

Name_____



Howard University

4th Grade Math

Remote Learning Packet

October 13-

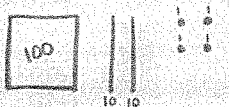
October 16

Scholar Name:

Name: _____
BCCSG

Date: 10/13/2020
Howard

Learning Target: I can name numbers into the hundred thousands and represent them on a place value chart.

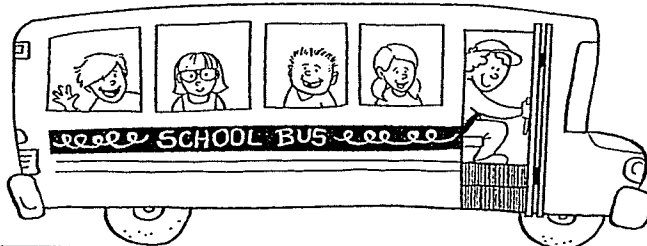
PLACE VALUE						
One Millions	Hundred Thousands	Ten Thousands	One Thousands	Hundreds	Tens	Ones
1	0	8	6	9	3	4
(Ways to show a Number)						
STANDARD FORM 645,124			WORD FORM Six hundred forty-five thousand, one hundred twenty-four *DO NOT USE "AND" UNLESS YOU HAVE A DECIMAL POINT*			
BASE TEN FORM 124 			EXPANDED FORM $600,000 + 40,000 + 5,000 + 100 + 20 + 4$ 			

Name _____

Date 10/13

NAMING NUMBERS

Identify the place value of the underlined digit <u>3</u>78,489 _____	Identify the place value of the underlined digit 537,<u>3</u>29 _____
Identify the value of the underlined digit 904,2<u>9</u>2 _____	Identify the value of the underlined digit 3<u>2</u>5,891 _____
Identify the place value of the underlined digit 45<u>3</u>,891 _____	Identify the place value of the underlined digit 563,00<u>3</u> _____



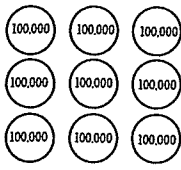
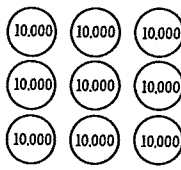
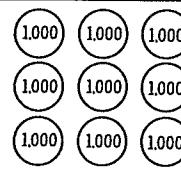
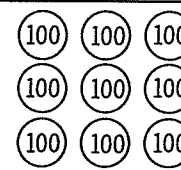
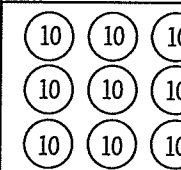
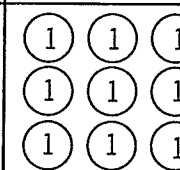
Standard 348,236	Written
Expanded	

Name _____

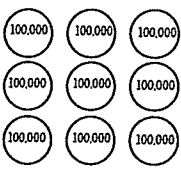
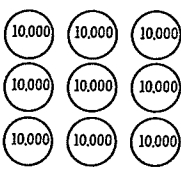
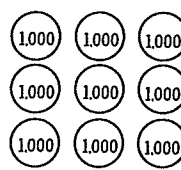
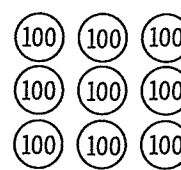
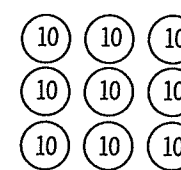
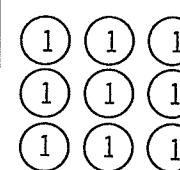
Date 10/13

