Name_____

5th Grade Math Remote Learning Packet

Week 7

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.

_____   _____
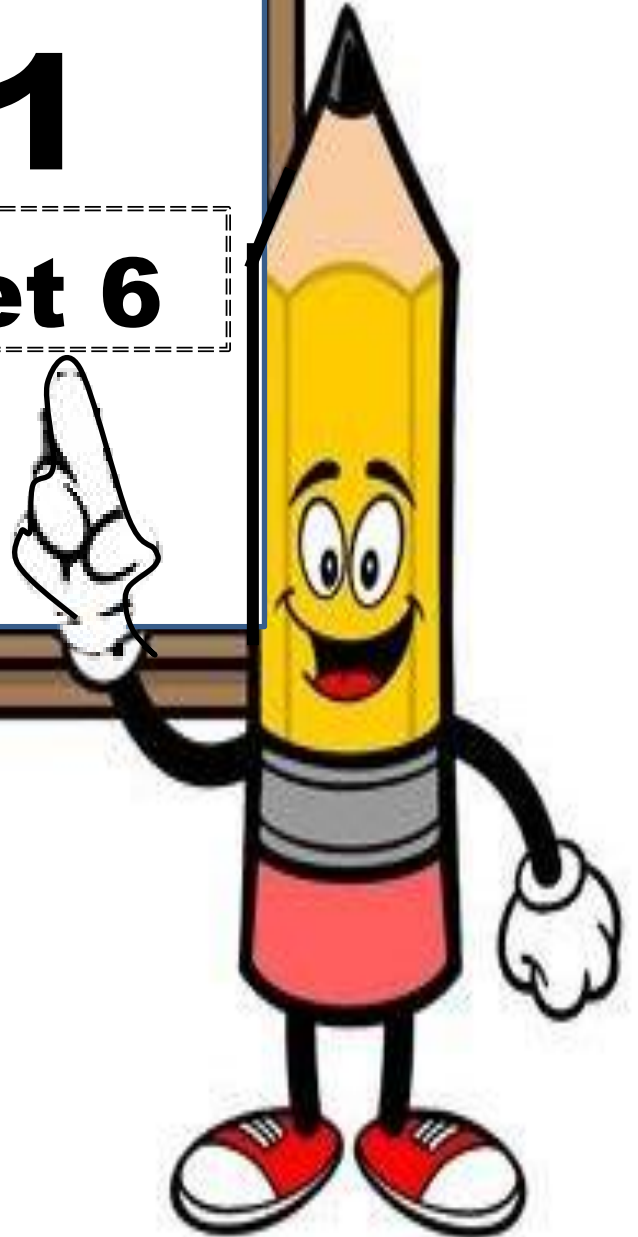(Parent Signature)   (Date)

Parents please note that all academic 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.

Day # 1

Mod 2 Packet 6

BCCS-Boys   Stanford   MIT

Do Now

Use the area model to solve each problem
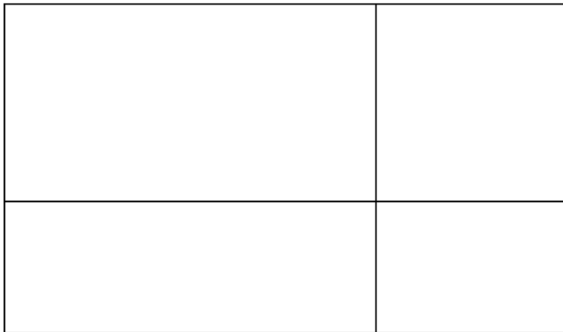
57 x 41	62 x 18
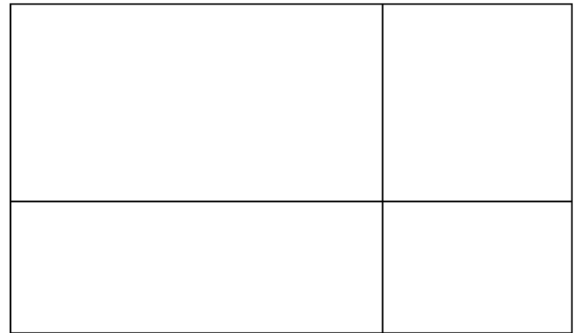
Input Activity

