Name _____

13

2nd Grade Modified Math Remote Learning Packet

Week 13

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.
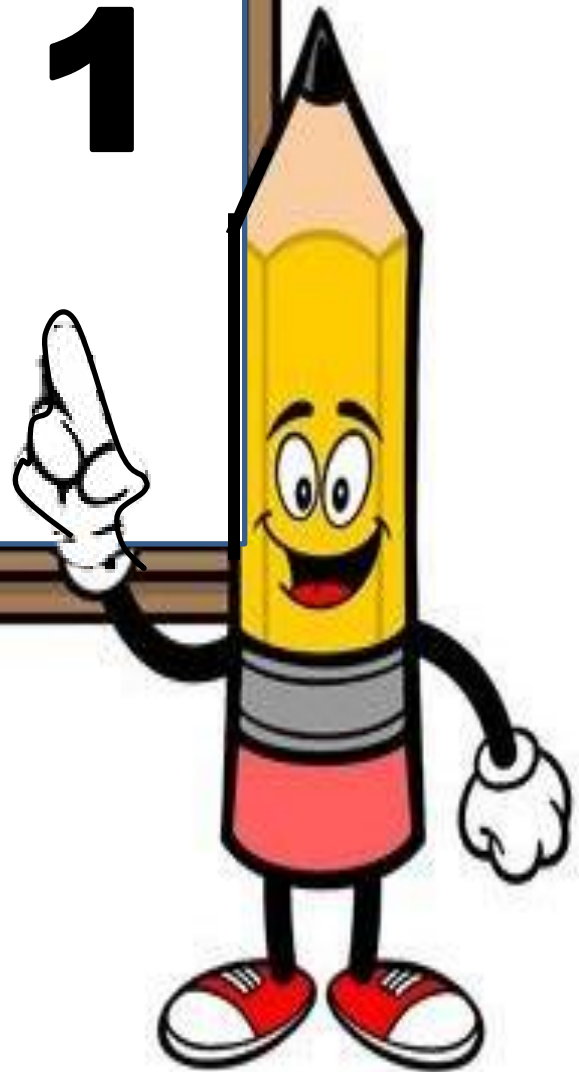
_____
(Parent Signature)

_____
(Date)

Parents please note that all academic packets 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.

Brighter Choice
Charter School for Boys

Day # 1

Name _____ Week 13 Day 1 Date:_____

BCCS-B   NYU   Cornell   Columbia

Module 4 Lesson 10 Sprint A   Number Correct:_____

1.	11 – 10 =		23.	19 – 9 =	
2.	12 – 10 =		24.	15 – 6 =	
3.	13 – 10 =		25.	15 – 7 =	
4.	19 – 10 =		26.	15 – 9 =	
5.	11 – 1 =		27.	20 – 10 =	
6.	12 – 2 =		28.	14 – 5 =	
7.	13 – 3 =		29.	14 – 6 =	
8.	17 – 7 =		30.	14 – 7 =	
9.	11 – 2 =		31.	14 – 9 =	
10.	11 – 3 =		32.	15 – 5 =	
11.	11 – 4 =		33.	17 – 8 =	
12.	11 – 8 =		34.	17 – 9 =	
13.	18 – 8 =		35.	18 – 8 =	
14.	13 – 4 =		36.	16 – 7 =	
15.	13 – 5 =		37.	16 – 8 =	
16.	13 – 6 =		38.	16 – 9 =	
17.	13 – 8 =		39.	17 – 10 =	
18.	16 – 6 =		40.	12 – 8 =	
19.	12 – 3 =		41.	18 – 9 =	
20.	12 – 4 =		42.	11 – 9 =	

Name _____ Week 13 Day 1 Date:_____

BCCS-B   NYU   Cornell   Columbia

Module 4 Lesson 10 Problem Set

1. Solve using the algorithm. Draw chips and bundle when you can.
    a. 127 + 18 = _____

hundreds	tens	ones

hundreds	tens	ones

    b. 136 + 16 = _____

    c. 109 + 41 = _____

hundreds	tens	ones

    d. 29 + 148 = _____

hundreds	tens	ones

Name _____ Week 13 Day 1 Date:_____

Module 4 Lesson 10 Problem Set Continued

e. 79 + 107 = _____

hundreds	tens	ones

Before bundling a ten   _____ hundreds   _____ tens   _____ ones

After bundling a ten   _____ hundreds   _____ tens   _____ ones

2. a. On Saturday, Colleen earned 4 ten-dollar bills and 18 one-dollar bills working on the farm. How much money did Colleen earn?

hundreds	tens	ones

b. On Sunday, Colleen earned 2 ten-dollar bills and 16 one-dollar bills. How much money did she earn on both days?

hundreds	tens	ones

Name _____ Week 13 Day 1 Date:_____

BCCS-B   NYU   Cornell   Columbia

Module 4 Lesson 10 Exit Ticket

1. Solve using the algorithm. Draw chips and bundle when you can.

   27 + 137

hundreds	tens	ones

2. Using the previous problem, fill in the blanks. Use place value language to explain how you used bundling to rename the solution.

   Before bundling a ten   _____ hundreds   _____ tens   _____ ones

   After bundling a ten   _____ hundreds   _____ tens   _____ ones

   <u>Explanation</u>

Name _____ Week 13 Day 1 Date:_____

BCCS-B   NYU   Cornell   Columbia

Module 4 Lesson 10 Homework

1. Solve using the algorithm. Draw chips and bundle when you can.

   a. 125 + 17 = _____

hundreds	tens	ones

   b. 148 + 14 = _____

hundreds	tens	ones

   c. 107 + 56 = _____

hundreds	tens	ones

Module 4 Lesson 10 Homework Continued

2. a. ~~In the morning, Mateo borrowed 4 bundles of ten markers and 17 loose markers from the art teacher. How many markers did Mateo borrow?~~

hundreds	tens	ones

b. In the afternoon, Mateo borrowed 2 bundles of ten crayons and 15 loose crayons. How many markers and crayons did Mateo borrow in all? ➕

hundreds	tens	ones

Brighter Choice
Charter School for Boys
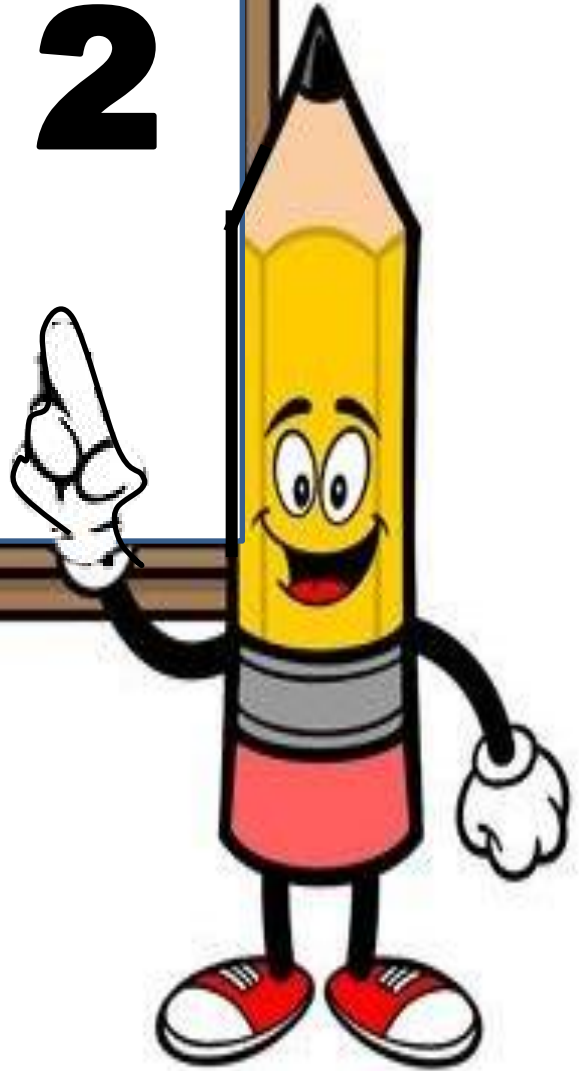
Day # 2