NAMING NUMBERS

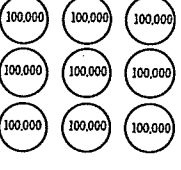
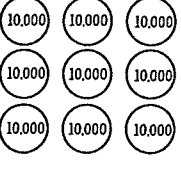
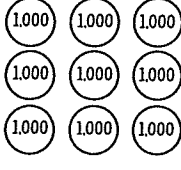
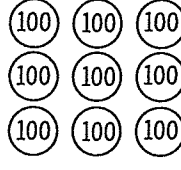
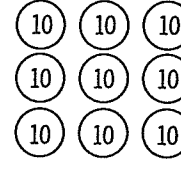
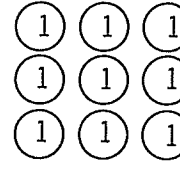
Shade in the place value circles and complete the table below to represent: 384,927

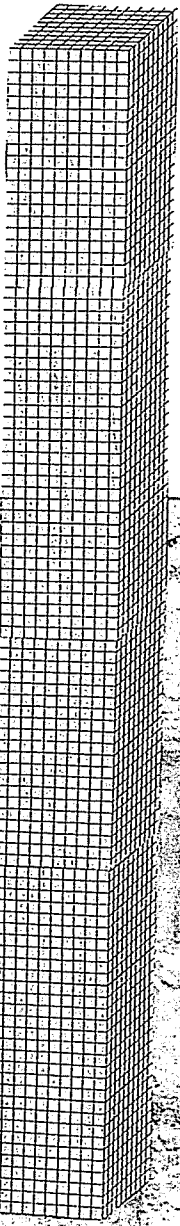
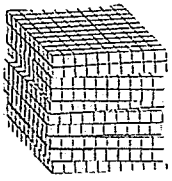
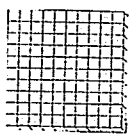
hundred thousands	ten thousands	thousands	hundreds	tens	ones
					
(x 100,000)	(x 10,000)	(x 1,000)	(x 100)	(x 10)	(x 1)

Shade in the place value circles and complete the table below to represent: five hundred thirty-four thousand, two hundred thirty-six

hundred thousands	ten thousands	thousands	hundreds	tens	ones
					
(x 100,000)	(x 10,000)	(x 1,000)	(x 100)	(x 10)	(x 1)

Shade in the place value circles and complete the table below to represent: 320,482

hundred thousands	ten thousands	thousands	hundreds	tens	ones
					
(x 100,000)	(x 10,000)	(x 1,000)	(x 100)	(x 10)	(x 1)

hundred thousand	ten thousands	thousands	hundreds	tens	ones
					

Lesson 3
G:4 M:1

Commas,

ZEARN STUDENT NOTES

Name: _____ Date: _____

Complete: ☐

Class: _____

1

Rewrite the number below including commas where appropriate.

608430325 = _____

2

Write these units in standard form. Be sure to place commas where appropriate.

4 ten thousands 7 thousands 2 hundreds 4 ones = _____

hundred thousands	ten thousands	thousands	hundreds	tens	ones

Lesson 4
G:4 M:1

What's Your Name?

ZEARN STUDENT NOTES

Name: _____ Date: _____

Complete: ☐

Class: _____

1

- a. On the place value chart below, label the units and represent the number 36,094.

--	--	--	--	--	--

- b. Write the number in expanded form.

- c. Write the number in word form.



EXTRA WORKSPACE



Name: _____
BCCSG

Date: 10/14/2020
Howard

Learning Target: I can determine the form of a given number and determine the value of a given digit using a place value chart.

POWERS of TEN

Billions	Hundred Millions	Ten Millions	Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones
			1	0	0	0	0	0	0

↖ ↖ ↖ ↖ ↖ ↖ ↖ ↖ ↖ ↖
×10 ×10 ×10 ×10 ×10 ×10 ×10 ×10 ×10 ×10

Each place in a place-value chart has a value that is 10 times as great as the place value to its right.