Bow Tie Method

15 x 42

Double Digit Multiplication

10   5

Tens   Ones

40   2

_____ tens X _____ tens = _____

_____ tens X _____ ones = _____

_____ tens X _____ ones = _____

_____ ones X _____ ones = _____

Answer = _____

Add all the numbers
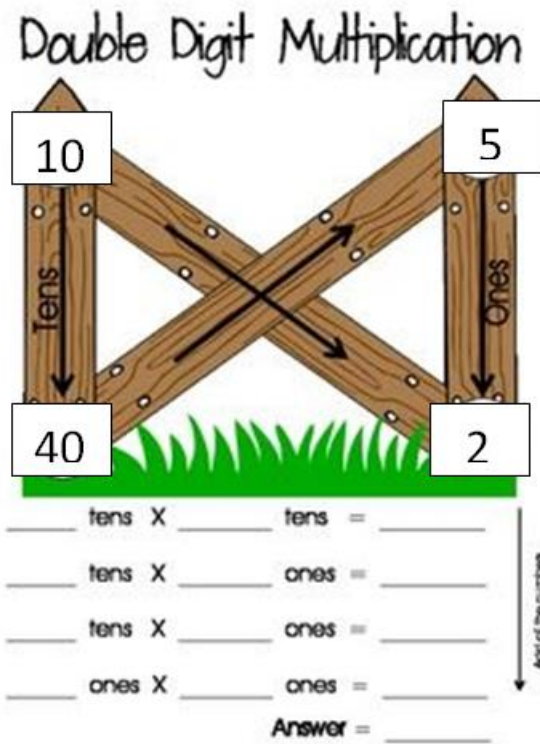
Steps

1. Expand the factors.
2. Multiply tens by tens.
3. Multiply tens by ones.
4. Multiply tens by ones.
5. Multiply ones by ones.
6. Add all of the partial products.

Problem 1:
24 x 67

Problem 2:
25 x 46

Partial Product

Steps:	Examples
1. Draw parentheses (2 for double digit problems)	84 x 12
2. Expand one of the factors and write both parts in different parentheses.	(x) + (x)
3. Write the other factor in both parentheses.	
4. Solve for each parentheses. These are the partial products.	
5. Add your partial products to get your final product.	

Problem 3:

26 x 48

Problem 4:

127 x 43

Problem Set:

Choose a method to solve each problem.

82 x 12	18 x 77
45 x 64	572 x 21

Application Problem:

A Ferris wheel completes a rotation in 53 seconds. How many seconds in all would it take to complete 13 rotations?