Name _____ Week 13 Day 2 Date:_____

BCCS-B   NYU   Cornell   Columbia

Module 4 Lesson 11 Problem Set

1. Solve using mental math.

   a. 8 – 7 = _____   38 – 7 = _____   38 – 8 = _____   38 – 9 = _____

   b. 7 – 6 = _____   87 – 6 = _____   87 – 7 = _____   87 – 8 = _____

2. Solve using your place value chart and place value disks. Unbundle a ten if needed.
   Think about which problems you can solve mentally, too!

   a. 28 – 7 = _____   28 – 9 = _____

   b. 25 – 5 = _____   25 – 6 = _____

   c. 30 – 5 = _____   33 – 5 = _____

   d. 47 – 22 = _____   41 – 22 = _____

   e. 44 – 16 = _____   44 – 26 = _____

Name _____ Week 13 Day 2 Date:_____

BCCS-B   NYU   Cornell   Columbia

Module 4 Lesson 11 Problem Set Continued

3. Solve 56 – 28, and explain your strategy.

For early finishers:

4. There are 63 problems on the math test. Tamara answered 48 problems correctly, but the rest were incorrect. How many problems did she answer incorrectly?

Name _____   Week 13 Day 2 Date:_____

Module 4 Lesson 11 Exit Ticket

Solve for the missing part. Use your place value chart and place value disks.

1.

```
   (56)        (   )
      \        /
       \      /
        \    /
         (71)
```
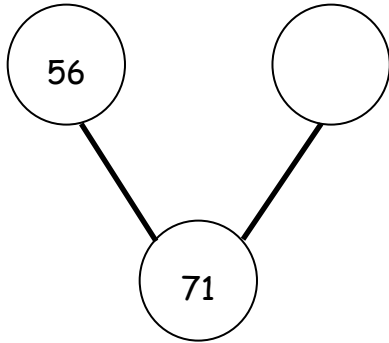
2.   56-12= _____   3. 29-13=_____

Name _____ Week 13 Day 2 Date:_____

BCCS-B   NYU   Cornell   Columbia

Module 4 Lesson 11 Homework

1. Solve using mental math.

    a. 6 – 5 = _____   26 – 5 = _____   26 – 6 = _____   26 – 7 = _____

    b. 8 – 7 = _____   58 – 7 = _____   58 – 8 = _____   58 – 9 = _____

2. Solve using your place value chart and place value disks. Unbundle a ten, if needed.
   Think about which problems you can solve mentally, too!

    a. 36 – 5 = _____   36 – 7 = _____

    b. 37 – 6 = _____   37 – 8 = _____

    c. 40 – 5 = _____   41 – 5 = _____

    d. 58 – 32 = _____   58 – 29 = _____

    e. 60 – 26 = _____   62 – 26 = _____

    f. 70 – 41 = _____   80 – 41 = _____

Name _____ Week 13 Day 2 Date:_____

BCCS-B   NYU   Cornell   Columbia

Module 4 Lesson 11 Homework Continued

3. Solve and explain your strategy.

a.   41 – 27 = _____
b.   67 – 28 = _____
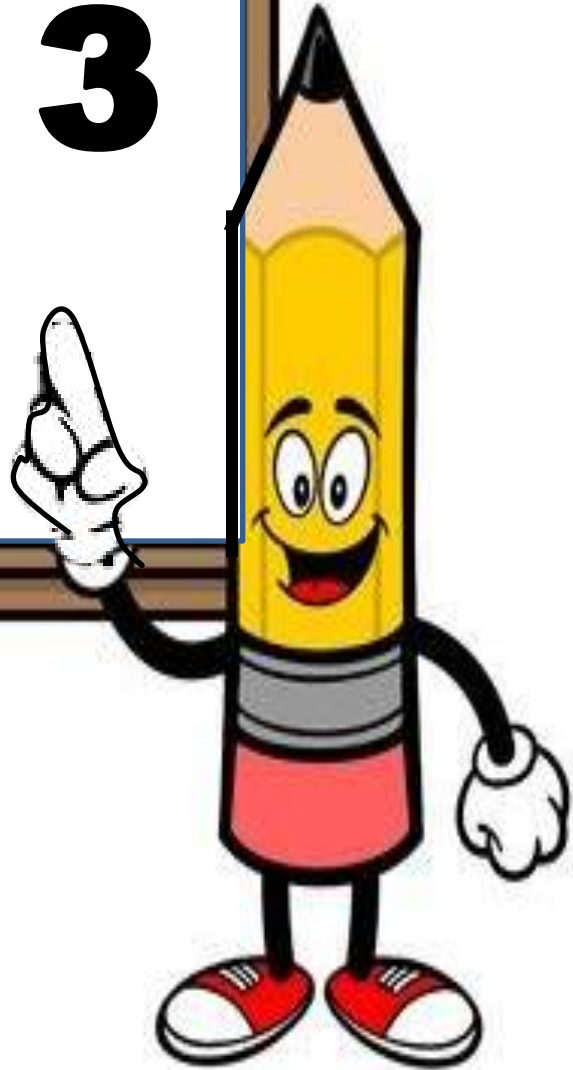
Day # 3

Name _____ Week 13 Day 3 Date:_____

BCCS-B   NYU   Cornell   Columbia

Module 4 Lesson 12 Problem Set

1. Use place value disks to solve each problem. Rewrite the problem vertically, and
   record each step as shown in the example.

   a. 22 – 18   b. 20 – 12

$$
\begin{array}{r}
  {\overset{1}{}\overset{12}{}} \\
  2\,2 \\
  -\ 18 \\
  \hline
  4
\end{array}
$$

   c. 34 – 25   d. 25 – 18

   e. 53 – 29   f. 71 – 27

Name _____ Week 13 Day 3 Date:_____

BCCS-B   NYU Cornell Columbia

Module 4 Lesson 12 Problem Set Continued

2. Terry and Pam both solved the problem 64 – 49. They came up with different answers and cannot agree on who is correct. Terry answered 25, and Pam answered 15. Use place value disks to explain who is correct, and rewrite the problem vertically to solve.

For early finishers:

3. Samantha has 42 marbles, and Graham has 17 marbles.
   a. How many more marbles does Samantha have than Graham?

   b. James has 25 fewer marbles than Samantha. How many marbles does James have?

Name _____ Week 13 Day 3 Date:_____

BCCS-B   NYU   Cornell   Columbia

Module 4 Lesson 12 Exit Ticket

Sherry made a mistake while subtracting. Explain her mistake.

