1000} \bigcirc \frac{7}{10}$$



Problem 5:

Order from least to greatest:

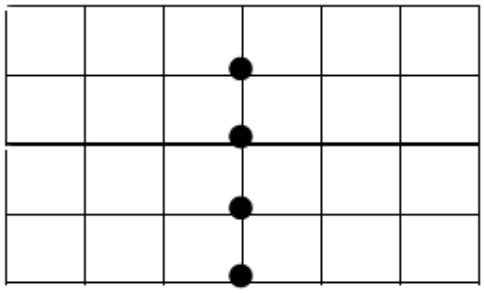
0.413 0.056 0.164 0.531

_____

_____

_____

_____



Problem 6:

Order from ascending to descending:

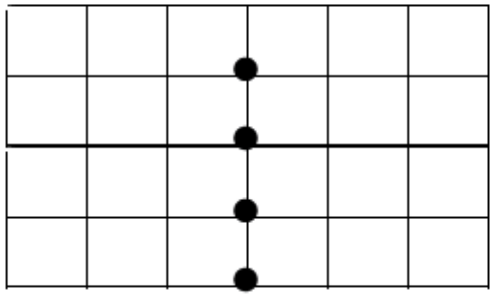
27.005 29.04 27.019 29.5

_____

_____

_____

_____

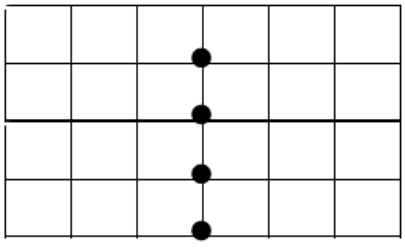


Problem 7:

Order from descending to ascending:

119.177 119.173 119.078 119.5

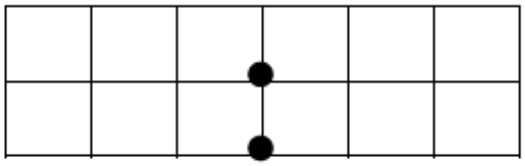
_____, _____,_____, _____



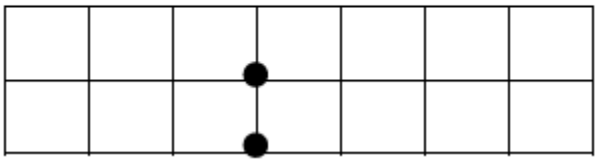
Problem Set

1. Show the numbers on the place value chart using digits. Use >, <, or = to compare. Explain your thinking in the space to the right.

34.223 ◯ 34.232



0.8 ◯ 0.706



Arrange the numbers in increasing order.

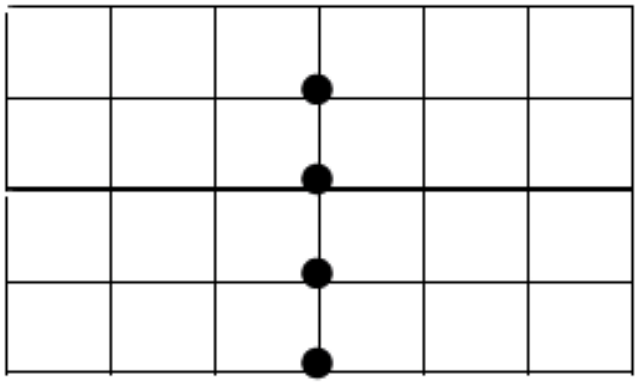
3.049 3.059 3.05 3.04

_____

_____

_____

_____



Application Problem:

Craig, Randy, Charlie, and Sam ran in a 5K race on Saturday. They were the top 4 finishers. Here are their race times:

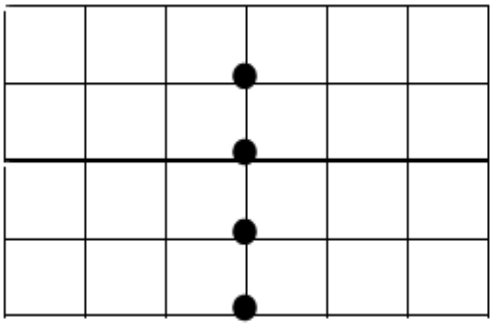
Craig: 25.9 minutes
Randy: 32.2 minutes
Charlie: 32.28 minutes
Sam: 25.85 minutes

Who won first place? _____

Who won second place? _____

Who won third place? _____

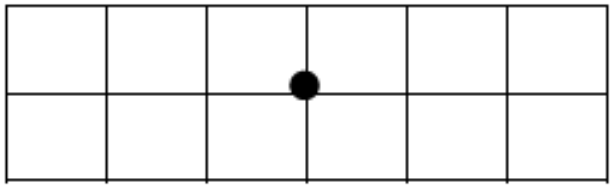
Who won fourth place?_____



Exit Ticket

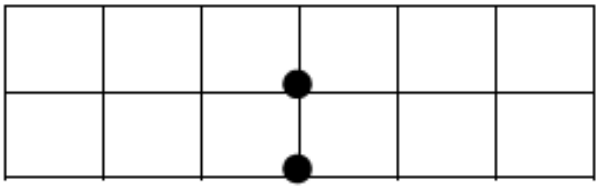
1. Show the numbers on the place value chart using digits. Use >, <, or = to compare. Explain your thinking in the space to the right.