Answer: _____

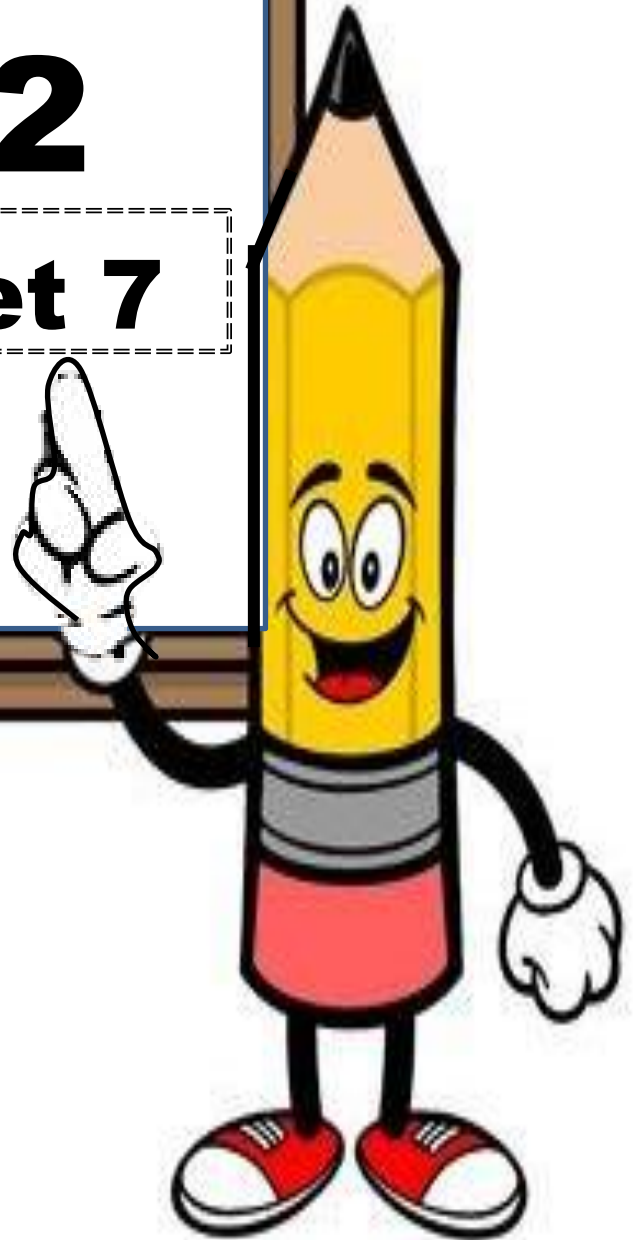# Exit Ticket

Choose a method to solve each problem.

717 x 14	75 x 64
149 x 62	26 x 94

Day # 2

Mod 2 Packet 7

Do Now

Use the lattice method to solve each problem