Sherry's Work:	Explanation:
$\begin{array}{r} \overset{14}{4\llap{/}4} \\ -26 \\ \hline 28 \end{array}$	_____ _____ _____ _____ _____ _____

Name _____   Week 13 Day 3 Date:_____

BCCS-B   NYU   Cornell   Columbia

Module 4 Lesson 12 Homework

1. Use place value disks to solve each problem. Rewrite the problem vertically, and
    record each step as shown in the example.

    a. 34 – 18   b. 41 – 16

$$
\begin{array}{r}
2\ \overset{14}{\cancel{34}} \\
-\ 18 \\
\hline
16
\end{array}
$$

    c. 33 – 15   d. 46 – 18

Name _____ Week 13 Day 3 Date:_____

BCCS-B   NYU   Cornell   Columbia

Module 4 Lesson 12 Homework Continued

2. Some first and second grade students voted on their favorite drink. The table shows the number of votes for each drink.

Types of Drink	Number of Votes
Milk	28
Apple Juice	19
Grape Juice	16
Fruit Punch	37
Orange Juice	44

a. How many more students voted for fruit punch than for milk? Show your work.

b. How many more students voted for orange juice than for grape juice? Show your work.

c. How many fewer students voted for apple juice than for milk? Show your work.

Day # 4
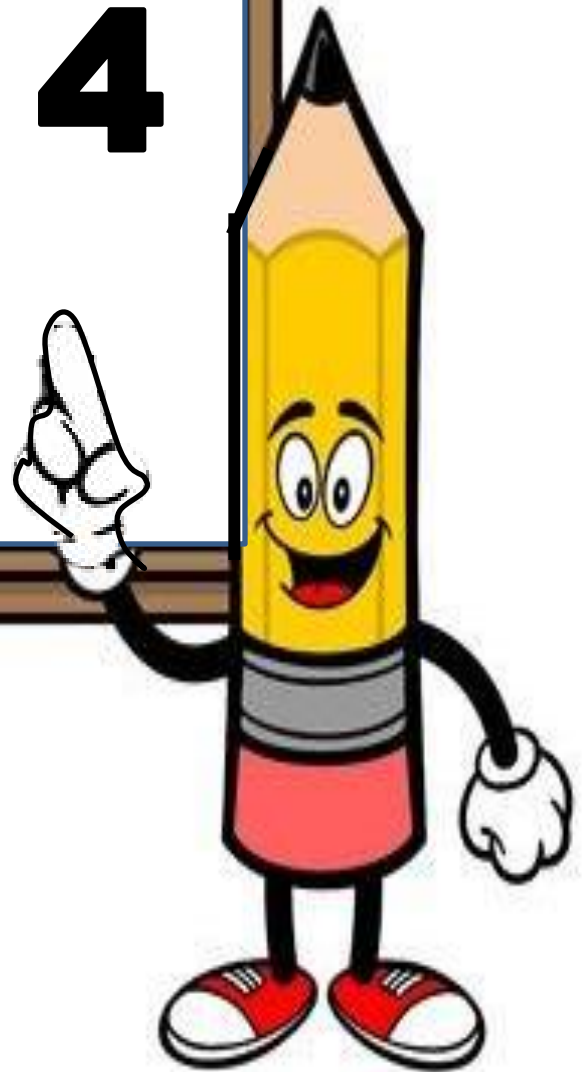
Name _____ Week 13 Day 4 Date:_____

BCCS-B   NYU   Cornell   Columbia

Module 4 Lesson 13 Sprint A   Number Correct: _____

1.	10 – 5 =		23.	14 – 6 =	
2.	20 – 5 =		24.	24 – 6 =	
3.	30 – 5 =		25.	34 – 6 =	
4.	10 – 2 =		26.	15 – 7 =	
5.	20 – 2 =		27.	25 – 7 =	
6.	30 – 2 =		28.	35 – 7 =	
7.	11 – 2 =		29.	11 – 4 =	
8.	21 – 2 =		30.	21 – 4 =	
9.	31 – 2 =		31.	31 – 4 =	
10.	10 – 8 =		32.	12 – 6 =	
11.	11 – 8 =		33.	22 – 6 =	
12.	21 – 8 =		34.	32 – 6 =	
13.	31 – 8 =		35.	21 – 6 =	
14.	14 – 5 =		36.	31 – 6 =	
15.	24 – 5 =		37.	12 – 8 =	
16.	34 – 5 =		38.	32 – 8 =	
17.	15 – 6 =		39.	21 – 8 =	
18.	25 – 6 =		40.	31 – 8 =	
19.	35 – 6 =		41.	28 – 9 =	
20.	10 – 7 =		42.	27 – 8 =	

Name _____   Week 13 Day 4 Date:_____

BCCS-B   NYU   Cornell   Columbia

Module 4 Lesson 13 Problem Set

1. Solve vertically. Draw a place value chart and chips to model each problem. Show how you change 1 ten for 10 ones, when necessary.

a. 31 – 19 = _____	b. 46 – 24 = _____
c. 51 – 33 = _____	d. 67 – 49 = _____

BCCS-B   NYU   Cornell   Columbia

Module 4 Lesson 13 Problem Set Continued

e. 66 – 48 = _____	f. 77 – 58 = _____

2. Solve 31 – 27 and 25 – 15 vertically using the space below. Circle to tell if the number sentence is true or false.

True or False

31 – 27   =   25 – 15

Name _____ Week 13 Day 4 Date:_____

BCCS-B   NYU   Cornell   Columbia

Module 4 Lesson 13 Exit Ticket

Solve vertically. Draw a place value chart and chips to model each problem. Show how you change 1 ten for 10 ones, when necessary.

1. 75 – 28 = _____

2. 63 – 35 = _____
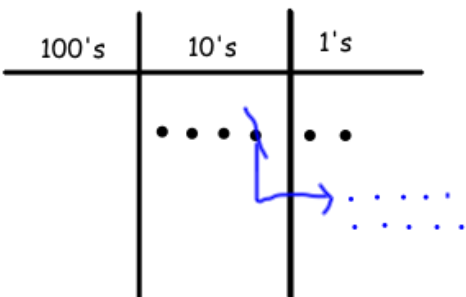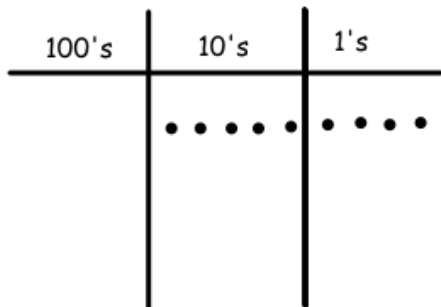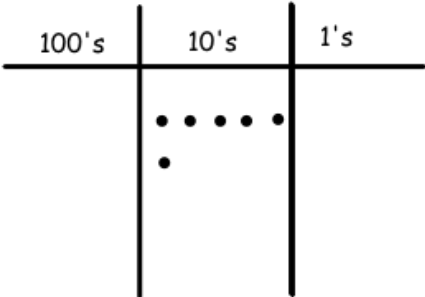
Name _____ Week 13 Day 4 Date:_____

BCCS-B   NYU   Cornell   Columbia

Module 4 Lesson 13 Homework

1. Solve vertically. Use the place value chart and chips to model each problem.
   Show how you change 1 ten for 10 ones, when necessary. The first one has been
   started for you.

a. 42 – 26 = _____	
b. 54 – 28 = _____	
c. 60 – 17 = _____	

26

Name _____ Week 13 Day 4 Date:_____

BCCS-B   NYU   Cornell   Columbia

Module 4 Lesson 13 Homework Continued

2. Solve vertically. Draw a place value chart and chips to model each problem.
    Show how you change 1 ten for 10 ones, when necessary.