$1,000,000 = 10 \times 10 \times 10 \times 10 \times 10 \times 10$

The base is the number that is repeatedly multiplied: **10**
The exponent is the number of times the base is used as a factor: **6**

Standard Form: 562,384

Expanded Form: $(5 \times 10^5) + (6 \times 10^4) + (2 \times 10^3) + (3 \times 10^2) + (8 \times 10^1) + (4 \times 10^0)$
(with exponents)

Value	Exponential Form
1,000,000	10^6
100,000	10^5
10,000	10^4
1,000	10^3
100	10^2
10	10^1
1	10^0

Name _____

Date 10/14

BUILDING NUMBERS PRACTICE

Use the example in the first row to complete the table below.

	hundred thousands	ten thousands	thousands	hundreds	tens	ones	
10 ones = 10					1	0	$10 \times 1 = 10$
10 tens =							$10 \times 10 =$
10 hundreds =							$10 \times 100 =$
10 thousands =							$10 \times 1,000 =$
10 ten thousands =							$10 \times 10,000 =$
38 tens =							$38 \times 10 =$
26 hundreds =							$26 \times 100 =$

Name _____

Date 10/14

FORMS OF NUMBERS

Complete the table below.

Standard Form	Word Form	Expanded Form
452,984		
	six hundred thirty-two thousand, one hundred fifty-six	
		$300,000 + 4,000 + 200 + 80 + 7$

Complete the table below.

	Digit in the thousands place	Digit in the ten thousands place	Digit in the hundreds place	Digit in the tens place	Digit in the ones place
380,521					
237,569					

Find the value of the underlined digit.

Number	Value
7 <u>6</u> 3,297	
320, <u>3</u> 73	
<u>4</u> 22,734	

Find the place value of the underlined digit.

Number	Place Value
<u>3</u> 89,364	
120,8 <u>9</u> 5	
3 <u>6</u> 4,387	

Solve the problem below.

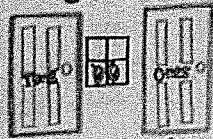
Write a six digit number where the ten thousands place has a value of six and the hundred thousands place has a value of eight.

Name: _____
BCCSG

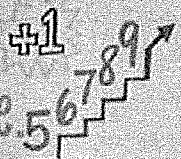
Date: 10/15/2020
Howard

Learning Target: I can use a number line to solve round numbers into the thousands place.

Rules for Rounding

Find your place, 

Look next door. 

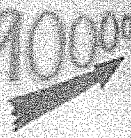
5 or greater, 

Add one more. 

Numbers in front, 

Stay the same. 

Numbers behind, 

Zero's your name! 

Examples:

$265 \rightarrow 270$ (up arrow under 5)

$265 \rightarrow 260$ (down arrow under 5)

What do you notice about the exits on rounding roadway?

RESPONSE #1

Where are the rest stops located on Rounding Roadway?

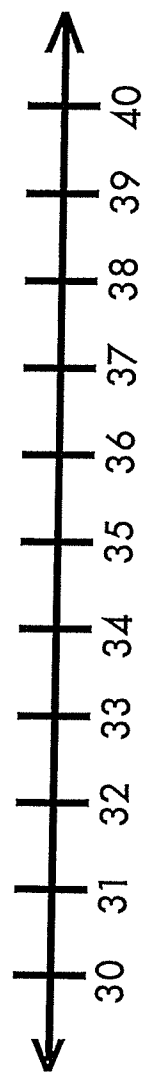
RESPONSE #2

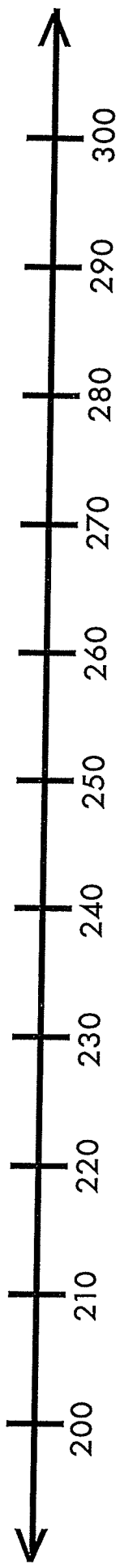
Which two exits with rest stops are the Millers between?

