Brighter Choice
Charter School for Boys

Name _____

20
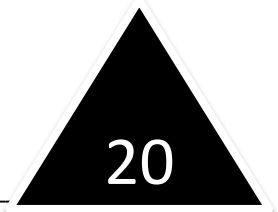
2nd Grade Math Remote Learning Packet

Week 20

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.

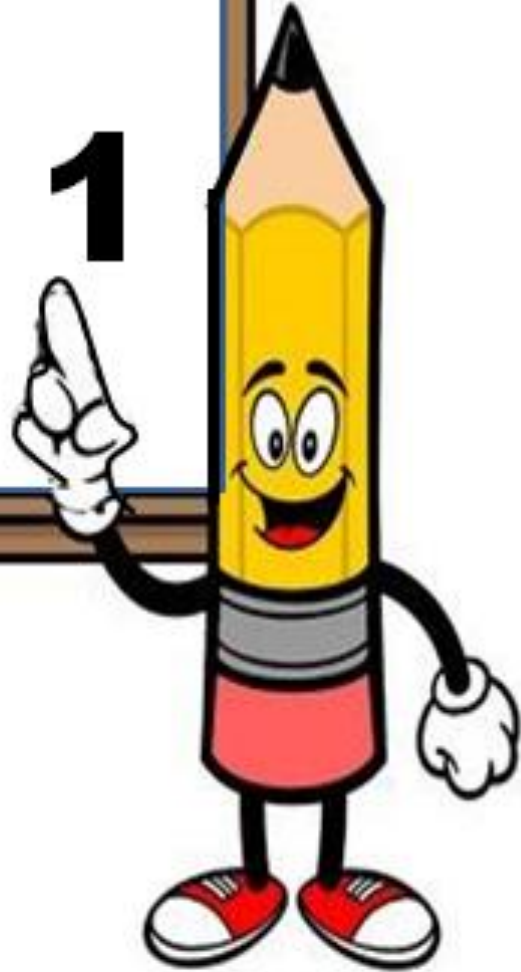_____   _____
(Parent Signature)   (Date)

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.

1

Day # 1

Name: _____   Week 20 Day 1 Date:_____

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Module 4 Lesson 30 Sprint

Number Correct: _____

Subtraction Crossing a Ten

1.	30 – 1 =		2.	31 – 2 =	
3.	40 – 2 =		4.	31 – 3 =	
5.	50 – 3 =		6.	31 – 4 =	
7.	50 – 4 =		8.	41 – 4 =	
9.	50 – 5 =		10.	51 – 5 =	
11.	50 – 9 =		12.	61 – 6 =	
13.	51 – 9 =		14.	71 – 7 =	
15.	61 – 9 =		16.	81 – 8 =	
17.	81 – 9 =		18.	82 – 8 =	
19.	82 – 9 =		20.	82 – 7 =	
21.	92 – 9 =		22.	82 – 6 =	
23.	93 – 9 =		24.	82 – 3 =	
25.	93 – 8 =		26.	34 – 5 =	
27.	83 – 8 =		28.	45 – 6 =	
29.	33 – 8 =		30.	56 – 7 =	
31.	33 – 7 =		32.	67 – 8 =	
33.	43 – 7 =		34.	78 – 9 =	
35.	53 – 6 =		36.	77 – 9 =	

Name: _____   Week 20 Day 1 Date:_____

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Module 4 Lesson 30 Problem Set

1. Linda and Keith added 127 + 59 differently. Explain why Linda's work and Keith's work are both correct.

Linda's work:	Keith's work:
127 + 59 16 70 +100 186	127 + 59 186

_____

_____

_____

2. Jake solved 124 + 69 using new groups below. Solve the same problem another way.

124 + 69 193	

4

Name: _____   Week 20 Day 1 Date:_____

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<p align="center">Module 4 Lesson 30 Problem Set Continued</p>

3. Solve each problem two different ways.

a. 134 + 48	b. 83 + 69

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Module 4 Lesson 30 Exit Ticket

1. Kevin solved 166 + 25 using totals below. Solve the same problem another way.

166 + 25 ───── 11 80 100 ───── 191	

Name: _____   Week 20 Day 1 Date:_____

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Module 4 30 Homework

1. Kari and Marty solved 136 + 56.

Kari's work:	Marty's work:
$$\begin{array}{r} 136 \\ +\ 56 \\ \hline 192 \end{array}$$	$$\begin{array}{r} 136 \\ +\ 56 \\ \hline 12 \\ 80 \\ +100 \\ \hline 192 \end{array}$$

Explain what is different about how Kari and Marty solved the problem.