a. 31 – 19 = _____	b. 47 – 24 = _____
c. 51 – 39 = _____	d. 67 – 44 = _____

Day # 5
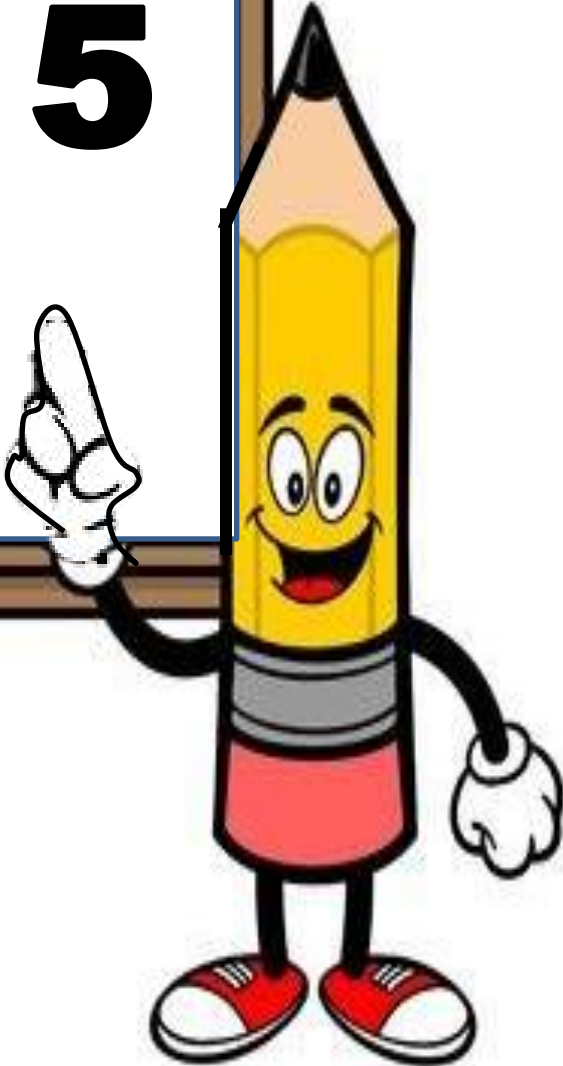
Name _____ Week 13 Day 5 Date:_____

BCCS-B   NYU   Cornell   Columbia

Quiz

Solve vertically. Draw a place value chart and chips to model each problem. Show how you change 1 ten for 10 ones, when necessary.

#1   85 – 28 = _____

#2   53 – 35 = _____

#3   Solve using mental math.

6 – 5 = _____   36 – 5 = _____   46 – 6 = _____   26 – 7 = _____

Name _____ Week 13 Day 5 Date:_____

BCCS-B   NYU   Cornell   Columbia

Module 4 Homework

Subtraction Patterns

1.	10 – 1 =		23.	13 – 5 =	
2.	20 – 1 =		24.	23 – 5 =	
3.	30 – 1 =		25.	33 – 5 =	
4.	10 – 3 =		26.	16 – 8 =	
5.	20 – 3 =		27.	26 – 8 =	
6.	30 – 3 =		28.	36 – 8 =	
7.	12 – 3 =		29.	12 – 5 =	
8.	22 – 3 =		30.	22 – 5 =	
9.	32 – 3 =		31.	32 – 5 =	
10.	10 – 9 =		32.	11 – 5 =	
11.	11 – 9 =		33.	21 – 5 =	
12.	21 – 9 =		34.	31 – 5 =	
13.	31 – 9 =		35.	12 – 7 =	
14.	13 – 4 =		36.	22 – 7 =	
15.	23 – 4 =		37.	11 – 7 =	
16.	33 – 4 =		38.	31 – 7 =	
17.	16 – 7 =		39.	22 – 9 =	
18.	26 – 7 =		40.	32 – 9 =	
19.			41.		

Name_____

2nd Grade Modified Math Remote Learning Packet

Week 14

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 packets 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.

Brighter Choice
Charter School for Boys
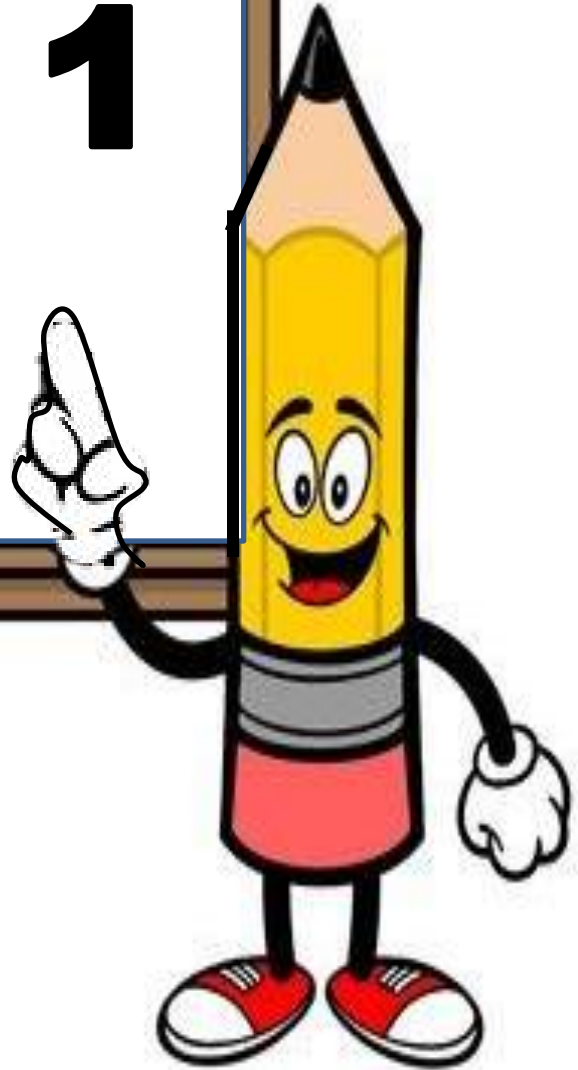
Day # 1

Name _____ Week 14 Day 1 Date:_____
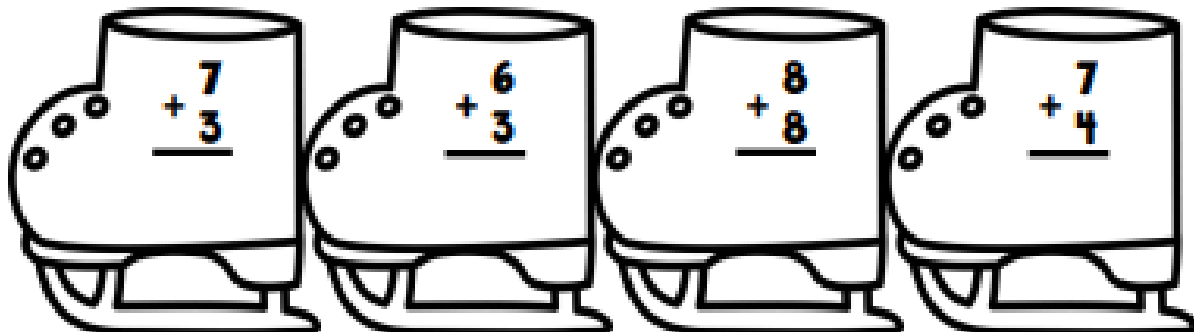
NYU   Cornell   Columbia

Module 4 Lesson 14 Problem Set

1. Solve by writing the problem vertically. Check your result by drawing chips on the place value chart. Change 1 ten for 10 ones, when needed.

    a. 134 – 23= _____

hundreds	tens	ones

    b. 140 – 12 = _____

hundreds	tens	ones

    c. 121 – 14 = _____

hundreds	tens	ones

Name _____ Week 14 Day 1 Date:_____

BCCS-B   NYU   Cornell   Columbia

Module 4 Lesson 14 Problem Set Continued

d. 161 – 26 = _____

hundreds	tens	ones

e. 187 – 49 = _____

hundreds	tens	ones

Name _____ Week 14 Day 1 Date:_____

NYU   Cornell   Columbia

Module 4 Lesson 14 Exit Ticket

Solve by writing the problem vertically. Check your result by drawing chips on the place value chart. Change 1 ten for 10 ones, when needed.