167.4 ◯ 167.462



2. Use >, <, and = to compare the numbers.

32.725 ◯ 32.735



Name:_____ Date: 9/30/20

BCCS-Boys College:_____

Homework

1. Use >, < or = to compare the following.

a. 16.45	◯	16.454
b. 0.83	◯	$\frac{83}{100}$
c. $\frac{205}{1000}$	◯	0.205
d. 95.045	◯	95.545
e. 419.10	◯	419.099
f. Five ones and eight tenths	◯	Fifty-eight tenths
g. Thirty-six and nine thousandths	◯	Four tens

2. Adam collected different types of ants to conduct a study on insects and measured the length of the ants. His observations are in the table below. Use the table to answer the following questions.

Length of Various Types of Ants

Type	Length
Black Garden Queen	0.77 cm
Black garden Worker	0.495 cm
Carpenter Ant	0.774 cm
Pharaoh Worker Ant	0.298 cm

a. Which type of ant is the longest?

_____

b. Which type of ant is the shortest?

_____

c. Ordering the ant lengths in descending order.

_____

_____

_____

_____

Name:_____ Date: 10/1/20

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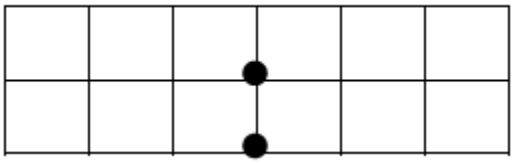
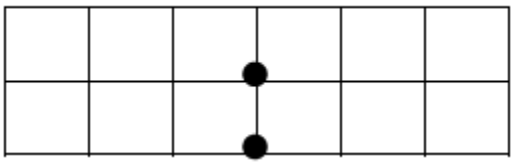
Do Now

Use >, < or = to compare.

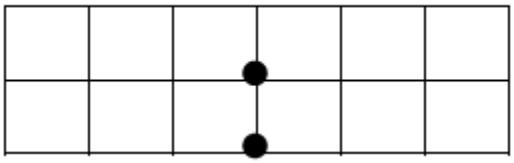
12.45 ***12.21***



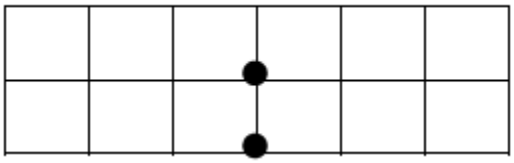
47.895 ***451.87***



125.203 ***125.21***



108.26 ***108.1***



Key Words:

Rounding_____

Estimate _____

Words that mean to round:_____

Strong Arms_____

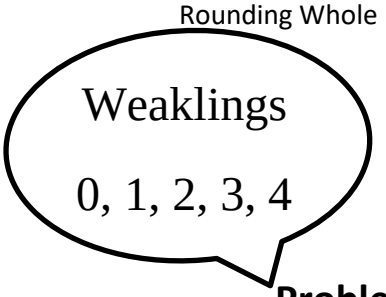
Ex:_____

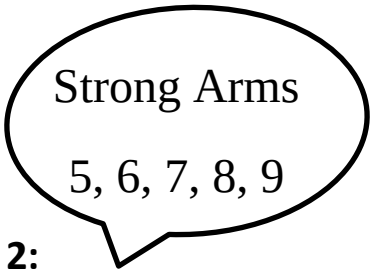
Weakling_____

Ex:_____

Steps to Rounding:

Ex:





Input Activity

Round to the nearest tens place.

Problem 1:

47 ≈_____

Problem 2:

9 ≈ _____

Problem 3:

59 ≈ _____

Problem 4:

586 ≈ _____

Round to the nearest hundreds place.

Problem 5:

73 ≈_____

Problem 6:

519 ≈_____

Problem 7:

1,784 ≈_____

Problem 8:

208 ≈_____

Round to the nearest thousands place.

Problem 9:

2,447 ≈ _____

Problem 10:

549 ≈_____

Problem 11:

8,785 ≈ _____

Problem 12:

8,535 ≈ _____

Round to the nearest underlined place.

Problem 13:

12,985 ≈_____

Problem 14:

1,478,123≈_____

Problem 15:

46,852≈ _____

Problem 16:

667,891≈_____

Problem Set

Round to the nearest underlined place.

a. 56,<u>7</u>09 ≈ _____ **b. <u>8</u>03,394 ≈ _____**

Round the following to the nearest thousands place.

a. 67,908 ≈ _____ **b. 19,245 ≈ _____**

Application Problem

For the county bake sale, the soccer team baked 222 cookies, 298 brownies, and 234 muffins.

Part A: Round each type of baked good to the nearest hundred.