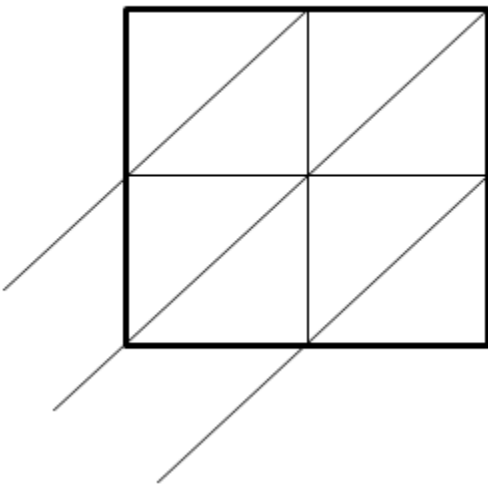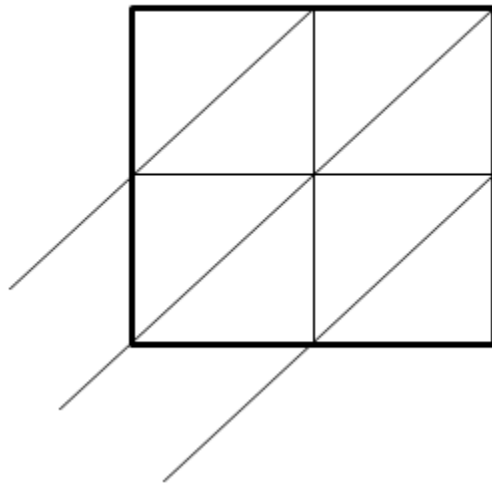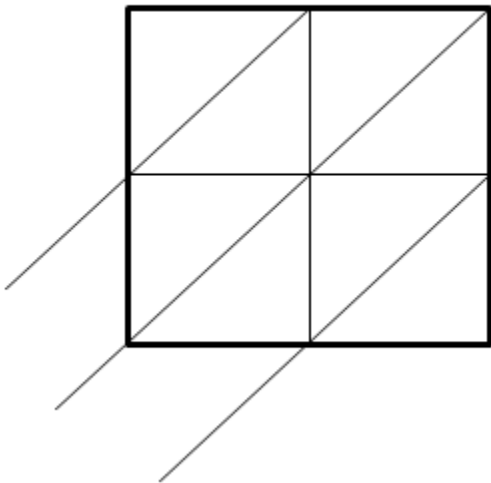
75 x 34	84 x 47
92 x 39	56 x 27
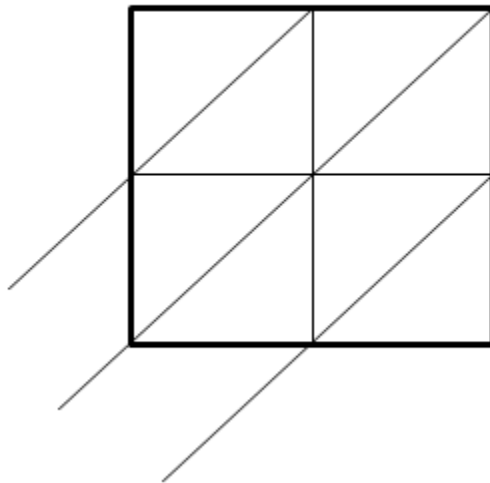
Input Activity

