engage^{ny} / **Eureka Math**

Exit Tickets

GRADE 2
MODULE 4

Version 3

Name _____ Date _____

1. Complete each pattern.

   a. 48, 47, 46, 45, 44, _____, _____, _____

   b. 78, 68, 58, 48, 38, _____, _____, _____

   c. 35, 34, 44, 43, 53, _____, _____, _____

2. Create two patterns using one of these rules for each: +1, -1, +10, or –10.

   a. _____, _____, _____, _____

   Rule for Pattern (a): _____

   b. _____, _____, _____, _____

   Rule for Pattern (b): _____

Name _____ Date _____

Fill in the missing number to make each statement true.

1. 50 + 20 = _____

2. 4 tens + 3 tens = _____ tens

3. 7 tens - _____ tens = 5 tens

4. _____ - 20 = 63

5. 6 tens + 1 ten 4 ones = 9 tens 4 ones - _____ tens

Name _____ Date _____

1. Solve using the arrow way or number bonds.

   a. 43 + 30 = _____

   b. 68 + 24 = _____

   c. 82 – 51 = _____

   d. 28 – 19 = _____

2. Show or explain how you used mental math to solve one of the problems above.

Name _____ Date _____

1. Solve. Draw a tape diagram or number bond to add or subtract tens. Write the new number sentence.

   a. 26 + 38 = _____ = _____

   b. 83 – 46 = _____ = _____

2. Craig checked out 28 books at the library. He read and returned some books. He still has 19 books checked out. How many books did Craig return? Draw a tape diagram or number bond to solve.

Name _____ Date _____

Solve and show your strategy.

1. A store sold 58 t-shirts and had 25 t-shirts left.

   a. How many t-shirts did the store have at first?

   b. If 17 t-shirts are returned, how many t-shirts does the store have now?

2. Steve swam 23 laps in the pool on Saturday, 28 laps on Sunday, and 36 laps on Monday. How many laps did Steve swim?

Name _____ Date _____

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

1. 53 + 19 = _____

2. 44 + 27 = _____

3. 64 + 28 = _____

Name _____ Date _____

1. Solve the following problems using the vertical form, your place value chart, and place value disks. Bundle a ten, if needed. Think about which ones you can solve mentally, too!

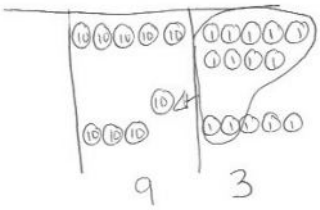
   a. 47 + 34

   b. 54 + 27

2. Explain how Problem 1, Part (a) can help you solve Problem 1, Part (b).

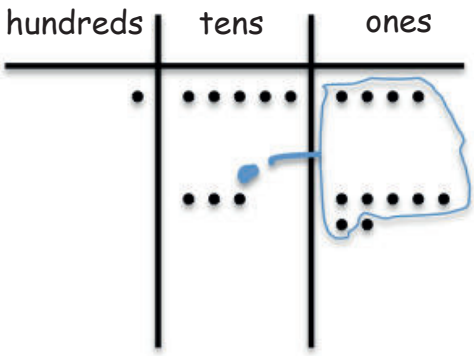
Name _____ Date _____

Use place value language to explain Zane's mistake. Then, solve using the vertical form. Draw and bundle place value disks on your place value chart.

Zane's Answer	Zane's Mistake
59 + 35 = _____ 	
My Answer	

Name _____ Date _____

1. Solve using the algorithm. Write a number sentence for the problem modeled on the place value chart.



2. Solve using the algorithm. Draw and bundle chips on the place value chart.

136 + 39 = _____

hundreds	tens	ones

Name _____ Date _____

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

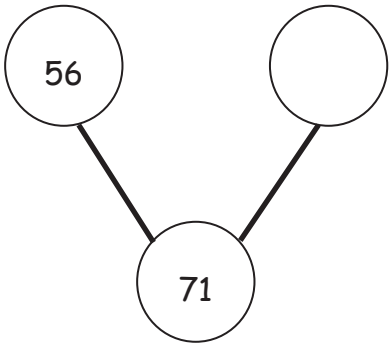
After bundling a ten _____ hundreds _____ tens _____ ones

Explanation

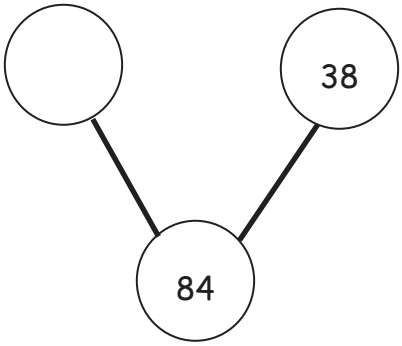
Name _____ Date _____

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

1.