Cookies _____

Brownies _____

Muffins _____

Part B: The soccer team baked about the same amount of two types of baked goods. What types were they? _____

Exit Ticket

Round the following to the nearest tens place.

a. 12,008 ≈ _____ **b. 49,612 ≈ _____**

Round the following to the nearest hundreds place.

c. 31,148 ≈_____ **d. 12,511 ≈ _____**

Round the following to the nearest underlined place.

e. 2,431,235 ≈ _____ **f. 45,753≈ _____**

Name:_____ Date: 10/1/20

BCCS-Boys College:_____

Weaklings

0, 1, 2, 3, 4

Homework

Strong Arms

5, 6, 7, 8, 9

Round the following to the nearest tens place.

a. 102 ≈ _____ **b. 96 ≈ _____**

Round the following to the nearest hundreds place.

c. 148 ≈_____ **d. 511 ≈ _____**

Round the following to the nearest underlined place.

e. 711,285 ≈ _____ **f. 235,903≈ _____**

g. 100,906 ≈ _____ **h. 94,542 ≈ _____**

The population of a certain city is 836,527. What is the population of this city rounded to the nearest thousand?

_____

Name:_____ Date: 10/2/20

BCCS-Boys College:_____

Do Now

Weaklings

0, 1, 2, 3, 4

Strong Arms

5, 6, 7, 8, 9

Round the following to the nearest tens place.

b. 57 ≈ _____ **b. 142 ≈ _____**

Round the following to the nearest hundreds place.

c. 227 ≈_____ **d. 871 ≈ _____**

Round the following to the nearest underlined place.

e. 1<u>2</u>,785 ≈ _____ **f. 1<u>43</u>,963 ≈ _____**

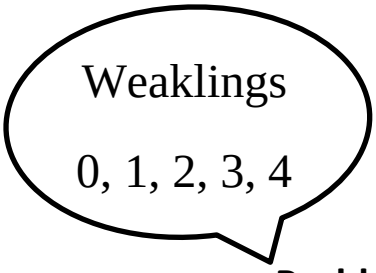
Key Words:

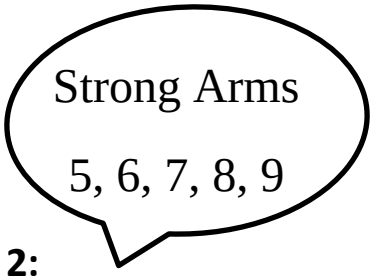
Strong Arms_____

Ex:_____

Weakling_____

Ex:_____





Input Activity:

Round to the nearest tenths place.

Problem 1:

4.72 ≈_____

Problem 2:

0.97 ≈ _____

Problem 3:

2.98 ≈ _____

Problem 4:

5.02 ≈ _____

Round to the nearest hundredths place.

Problem 5:

2.373 ≈_____

Problem 6:

5.809 ≈_____

Problem 7:

8.874 ≈_____

Problem 8:

2.085 ≈_____

Round to the nearest thousandths place.

Problem 9:

2.4470 ≈ _____

Problem 10:

5.7849 ≈_____

Problem 11:

1.8512 ≈ _____

Problem 12:

.1532 ≈ _____

Round to the nearest underlined place.

Problem 13:

1.28<u>7</u>6 ≈_____

Problem 14:

<u>1</u>.965 ≈_____

Problem 15:

46.<u>8</u>75 ≈ _____

Problem 16:

<u>6</u>.891 ≈ _____

Problem Set

Round to the nearest underlined place.

b. 0.<u>7</u>09 ≈ _____ **b. <u>8</u>.394 ≈ _____**

c. 81<u>5</u>.947 ≈ _____ **d. 4.8<u>9</u>7 ≈ _____**

Round the following to the nearest hundredths place.

e. 6.908 ≈ _____ **f. 12.45 ≈ _____**

g. .3358 ≈_____ **h. 8.13 ≈ _____**

Application Problem:

Light from the sun can travel a million miles in 5.368 seconds. How many seconds is that, rounded to the nearest tenth of a second?

Answer: _____ seconds

Exit Ticket

Round the following to the nearest tenths place.

b. 12.05 ≈ _____ **b. 4.96 ≈ _____**

Round the following to the nearest hundredths place.

c. 1.342 ≈_____ **d. 5.718 ≈ _____**

Round the following to the nearest underlined place.

e. 2.<u>2</u>35 ≈ _____ **f. 3<u>5</u>.75 ≈ _____**

Name:_____ Date: 10/2/20

BCCS-Boys College:_____

Weaklings

0, 1, 2, 3, 4

Strong Arms

5, 6, 7, 8, 9

Homework

Round the following to the nearest tenths place.

c. 1.34 ≈ _____ **b. 6.7 ≈ _____**

c. 9.15 ≈_____ **d. 12.62 ≈ _____**

Round the following to the nearest hundredths place.

e. 14.78 ≈_____ **f. .245 ≈ _____**

g. 68.710 ≈ _____ **h. 9.103 ≈ _____**

Round the following to the nearest underlined place.

i. 1.235 ≈ _____ **j. 3.594≈ _____**

k. 10.91 ≈ _____ **l. 74.517 ≈ _____**