1. 145 – 28 = _____

hundreds	tens	ones

2. 151 – 39 = _____

hundreds	tens	ones

Name _____ Week 14 Day 1 Date:_____

BCCS-B   NYU   Cornell   Columbia

Module 4 Lesson 14 Homework

1. Solve by writing the problem vertically. Check your result by drawing chips on the place value chart. Change 1 ten for 10 ones, when needed.

a. 156 – 42 = _____

hundreds	tens	ones

b. 150 – 36 = _____

hundreds	tens	ones

c. 163 – 45 = _____

hundreds	tens	ones

Name _____ Week 14 Day 1 Date:_____

BCCS-B   NYU   Cornell   Columbia

Module 4 Lesson 14 Homework Continued

2. Solve the following problems without a place value chart.

a.	b.
1 3 4 - 2 9	1 5 4 - 3 7

3. Solve and show your work. Draw a place value chart and chips, if needed.
   a. Aniyah has 165 seashells. She has 28 more than Ralph. How many seashells does Ralph have?

   b. ~~Aniyah and Ralph each give 19 seashells to Harold. How many seashells does Aniyah have left?~~

   c. ~~How many seashells does Ralph have left?~~

Day # 2

Brighter Choice
Charter School for Boys
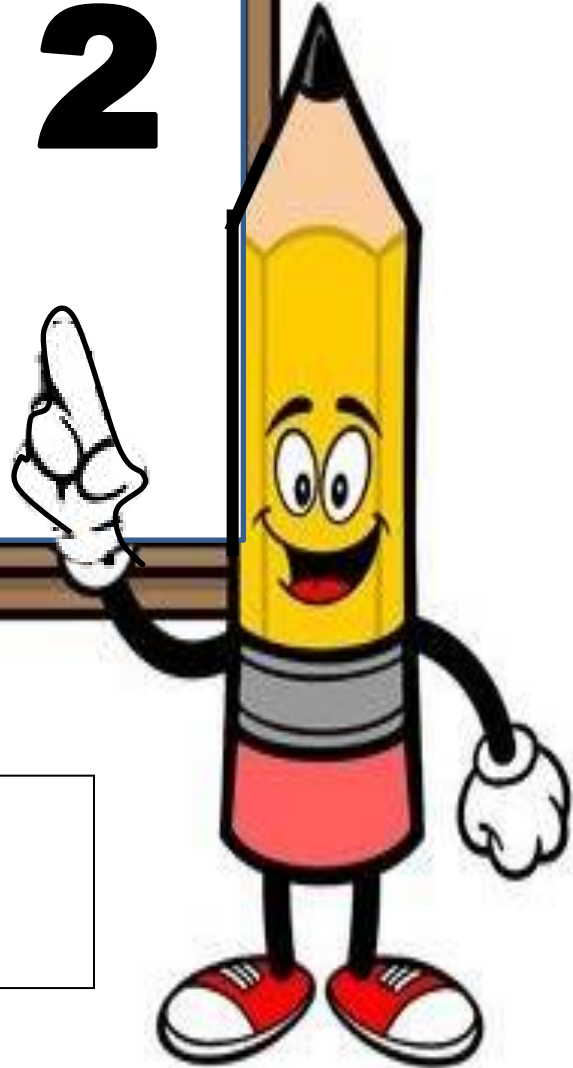
Mid Module Assessment

Brighter Choice
Charter School for Boys
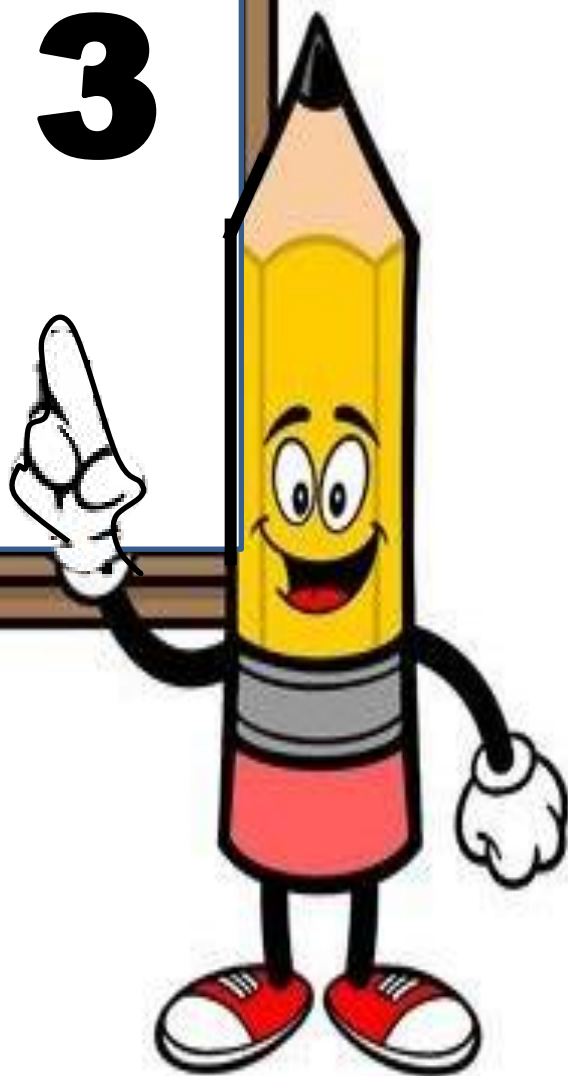
Day # 3

Subtraction

Subtract to find the differences.