_____

_____

_____

Name: _____Week 20 Day 2 Date:_____

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Module 4 Lesson 31 Problem Set

Solve the following word problems by drawing a tape diagram. Use any strategy you have learned to solve.

1. Mr. Roberts graded 57 tests on Friday and 43 tests on Saturday. How many tests did Mr. Roberts grade?

2. There are 54 women and 17 fewer men than women on a boat.

    a. How many men are on the boat?

    b. How many people are on the boat?
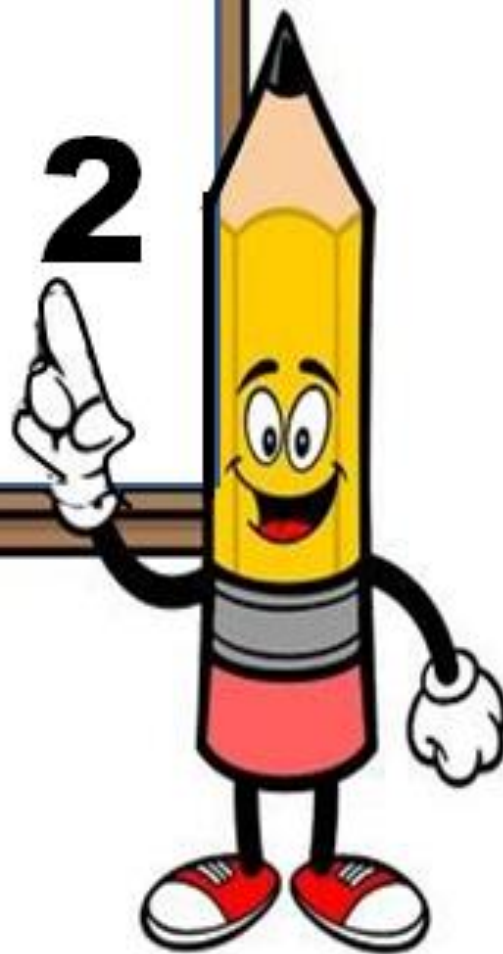
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Module 4 Lesson 31 Problem Set Continued

3. Mark collected 27 fewer coins than Craig. Mark collected 58 coins.

    a. How many coins did Craig collect?

    b. Mark collected 18 more coins than Shawn. How many coins did Shawn collect?

Name: _____Week 20 Day 2 Date:_____

Module 4 Lesson 31 Exit Ticket

Solve the following word problems by drawing a tape diagram. Then, use any strategy that you've learned to solve.

1. Sandra has 46 fewer coins than Martha. Sandra has 57 coins.

    a. How many coins does Martha have?

    b. How many coins do Sandra and Martha have together?

Name: _____Week 20 Day 2 Date:_____

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Module 4 Lesson 31 Homework

1. Melissa had 56 pens and 37 more pencils than pens.

   a. How many pencils did Melissa have?

   b. How many pens and pencils did Melissa have?

2. Antonio gave 27 tomatoes to his neighbor and 15 to his brother. He had 72 tomatoes before giving some away. How many tomatoes does Antonio have left?

Day # 3

End of Module Assessment

Name: _____Week 20 Day 3 Date:_____

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Module 4 Homework

Read each problem. Write a number sentence and solve.

1. Ms. Hua has 21 pigeons and 17 finches in her aviary. How many more pigeons does she have?

2. The meadow holds 70 sheep. 61 graze there. How many spaces remain?

3. Bahar has 53 cherry trees. 24 are saplings (young trees). How many grown trees does Bahar have?

4. Irena has 55 geese. 31 are ganders (male geese). How many are female?

5. There were 67 kittens at the animal rescue shelter on Friday. 42 found loving homes on Saturday. How many kittens remain on Sunday?