RESPONSE #3

Which rest stop are the Millers closest to?

RESPONSE #4





RESPONSE #5

Label mile 264 on the diagram.

RESPONSE #6

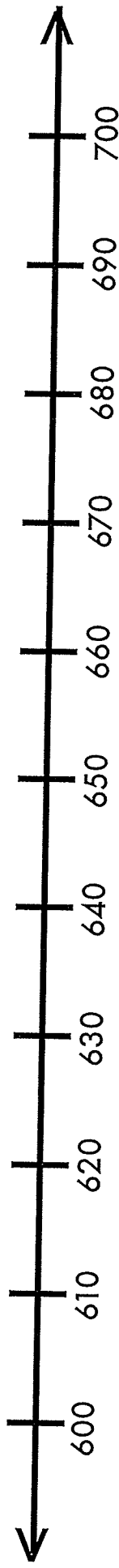
Underline the two closest hundreds on the diagram.

RESPONSE #7

Circle the closest hundred on the diagram.

13

Label mile 650 on the diagram.



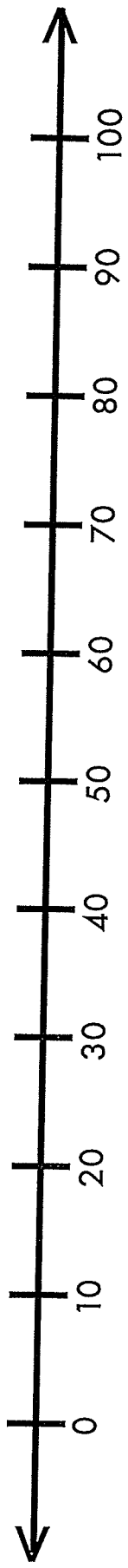
RESPONSE #8

Underline the two closest hundreds on the diagram.

RESPONSE #9

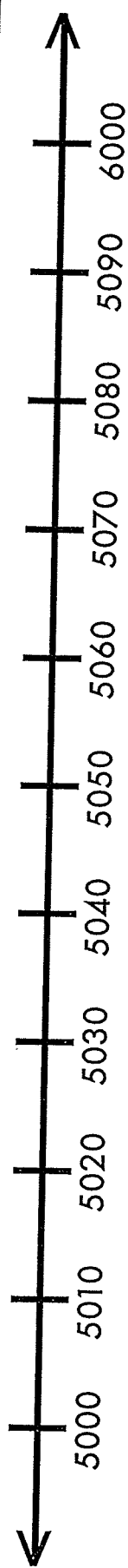
Which hundred does 650 round to? Circle it.

Problem #1



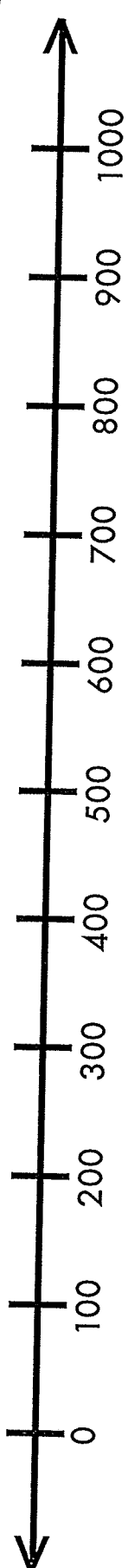
- A. Label 42 on the number line. B. Which two tens is 42 between? _____
 C. Round 42 to the nearest ten. _____