Multiplying 2 digits using standard algorithm.

Problem 1: (Model)

18 x 79

Problem 2: (We Do)

174 x 23

Problem 3: (We Do)

58 x 21

Problem 4: (We Do)

353 x 86

Problem 5: (We Do)

95 x 81

Problem 6: (We Do)

273 x 26

Problem Set:

Use the standard algorithm to solve each problem

46 x 52	217 x 78

Application Problem:

Carlos made fifty-five copies of his new short story. Each copy of the short story contains 76 pages. How many pages in all were used to make all of his short stories?

Answer: _____pages

Exit Ticket

Use the standard algorithm to solve each problem

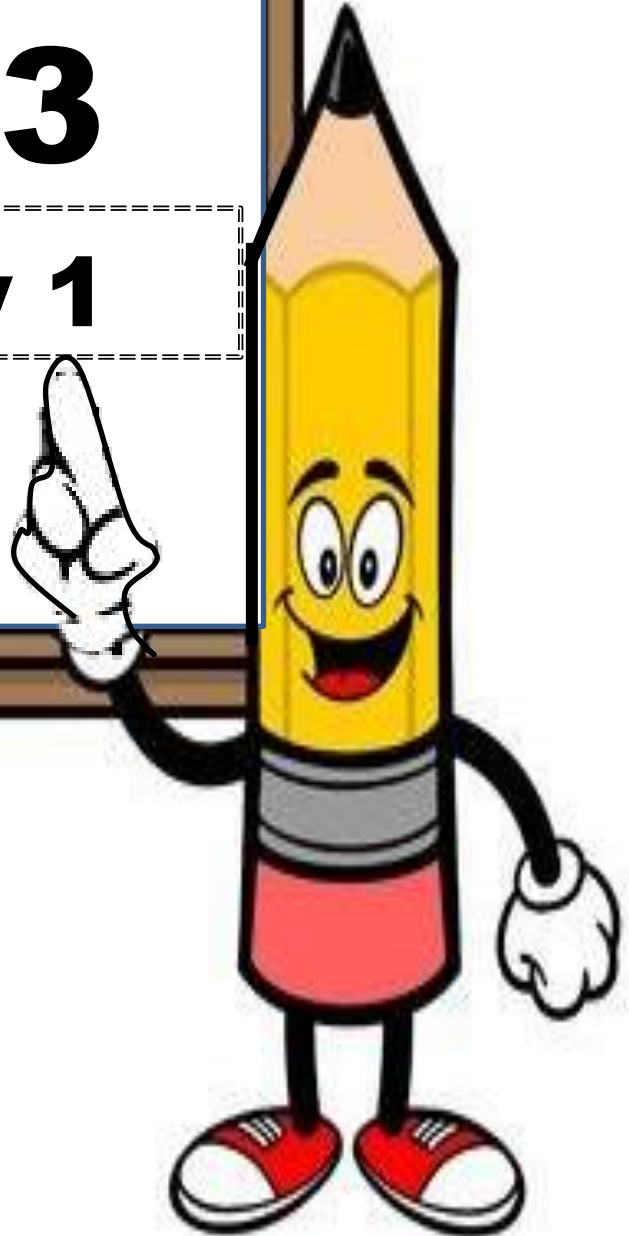|	
717 x 14	75 x 64
149 x 62	26 x 94

Day # 3

ELA IA Day 1

Day # 4
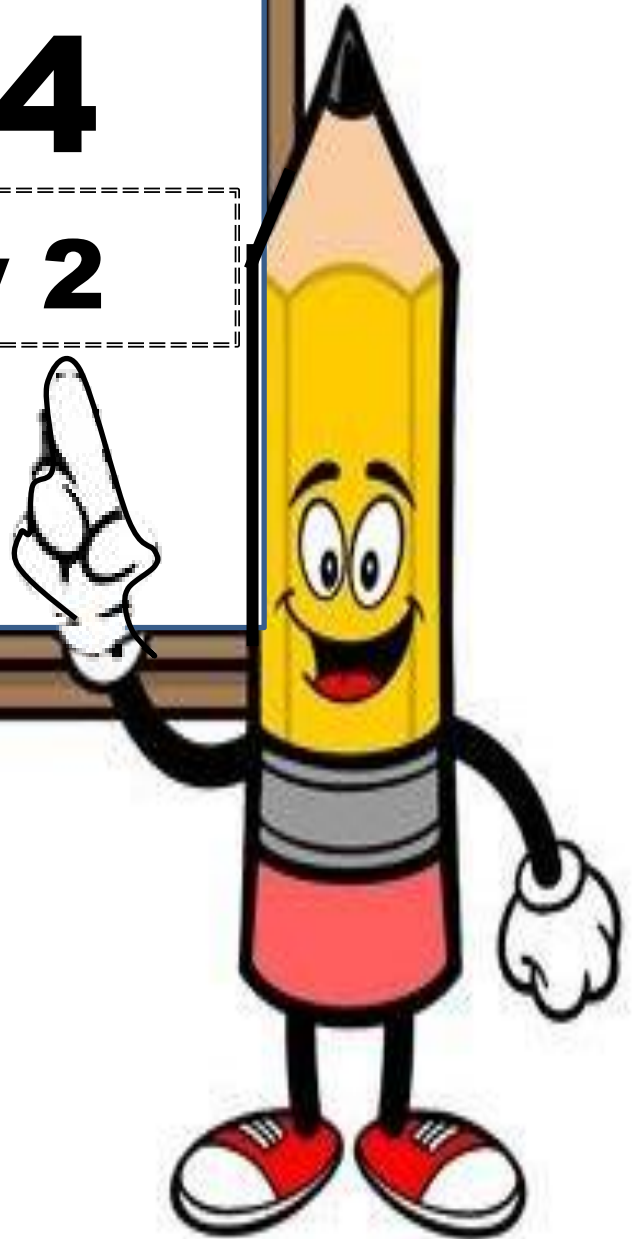
ELA IA Day 2

Brighter Choice
Charter School for Boys
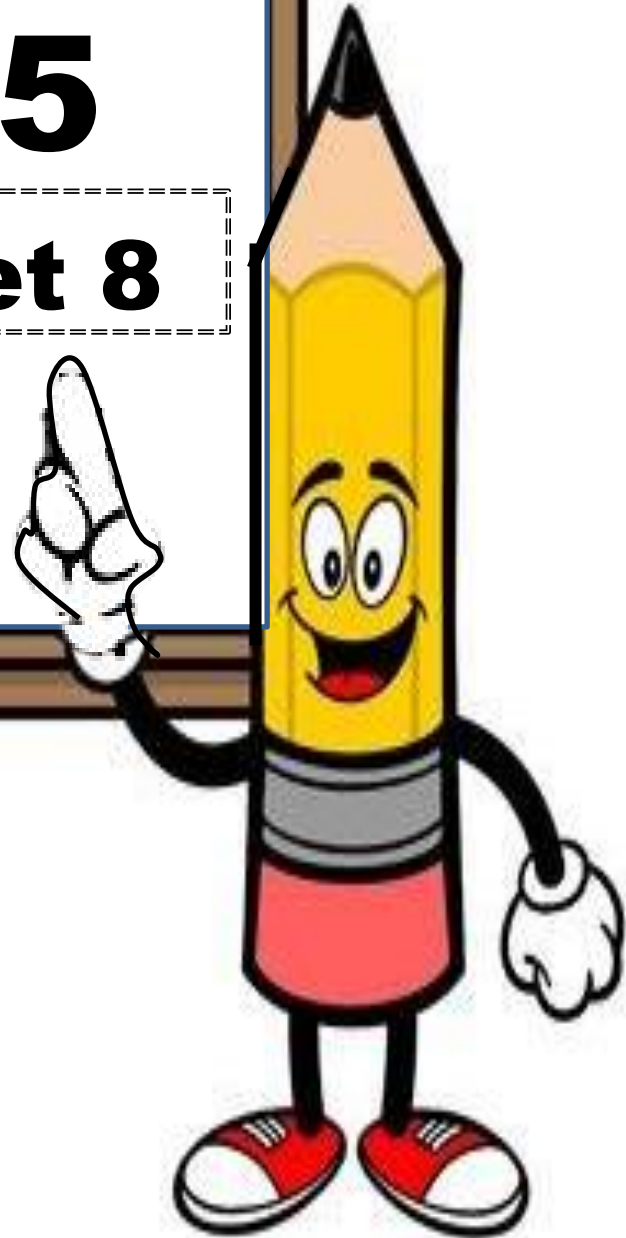
Day # 5

Mod 2 Packet 8

Name:_____ Week 7 Day 5 Date:_____

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<u>Do Now</u>

Choose your own method to solve each problem.

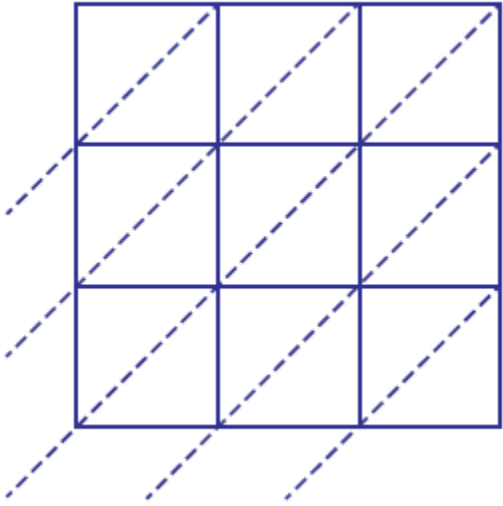|	
79 x 83	96 x 23

<u>Input Activity:</u>

Drawing a lattice box:

<u>Model:</u> 643 x 152

Using the Lattice Method to multiply 3 digits by 3 digit.