6. I counted 27 butterflies in the garden yesterday. Now I see only 14. How many flew away?

14
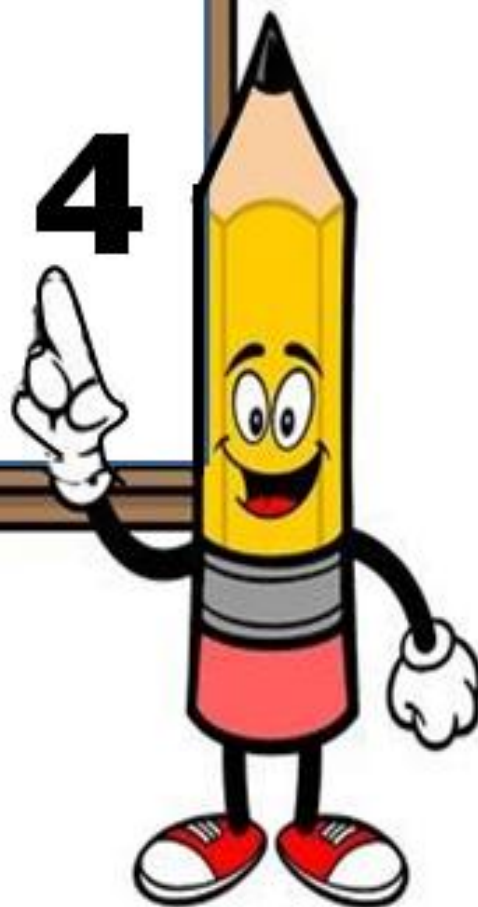
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Module 5 Problem Set Lesson 1

1. Complete each *more* or *less* statement.

   a. 10 more than 175 is _____.   b. 100 more than 175 is _____.

   c. 10 less than 175 is _____.   d. 100 less than 175 is _____.

   e. 319 is 10 more than _____.   f. 499 is 100 less than _____.

   g. _____ is 100 less than 888.   h. _____ is 10 more than 493.

   i. 898 is _____ than 998.   j. 607 is _____ than 597.

2. Complete each regular number pattern.

   a. 170, 180, 190, _____, _____, _____

   b. 420, 410, 400, _____, _____, _____

   c. 789, 689, _____, _____, _____, 289

   d. 555, 565, _____, _____, _____, 605

Name: _____Week 20 Day 4 Date:_____

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Module 5 Problem Set Lesson 1 Continued

3. Complete each statement.

a. 389 $\xrightarrow{+10}$ _____ $\xrightarrow{+100}$ _____

b. 187 $\xrightarrow{-100}$ _____ $\xrightarrow{-10}$ _____

c. 609 $\xrightarrow{-10}$ _____ $\xrightarrow{-\_\_\_}$ 499 $\xrightarrow{+10}$ _____ $\xrightarrow{+\_\_}$ 519

d. 512 $\xrightarrow{-10}$ _____ $\xrightarrow{-10}$ _____ $\xrightarrow{+100}$ _____ $\xrightarrow{+100}$ _____ $\xrightarrow{+10}$ _____

4. Solve using the arrow way.

a. 210 + 130 = _____

b. 320 + _____ = 400

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Module 5 Problem Set Lesson 1 Exit Ticket

#1 Solve using the arrow way.

440 + 220 = _____

#2 Complete each regular number pattern.

170, 180, 190, _____, _____, _____

90, 80, 70, _____, _____, _____

Name: _____Week 20 Day 4 Date:_____

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Module 5 Problem Set Lesson 1 Homework

1. Complete each *more* or *less* statement.

    a. 10 more than 222 is _____.   b. 100 more than 222 is _____.

    c. 10 less than 222 is _____.   d. 100 less than 222 is _____.

    e. 515 is 10 more than _____.   f. 299 is 100 less than _____.

2. Complete each regular number pattern.

    a. 280, 290, _____, _____, _____, 330

    b. 530, 520, 510, _____, _____, _____

    c. 643, 543, _____, _____, _____, 143

3. Complete each statement.

    a. 235 $\xrightarrow{+10}$ _____ $\xrightarrow{+100}$ _____   b. 391 $\xrightarrow{-100}$ _____ $\xrightarrow{-10}$ _____