2.



Name _____ Date _____

Sherry made a mistake while subtracting. Explain her mistake.

Sherry's Work:	Explanation:
14 4~~4~~ -26 28	

Name _____ Date _____

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 _____ Date _____

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 _____ Date _____

Solve using vertical form. Show the subtraction on a place value chart with chips. Exchange 1 ten for 10 ones, when necessary.

1. 164 – 49

hundreds	tens	ones

2. 181 – 73

hundreds	tens	ones

Name _____ Date _____

Solve the following word problems. Use the RDW process.

1. The bookstore sold 83 books on Monday.
   On Tuesday, it sold 46 fewer books than on Monday.

   a. How many books were sold on Tuesday?

   b. The bookstore sold 28 more books on Tuesday than on Wednesday.
      How many books did the bookstore sell on Wednesday?

Name _____ Date _____

1. Solve mentally.

a. 4 ones + _____ = 1 ten 4 + _____ = 10

4 tens + _____ = 1 hundred 40 + _____ = 100

b. 2 ones + 8 ones = _____ ten 2 + 8 = _____

2 tens + 18 tens = _____ hundreds 20 + 180 = _____

2. Fill in the blanks. Then, complete the addition sentence.

63 $\xrightarrow{+7}$ _____ $\xrightarrow{+10}$ _____ $\xrightarrow{+10}$ _____ $\xrightarrow{+10}$ _____

63 + _____ = _____

Name _____ Date _____

Solve using your place value chart and place value disks.

1. 46 + 54 = _____

2. 49 + 56 = _____

3. 28 + 63 = _____

4. 67 + 89 = _____

Name _____ Date _____

Solve the following problems using the vertical form, your place value chart, and place value disks. Bundle a ten or hundred, if needed.

1. 47 + 85

2. 128 + 39

Name _____ Date _____

Solve vertically. Draw chips on the place value chart and bundle, when needed.

1. 46 + 65 = _____

100's	10's	1's

2. 74 + 57 = _____

100's	10's	1's

Name _____ Date _____

Solve vertically. Draw chips on the place value chart and bundle, when needed.

1. 58 + 67 = _____

100's	10's	1's

2. 43 + 89 = _____

100's	10's	1's

Name _____ Date _____

Look to make 10 ones or 10 tens to solve the following problems using place value strategies.

1. 17 + 33 + 48

2. 35 + 56 + 89 + 18

Name _____ Date _____

Solve using number bonds to subtract from 100.

1. 114 – 50

2. 176 – 90

3. 134 – 40

Name _____ Date _____

Solve using your place value chart and place value disks. Change 1 hundred for 10 tens and change 1 ten for 10 ones when necessary. Circle what you need to do to model each problem.

1. 157 – 74 = _____			2. 124 – 46 = _____		
I unbundled the hundred.	Yes	No	I unbundled the hundred.	Yes	No
I unbundled a ten.	Yes	No	I unbundled a ten.	Yes	No

Name _____ Date _____

Solve the following problems using the vertical form, your place value chart, and place value disks. Unbundle a ten or hundred when necessary. Show your work for each problem.

1. 97 – 69

2. 121 – 65

Name _____ Date _____

Solve vertically. Draw chips on the place value chart. Unbundle when needed.

1. 153 – 46 = _____

hundreds	tens	ones

2. 118 – 79 = _____

hundreds	tens	ones

Name _____ Date _____

Solve vertically. Draw chips on the place value chart. Unbundle when needed.

1. 100 – 44 = _____

hundreds	tens	ones

2. 200 – 76 = _____

hundreds	tens	ones

Name _____ Date _____

Solve vertically. Draw chips on the place value chart. Unbundle when needed.

1. 108 – 79 = _____

hundreds	tens	ones

2. 200 – 126 = _____

hundreds	tens	ones

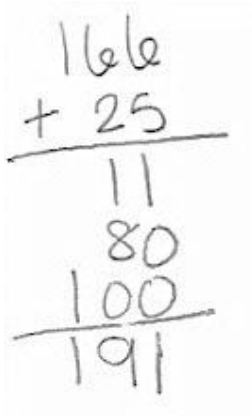
Name _____ Date _____

Add like units and record the totals below.

1. 45 + 64	2. 109 + 72
3. 144 + 58	4. 167 + 52

Name _____ Date _____

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

2. Explain how Kevin's work and your work are similar.

_____

_____

_____

Name _____ Date _____

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?

2. There are 32 brown dogs and 19 white dogs at the park. 16 more brown dogs come to the park. How many dogs are there now at the park?