Problem #2



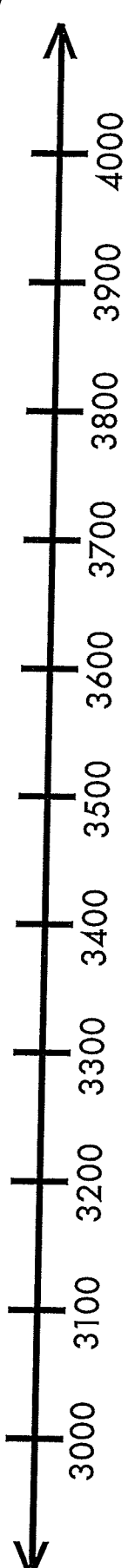
- A. Label 5,075 on the number line. B. Which two tens is 5,075 between? _____
 C. Round 5,075 to the nearest ten. _____

Problem #3



- A. Label 832 on the number line. B. Which two hundreds is 832 between? _____
 C. Round 832 to the nearest hundred. _____

Problem #4



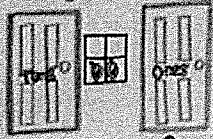
- A. Label 3,961 on the number line. B. Which two hundreds is 3,961 between? _____
 C. Round 3,961 to the nearest hundred. _____

Name: _____
BCCSG

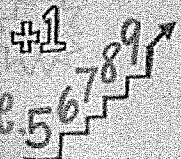
Date: 10/16/2020
Howard

Learning Target: I can use a number line to solve round numbers into the thousands place.

Rules for Rounding

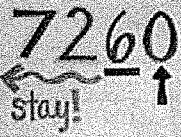
Find your place, 

Look next door. 

5 or greater, 

Add one more.

Numbers in front, 

Stay the same. 

Numbers behind, 

Zero's your name! 

265 

265 

265 

270 

Name: _____ Date: 10/16 ROUNDING: THINK ABOUT IT

THINK ABOUT IT
#1

Draw a number line that shows all the numbers that round to 60.



THINK ABOUT IT
#2

Which 3-digit numbers round to 1000? Show your work on a number line.



THINK ABOUT IT
#3

Round each number to the nearest 10 and 100.

NUMBER	NEAREST 10	NEAREST 100
107		
912		
978		
3,526		
8,009		

Name: _____ Date: 10/16 _____ ROUNDING IN THE REAL WORLD

Mental Math & Estimation

CAN YOU COME UP WITH ANOTHER EXAMPLE?

Working With Changing Numbers

CAN YOU COME UP WITH ANOTHER EXAMPLE?

Situations That Do Not Require Exact Numbers

CAN YOU COME UP WITH ANOTHER EXAMPLE?

Lesson 7
G:4 M:1

Round and Round

ZEARN STUDENT NOTES

Name: _____ Date: _____

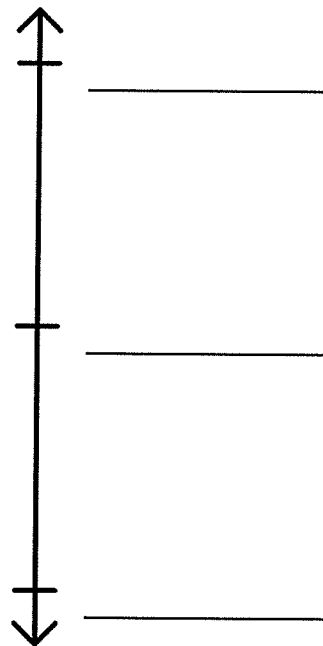
Complete: ☐

Class: _____

1

Round to the nearest thousand. Use the number line to model your thinking.

23,500 $\approx$ _____



Lesson 9
G:4 M:1

EXIT TICKET

Name: _____ Date: _____

Complete: ☐

Class: _____

1. Round 765,903 to the given place value:

Thousand _____

Ten thousand _____

Hundred thousand _____

2. There are 16,850 Star coffee shops around the world.
Round the number of shops to the nearest thousand and
ten thousand. Which answer is more accurate? Explain your
thinking using pictures, numbers, or words.

SHOW YOUR WORK