4. Solve using the arrow way.

    a. 370 + 110 = _____
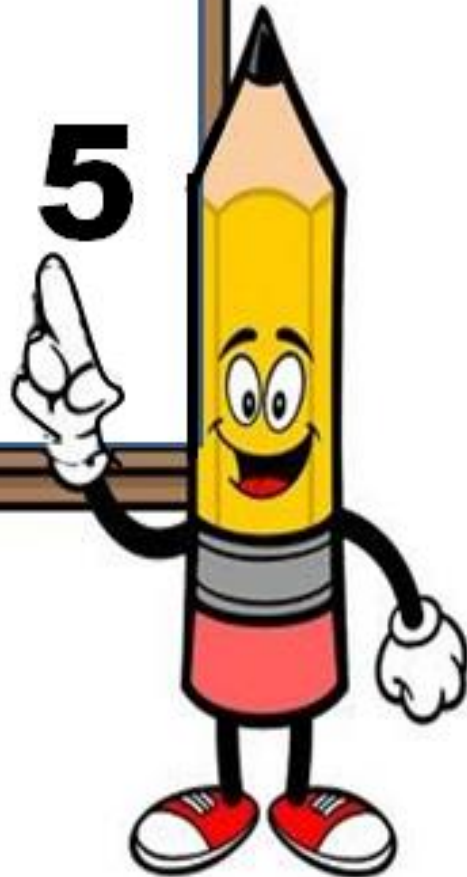
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Module 5 Problem Set Lesson 2 Problem Set

1. Solve each addition problem using place value strategies. Use the arrow way or mental math, and record your answers. You may use scrap paper if you like.

    a. 2 hundreds 4 tens + 3 hundreds = _____ hundreds _____ tens

                        240 + 300 = _____

    b. 340 + 300 = _____   140 + 500 = _____   200 + 440 = _____

    c. 571 + _____ = 871   _____ + 349 = 749   96 + _____ = 696

2. Solve each subtraction problem using place value strategies. Use the arrow way or mental math, and record your answers. You may use scrap paper if you like.

    a. 6 hundreds 2 ones − 4 hundreds = _____ hundreds _____ tens _____ ones

                        602 − 400 = _____

    b. 640 − 200 = _____   650 − 300 = _____   750 − _____ = 350

    c. 431 − _____ = 131   985 − _____ = 585   768 − _____ = 68

Name: _____Week 20 Day 5 Date:_____

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Module 5 Problem Set Lesson 2 Problem Set Continued

3. Fill in the blanks to make true number sentences. Use place value strategies, number bonds, or the arrow way to solve.

   a. 200 more than 389 is _____.

   b. 300 more than _____ is 568.

   c. 400 less than 867 is _____.

   d. _____ less than 962 is 262.

4. Jessica's lemon tree had 526 lemons. She gave away 300 lemons. How many does she have left? Use the arrow way to solve.

Name: _____Week 20 Day 5 Date:_____

Module 5 Problem Set Lesson 2 Exit Ticket

1. 760 – 500 = _____   880 – 600 = _____   990 – _____ = 590

2. 534 – 334 = _____   _____ – 500 = 356   736 – _____ = 136

Name: _____Week 20 Day 5 Date:_____

Module 5 Problem Set Lesson 2 Homework

1. Solve each addition problem using place value strategies. Use the arrow way or mental math, and record your answers. You may use scrap paper if you like.

   a. 4 hundreds 5 tens + 2 hundreds = _____ hundreds _____ tens

      450 + 200 = _____

   b. 220 + 300 = _____   230 + 500 = _____   200 + 440 = _____

2. Solve each subtraction problem using place value strategies. Use the arrow way or mental math, and record your answers. You may use scrap paper if you like.

   a. 5 hundreds 8 ones − 3 hundreds = _____ hundreds _____ tens _____ ones

      508 − 300 = _____

   b. 430 − 200 = _____   550 − 300 = _____   860 − _____ = 360

3. Fill in the blanks to make true number sentences. Use place value strategies, number bonds, or the arrow way to solve.

   a. 300 more than 215 is _____.

   b. 300 more than _____ is 668.