Problem 1:

824 x 267

Problem 2:

528 x 147

Problem 3:

592 x 120
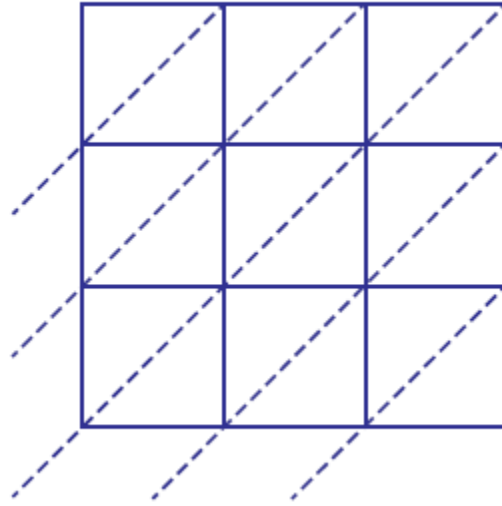
Problem 4:

924 x 605
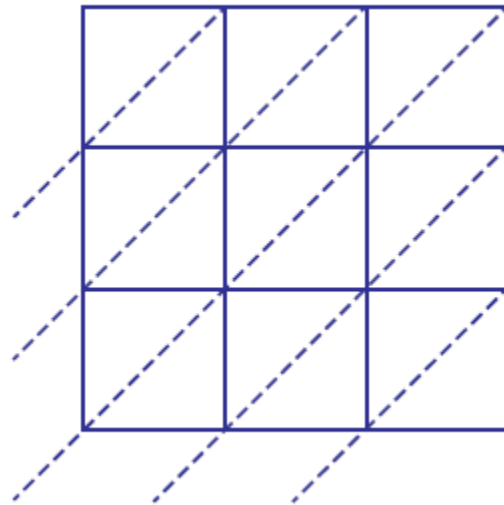
Problem 5: (We Do)

515 x 708
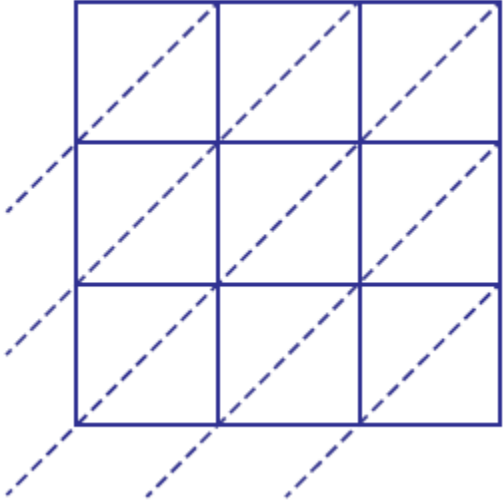
Problem 6: (You Do)

842 x 197
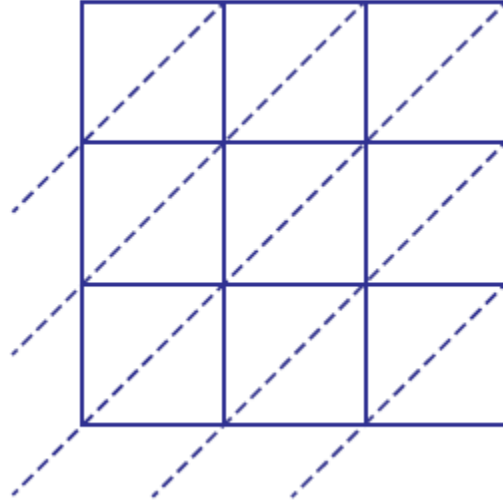
Problem Set:

Use lattice method to solve each problem.