a.
```
   5 0 7
 - 2 9 4
 _____
```

b.
```
   4 8 3
 - 1 2 7
 _____
```

c.
```
   9 2 0
 -   5 0
 _____
```

d.
```
   3 7 8
 - 2 5 9
 _____
```

e.
```
   5 1 7
 - 1 0 8
 _____
```

f.
```
   8 3 7
 -   4 7
 _____
```

g.
```
   6 1 1
 - 5 4 0
 _____
```

h.
```
   7 4 7
 - 3 9 4
 _____
```

i.
```
   6 8 0
 - 2 1 5
 _____
```

j.
```
   9 0 6
 - 2 4 1
 _____
```

Brighter Choice
Charter School for Boys

Day # 4

Winter Break
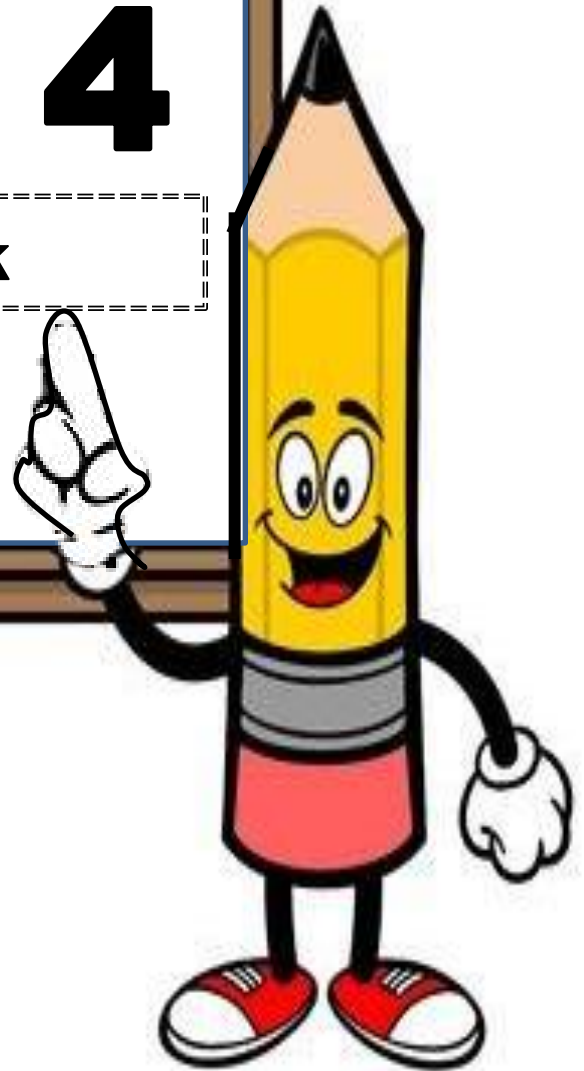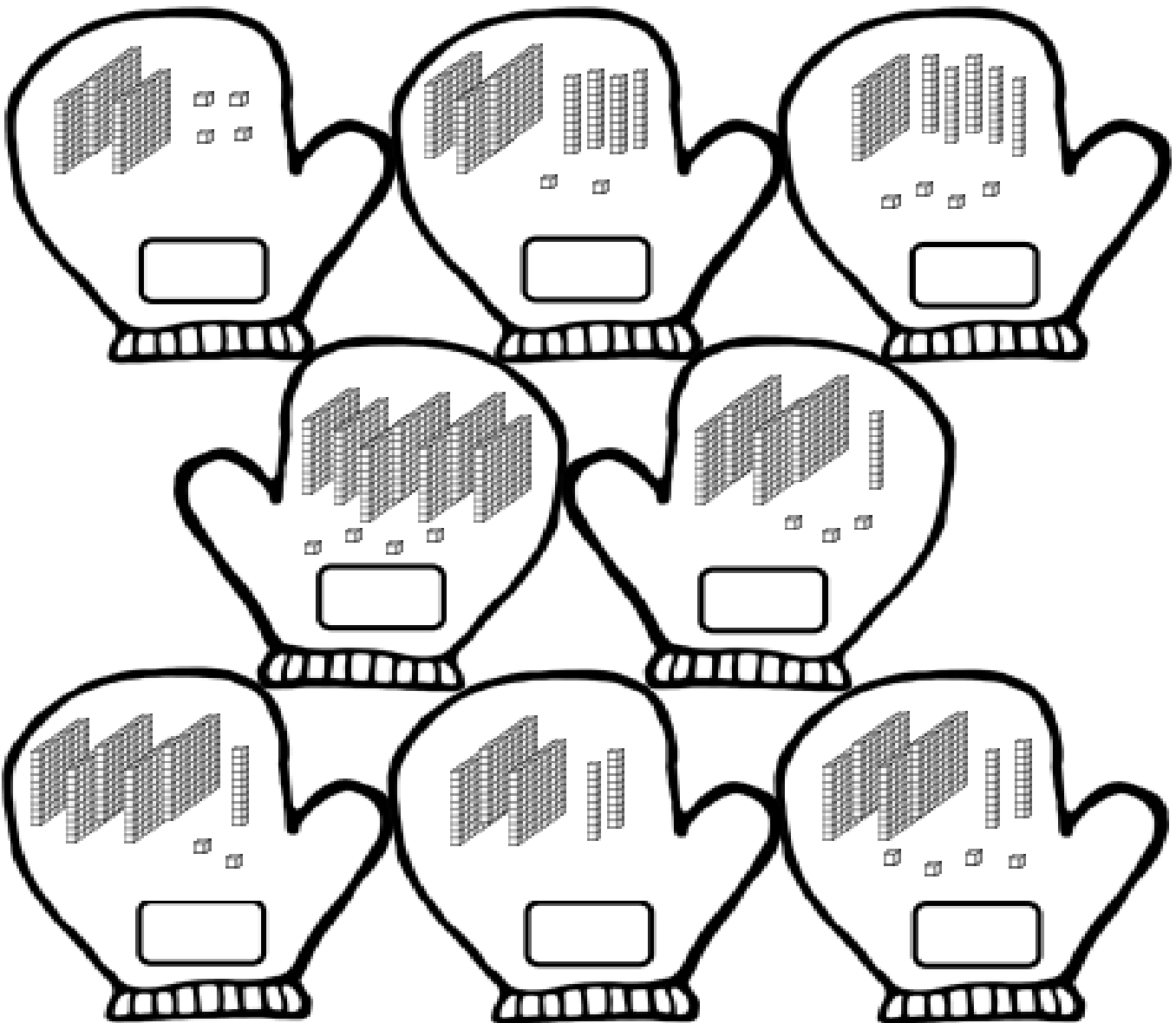
Place Value Mittens

Directions
Write the number that is shown by the place value blocks in each mitten.

Brighter Choice
Charter School for Boys

Day # 5

Winter Break

Let's Skate!

EVEN Sums
GREEN

ODD Sums
RED
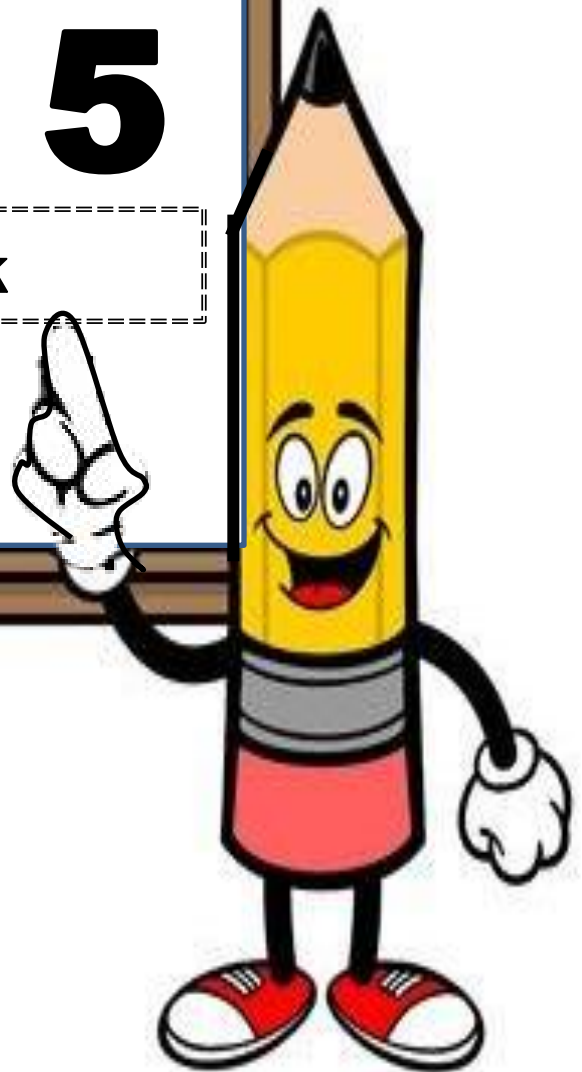
Directions

Solve each equation. Then use the code to color the skates.