Name _____

2nd Grade Math Remote Learning Packet

Week 21

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.
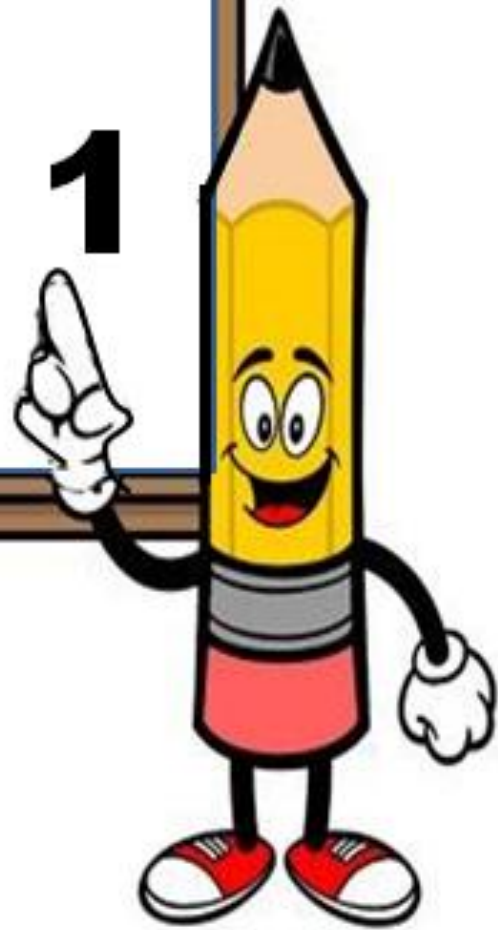
_____
(Parent Signature)

_____
(Date)

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Name: _____Week 21 Day 1 Date:_____

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Module 5 Lesson 3 Sprint

Adding Multiples of Ten and Some Ones

1.	40 + 3 =		2.	45 + 44 =	
3.	40 + 8 =		4.	44 + 45 =	
5.	40 + 9 =		6.	30 + 20 =	
7.	40 + 10 =		8.	34 + 20 =	
9.	41 + 10 =		10.	34 + 21 =	
11.	42 + 10 =		12.	34 + 25 =	
13.	45 + 10 =		14.	34 + 52 =	
15.	45 + 11 =		16.	50 + 30 =	
17.	45 + 12 =		18.	56 + 30 =	
19.	44 + 12 =		20.	56 + 31 =	
21.	43 + 12 =		22.	56 + 32 =	
23.	43 + 13 =		24.	32 + 56 =	
25.	13 + 43 =		26.	23 + 56 =	
27.	40 + 20 =		28.	24 + 75 =	
29.	41 + 20 =		30.	16 + 73 =	
31.	42 + 20 =		32.	34 + 54 =	
33.	47 + 20 =		34.	62 + 37 =	
35.	47 + 30 =		36.	45 + 34 =	
37.	47 + 40 =		38.	27 + 61 =	
39.	47 + 41 =		40.	16 + 72 =	

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Module 5 Problem Set Lesson 3

1. Solve each set of problems using the arrow way.

a.
380 + 200
380 + 220
380 + 230
b.
470 + 400
470 + 430
470 + 450
c.
650 + 200
650 + 250
650+ 280

Module 5 Problem Set Lesson 3 continued

Solve using the arrow way or mental math. Use scrap paper if needed.

a. 490 + 200 = _____	210 + 490 = _____	490 + 220 = _____
b. 230 + 700 = _____	230 + 710 = _____	730 + 230 = _____
c. 260 + 240 = _____	260 + 260 = _____	280 + 260 = _____

Solve.

a. 66 tens + 20 tens =_____ tens   b. 66 tens + 24 tens = _____tens

c. 66 tens + 27 tens =_____ tens   d. 67 tens + 28 tens = _____tens

Name: _____Week 21 Day 1 Date:_____

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Solve each set of problems using the arrow way.

1.
440 + 300
360 + 440
440 + 380

Name: _____Week 21 Day 1 Date:_____

Module 5 Problem Set Lesson 3 Homework

1. Solve each set of problems using the arrow way.

a.
260 + 200
260 + 240
260 + 250
b.
320 + 400
320 + 480
320 + 490
c.
550 + 200
550 + 250
550 + 270

