Name The Key

Chapter 4
Chapter Test

1- Place an X in the table to show the value of each expression. *(hint- solve each)*

$1.236 + 3.334 = 70$

$2.235 + 2.335 = 70$

$6.189 - 1.609 = 80$

$7.662 - 3.082 = 80$

	4.57	4.58
1.236 + 3.334	X	
2.235 + 2.335	X	
6.189 – 1.609		X
7.662 – 3.082		X

2 Frank wrote the following sequence of numbers following a pattern. What is the unknown term in the sequence Frank wrote? *(hint- add zeros to even out the digits, then solve)*

35.9 , 34.665 , 33.43 , 32.195 , 30.96

$34.665 - 33.43 = 1.235$

$33.430 - 1.235 = 32.195$

$32.195 - 1.235 = 30.960$

3 The fourth graders collected 1.25 pounds more aluminum cans than the fifth graders collected. Select the **two values** that could represent how many pounds each grade collected.

Select **two** correct answers. *(Hint- Add 1.25 to the 5th grade number...)*

Ⓐ Fourth graders: 7.68 pounds, fifth graders: 6.13 pounds $6.13 + 1.25 = 7.38$

Ⓑ Fourth graders: 6 pounds, fifth graders: 4.75 pounds $4.75 + 1.25 = 6.00$

Ⓒ Fourth graders: 4 pounds, fifth graders: 2.65 pounds $2.65 + 1.25 = 3.90$

Ⓓ Fourth graders: 7.26 pounds, fifth graders: 6.01 pounds $6.01 + 1.25 = 7.26$

Name _____

4 Students are selling handmade magnets at school.

- One magnet costs $0.30.
- Two magnets cost $0.43.
- Three magnets cost $0.56.
- Four magnets cost $0.69.

+0.13

5 - 69 +13 82

6 - 82 +13 95

If this pattern continues, how much will 6 magnets cost? *(hint... 4 then 5, THEN 6)*

$ 0.95

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5 At her first swim lesson, Leah swam 15.218 seconds without stopping. After her second lesson, she could swim for 57.907 seconds without stopping. ***How much longer*** could Leah swim without stopping after her second lesson than at her first lesson? *(only one answer)*

8 9 17
57.907
-15.218
42.689

Ⓐ 42.689 seconds
Ⓑ 42.691 seconds
Ⓒ 42.699 seconds
Ⓓ 42.711 seconds

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6 Hector says the difference between 21.009 and 32.111 is 11.102. Is Hector correct or incorrect?

Circle the answer in each box to correctly complete the sentence. *(hint- set up the subtraction problem and see where you regroup)*

2 10 10
32.1 1 1
21.009
11.102

Hector is [correct / incorrect] because he [regrouped 1 tenth as 10 hundredths / regrouped 1 hundredth as 10 thousandths / did not need to regroup] to subtract.

Name _____

7 Izzy hiked 5.252 kilometers, Laura hiked 4.214 kilometers, and Anna hiked 4.403 kilometers. How far did Izzy, Laura, and Anna ***hike in all***?

13.869 kilometers

5.252
4.214
+4.403
13.869

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8 Evaluate each expression. *(hint- solve each and select your answer from the box)*

815.674 + 511.551 =	→	1327.225
491.386 + 865.849 =	→	1357.235
687.193 + 640.022 =	→	1327.215

815.674
511.551
1327.225

491.386
+865.849
1357.235

687.193
+640.022
1327.215

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9 Larry writes this number sequence following a pattern.

2.56 , 3.84 , 5.12 , 6.4 , 7.68 Rule + 1.28

What is the next number **and** what is the rule?

3.84
-2.56
1.28

6.4
+1.28
7.68

Name _____

10 Miriam took $15.75 to the zoo. She bought 2 stuffed animals for $4 ***each***, a drink for $2.25, and animal stickers for $1.80. How much money does Miriam ***have left*** now? *(hint- multi step problem)*

$ 3.70

1 Cost
4.
4.
2.25
+1.80
$12.05

$15.75
-12.05
$ 3.70

Best Example
Christopher

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