$$+\begin{array}{r}6\\4\end{array}$$

$$+\begin{array}{r}5\\4\end{array}$$

$$+\begin{array}{r}7\\5\end{array}$$

$$+\begin{array}{r}9\\6\end{array}$$

$$+\begin{array}{r}7\\8\end{array}$$

$$+\begin{array}{r}8\\4\end{array}$$

$$+\begin{array}{r}6\\5\end{array}$$

$$+\begin{array}{r}8\\6\end{array}$$

$$+\begin{array}{r}7\\3\end{array}$$

$$+\begin{array}{r}6\\3\end{array}$$

$$+\begin{array}{r}8\\8\end{array}$$

$$+\begin{array}{r}7\\4\end{array}$$

Name_____

15
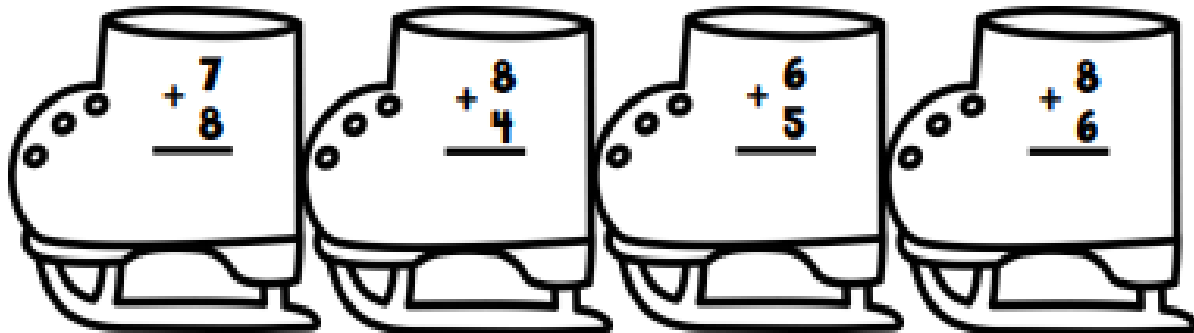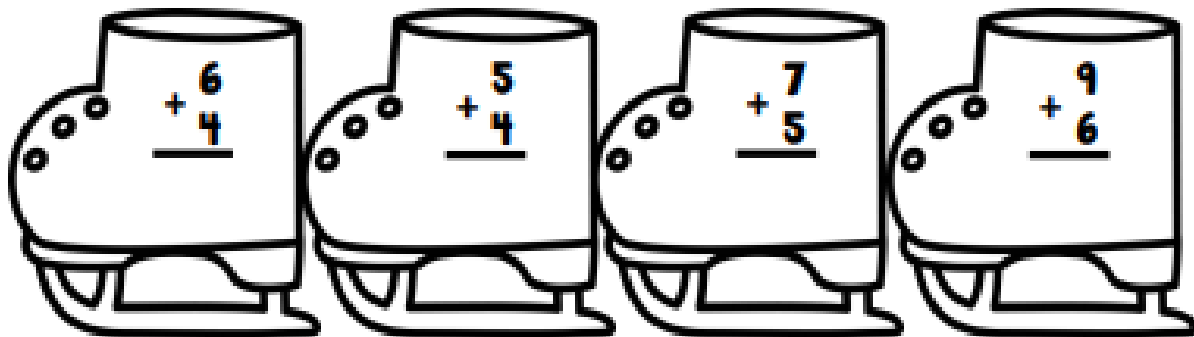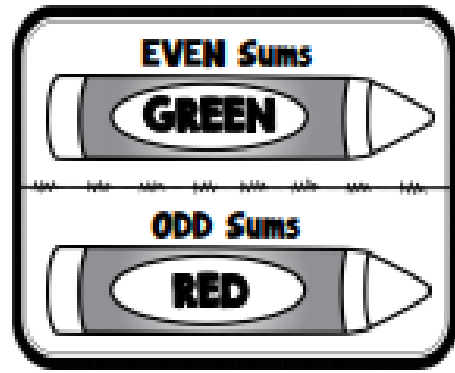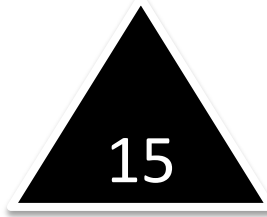
2nd Grade Modified Math Remote Learning Packet

Week 15

- -

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 packets 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.
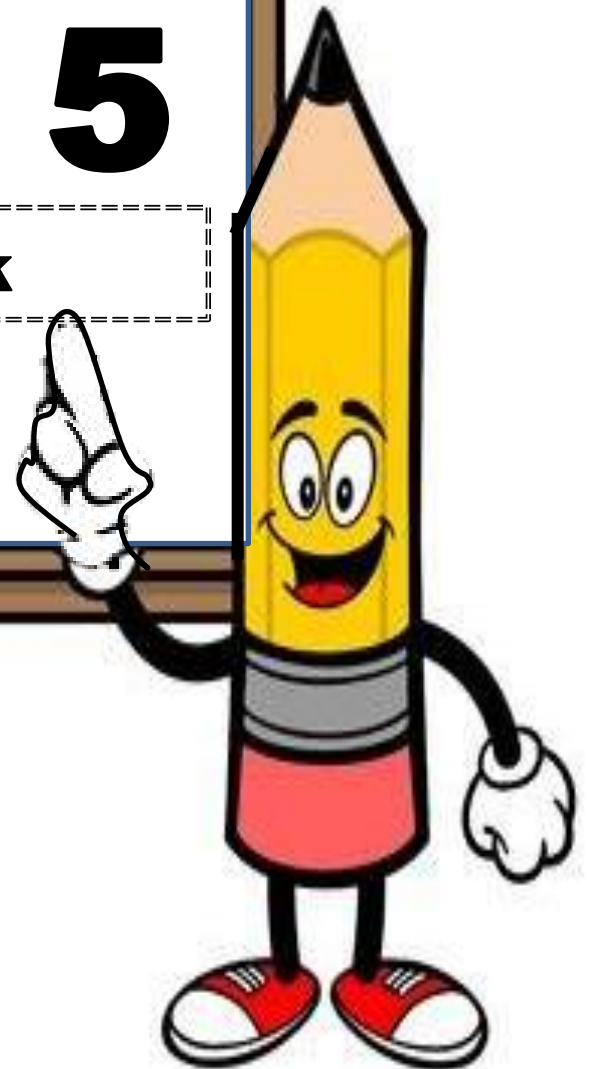
45