Day # 2
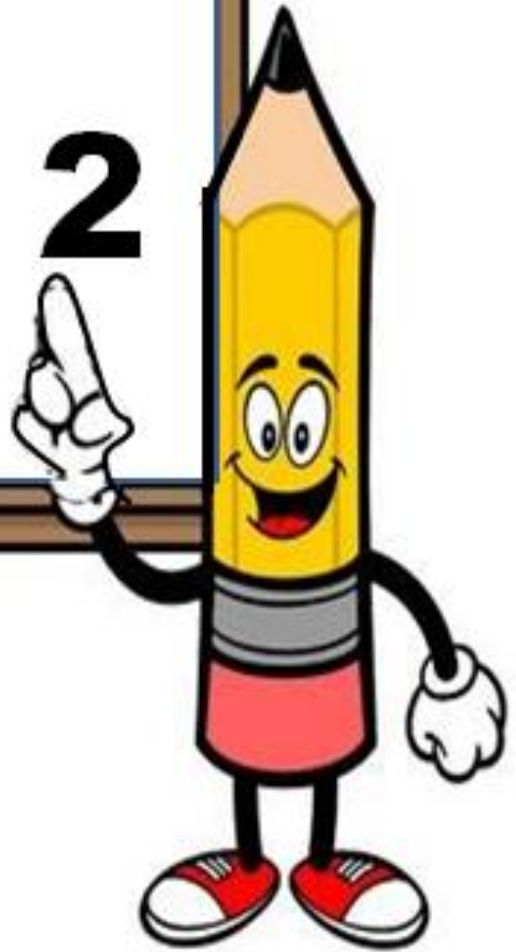
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Module 5 Problem Set Lesson 4 Sprint

Subtracting Multiples of Ten and Some Ones

1.	33 – 11 =		2.	99 – 42 =	
3.	44 – 11 =		4.	79 – 32 =	
5.	55 – 11 =		6.	89 – 52 =	
7.	88 – 11 =		8.	99 – 23 =	
9.	33 – 22 =		10.	79 – 13 =	
11.	44 – 22 =		12.	79 – 23 =	
13.	55 – 22 =		14.	99 – 14 =	
15.	99 – 22 =		16.	87 – 12 =	
17.	77 – 22 =		18.	77 – 12 =	
19.	34 – 11 =		20.	87 – 32 =	
21.	43 – 11 =		22.	99 – 36 =	
23.	54 – 11 =		24.	78 – 25 =	
25.	55 – 12 =		26.	79 – 36 =	
27.	46 – 12 =		28.	88 – 16 =	
29.	44 – 12 =		30.	88 – 26 =	
31.	64 – 21 =		32.	89 – 37 =	
33.	55 – 21 =		34.	99 – 38 =	
35.	53 – 21 =		36.	69 – 28 =	
37.	44 – 21 =		38.	89 – 58 =	
39.	34 – 22 =		40.	99 – 45 =	
41.	43 – 22 =		42.	68 – 43 =	

Name: _____Week 21 Day 2 Date:_____

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Module 5 Problem Set Lesson 4 Problem Set

1. Solve using the arrow way.

a.
570 – 200
570 – 270
570 – 290

b.
760 – 400
760 – 460
760 – 480

c.
950 – 500
950 – 550
950 – 580

Name: _____Week 21 Day 2 Date:_____

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Module 5 Problem Set Lesson 4 Problem Set Continued

2. Solve using the arrow way or mental math. Use scrap paper if needed.

a.
530 – 400 = _____   530 – 430 = _____   530 – 460 = _____
b.
950 – 550 = _____   950 – 660 = _____   950 – 680 = _____
c.
640 – 240 = _____   640 – 250 = _____   640 – 290 = _____

3. Solve.

  a. 88 tens – 20 tens = _____   b. 88 tens – 28 tens = _____

  c. 88 tens – 29 tens = _____   d. 84 tens – 28 tens = _____

  e. What is the value of 60 tens? _____

Name: _____Week 21 Day 2 Date:_____

Module 5 Problem Set Lesson 4 Exit Ticket

1. Solve using a simplifying strategy. Show your work if needed.

    830 – 530 = _____   830 – 750 = _____   830 – 780 = _____

2. Solve.

    a. 67 tens – 30 tens = _____ tens. The value is _____.

    67 tens – 37 tens = _____ tens. The value is _____.

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Module 5 Problem Set Lesson 4 Homework