Day # 1

Winter Break
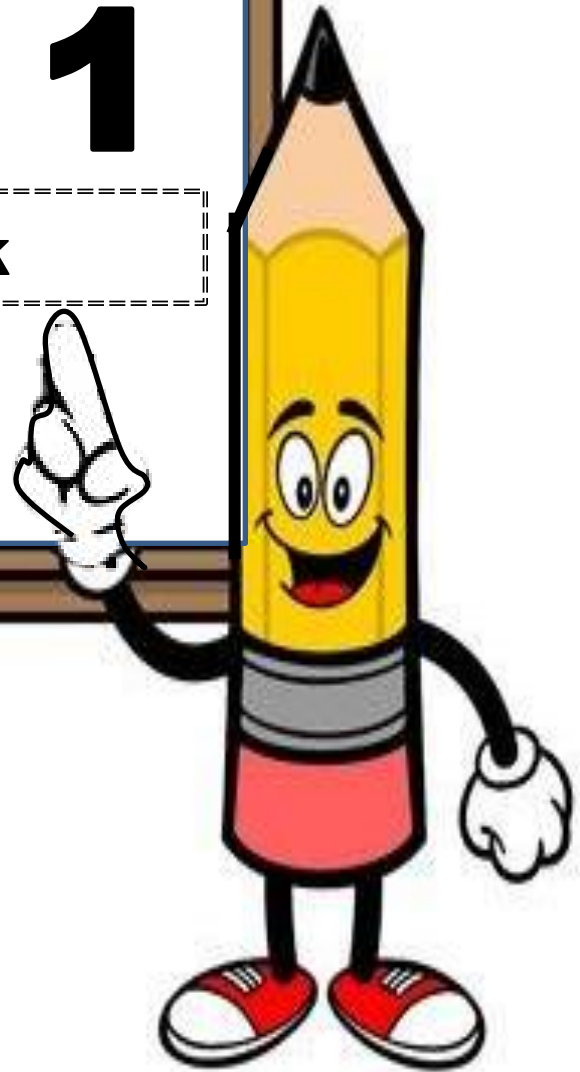
Homework

name_____

subtraction with regrouping

Solve.

45	43	53	43	55	77
-17	-27	-28	-37	-36	-36

34	87	62	55	62	61
-19	-49	-19	-47	-37	-49

62	76	61	77	93	42
-49	-39	-48	-59	-24	-28

46	88	75	82
-17	-29	-26	-59

@Penley's

Day # 2

Winter Break

name_____

addition with ReGROUPing

Solve.

57	24	53	43	57	27
+25	+48	+28	+47	+38	+38

44	37	72	37	29	41
+19	+28	+19	+45	+18	+49

32	36	29	27	13	48
+49	+39	+48	+57	+29	+28

76	48	45	39
+16	+26	+16	+59

Day # 3

Brighter Choice
Charter School for Boys

Winter Break

Name: _____ Week 15 Day 3 Date:_____

BCCS-Boys   NYU   Cornell   Columbia

Homework

Direction: Add and regroup

1.) 75
    +19

2.) 48
    +26

3.) 32
    +64

4.) 21
    +54

5.) 36
    +29

6.) 83
    +14

7.) 65
    +30

8.) 38
    +36

9.) 58
    +26

10.) 44
     +37

Brighter Choice
Charter School for Boys
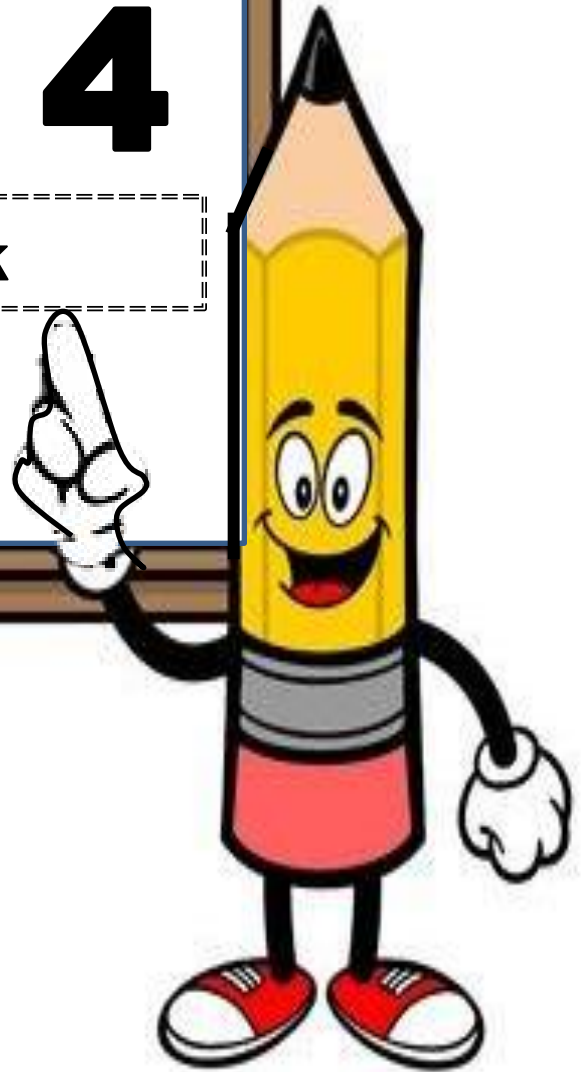
Day # 4

Winter Break

BCCS-Boys   NYU   Cornell   Columbia

Homework

Directions: Help our friend, the arctic fox, figure out how many hundreds, tens, and ones are in each of the following number.

214

H	T	O

H	T	O

181

931

H	T	O

H	T	O

753

289

H	T	O

H	T	O

115

436

H	T	O

H	T	O

438

865

H	T	O

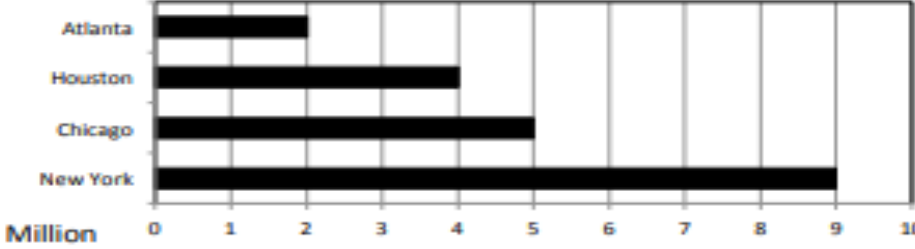| H	T	O

626

Day # 5

Winter Break

Name: _____   Week 15 Day 5 Date:_____

BCCS-Boys   NYU   Cornell   Columbia

Homework

1.
543   302   443
+ 353   + 352   + 353

2. Fill in the blanks

fifteen
65 – 54 = _____   six
                          + sixteen
150 + 50 = _____   _____

fifty + fifty = _____

3. Mary is shopping for back to school supplies. She bought 3 boxes of pencils for $2 each and one backpack for $10. How much was Mary's bill?

pencils   backpack

4. How many 5's are in 5? _____

In 10? _____

In 15? _____

In 20? _____

In 25? _____

5. Michael has 324 horses in his ranch. He plans to donate 15 horses to charity. How many horses will he have now?

6. Counting by 5's

45 → 50 → [ ]

[ ] → [ ] → [ ]   75

7. Facts!

–How many days are in one week?

_____

-How many months are in one year?

_____

8. Circle the quadrilaterals.

9. How much larger is New York than Houston? _____ million

Atlanta
Houston
Chicago
New York
Million   0   1   2   3   4   5   6   7   8   9   10