1. Solve using the arrow way.

a.
430 – 200
430 – 230
430 – 240

b.
570 – 300
570 – 370
570 – 390

c.
750 – 400
750 – 450
750 – 480

Day # 3
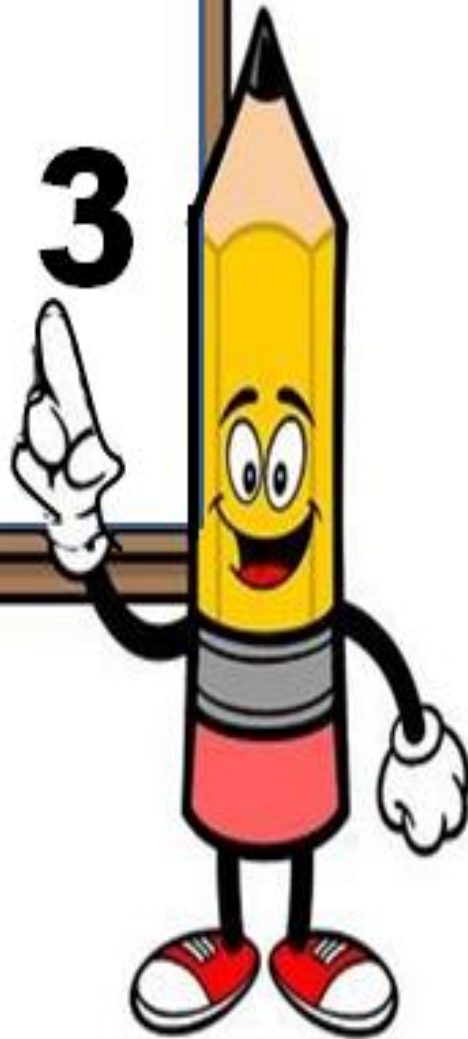
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<p style="text-align:center">Module 5 Problem Set Lesson 5 Problem Set</p>

1. Solve.

   a. 30 tens = _____   b. 43 tens = _____

   c. 18 tens + 12 tens = _____ tens   d. 18 tens + 13 tens = _____
       tens

2. Add by drawing a number bond to make a hundred. Write the simplified equation and solve.

   a. 190 + 130

          ∧
        10   120
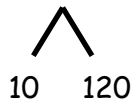
       __200 + 120_____ = _____

   b. 260 + 190

       _____= _____

   c. 330 + 180

       _____= _____

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Module 5 Problem Set Lesson 5 Problem Set Continued

Add by drawing a number bond to make a hundred. Write the simplified equation and solve.

d. 199 + 86

_____ = _____

e. 298 + 57

_____ = _____

Name: _____Week 21 Day 3 Date:_____

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Module 5 Problem Set Lesson 5 Exit Ticket

1. Add by drawing a number bond to make a hundred. Write the simplified equation and solve.

   a. 390 + 210

   _____= _____

   b. 798 + 57

   _____= _____

Name: _____Week 21 Day 3 Date:_____

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Module 5 Problem Set Lesson 5 Homework

1. Solve.

    a. 32 tens = _____   b. 52 tens = _____

    c. 19 tens + 11 tens = _____ tens   d. 19 tens + 13 tens = _____
       tens

    e. 28 tens + 23 tens = _____ tens   f. 28 tens + 24 tens = _____
       tens

2. Add by drawing a number bond to make a hundred. Write the simplified
   equation and solve.

    a. 90 + 180
          /\
        10   170

        __100 + 170__ = _____

    b. 190 + 460

        _____ = _____

Day # 4
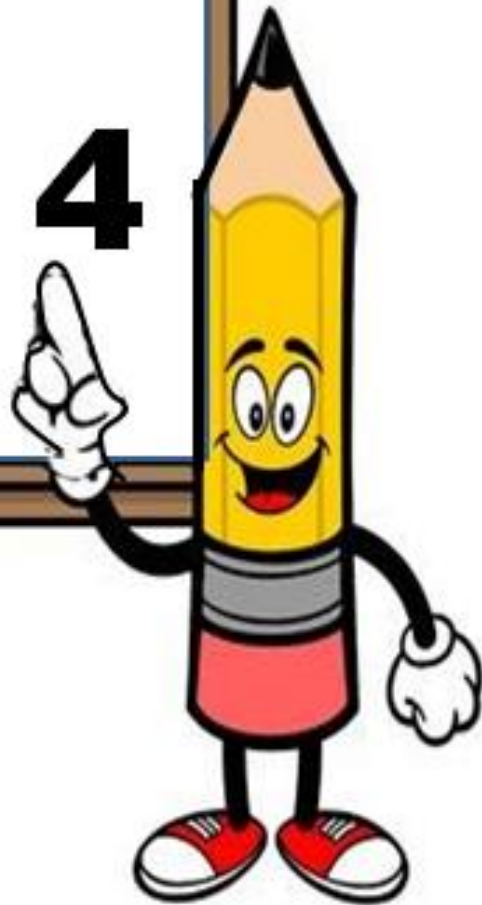
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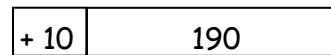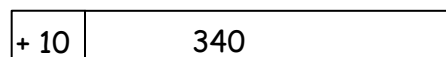
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Module 5 Problem Set Lesson 6

1. Draw and label a tape diagram to show how to simplify the problem. Write the new equation , and then subtract.

a. 220 − 190 = ___230 − 200___ = _____
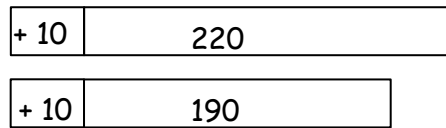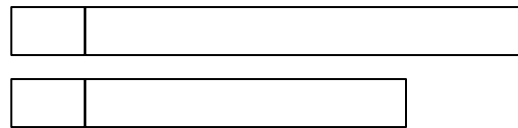
| + 10 | 220 |
| + 10 | 190 |

b. 320 − 190 = _____ =

c. 400 − 280 = _____ =

d. 470 − 280 = _____ =

Name: _____Week 21 Day 4 Date:_____

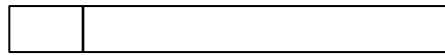BCCS-Boys   NYU   Cornell   Columbia

Module 5 Problem Set Lesson 6 Continued

2. Draw and label a tape diagram to show how to simplify the problem. Write a
    new equation, and then subtract. Check your work using addition.

    a. 451 – 199 = _____452 – 200_____ =

	Check:
+1 [451] +1 [199]	

    b. 562 – 299 = _____ =

	Check:

    c. 432 – 298 = _____ =

	Check:

Name: _____Week 21 Day 4 Date:_____

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Module 5 Problem Set Lesson 6 Exit Ticket

Draw and label a tape diagram to show how to simplify the problem. Write the new equation, and then subtract.

1. 363 – 198 = _____ = _____

2. 671 – 399 = _____ = _____

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Module 5 Problem Set Lesson 6 Homework

1. Draw and label a tape diagram to show how to simplify the problem. Write the new equation, and then subtract.

   a. 340 – 190 = ___350 – 200___ = _____

   | + 10 | 340 |
   | + 10 | 190 |

   b. 420 – 190 = _____ =

   | | |
   | | |

   c. 500 – 280 = _____ = _____

   d. 650 – 280 = _____ = _____

   e. 740 – 270 = _____ = _____
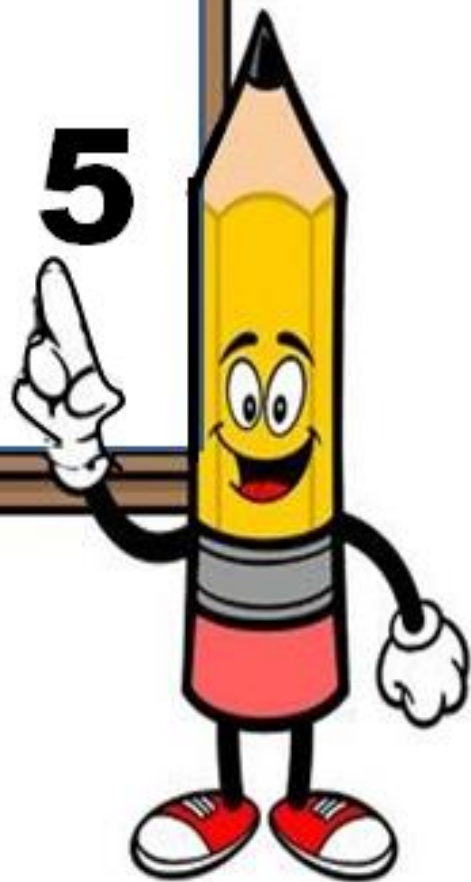
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Module 5 Weekly Quiz

Solve using the arrow way or mental math. Use scrap paper if needed.

a.

630 – 400 = _____   530 – 430 = _____   560 – 460 = _____

b.

950 – 550 = _____   960 – 660 = _____   950 – 250 = _____

Draw and label a tape diagram to show how to simplify the problem. Write the new equation, and then subtract.

363 – 198 = _____ = _____

581 – 288 = _____ = _____

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Module 5 Homework

Solve the addition and subtraction problems below, regrouping when needed.

10 +15	44 +36	81 +27	12 +88
24 -16	59 -40	99 -32	63 -29
35 +35	76 +25	13 +52	48 +16
92 -18	30 -21	76 -57	84 -61