852 x 712	618 x 707

Application Problem:

In NYC each mail truck has 296 pieces of junk-mail. If there are 418 mail trucks, how much junk mail do they have altogether?
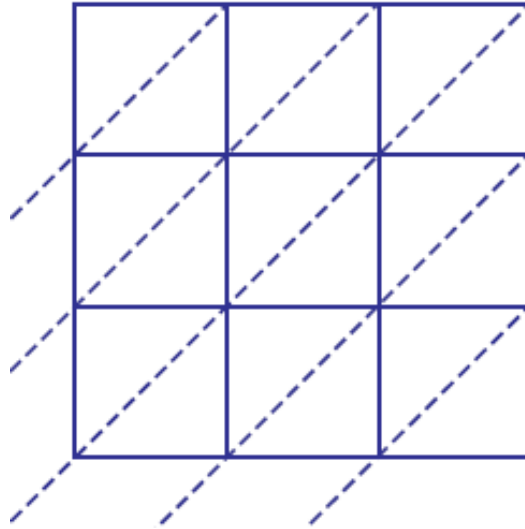
Answer: _____ pieces of junk-mail

Exit Ticket

Use lattice method to solve each problem.
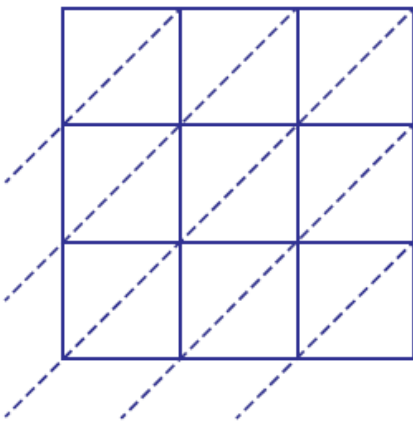
218 x 704	655 x 974
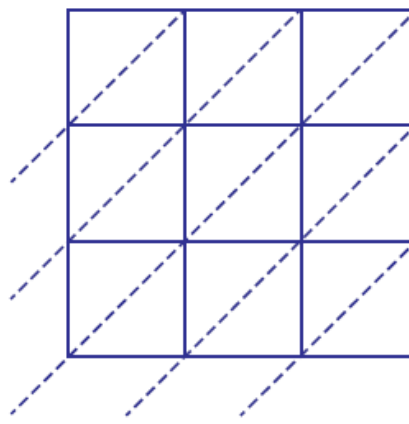
Name _____

5th Grade Math Remote Learning Packet

Week 8

- -

Dear Educator,
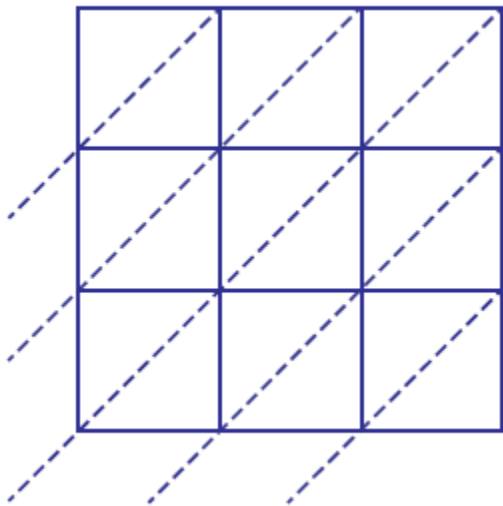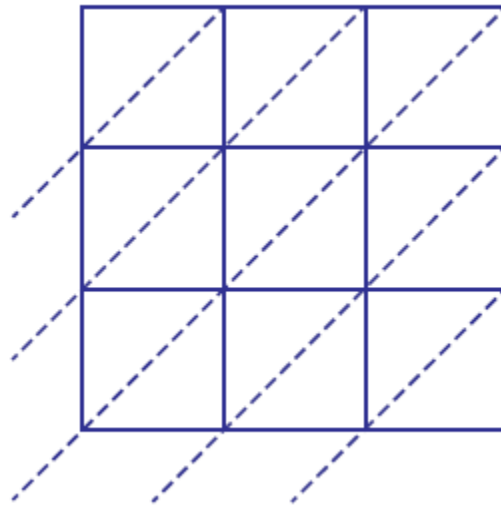
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_____   _____
(Parent Signature)   (Date)

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Day # 1

Brighter Choice
Charter School for Boys

Mod 2 Packet 9
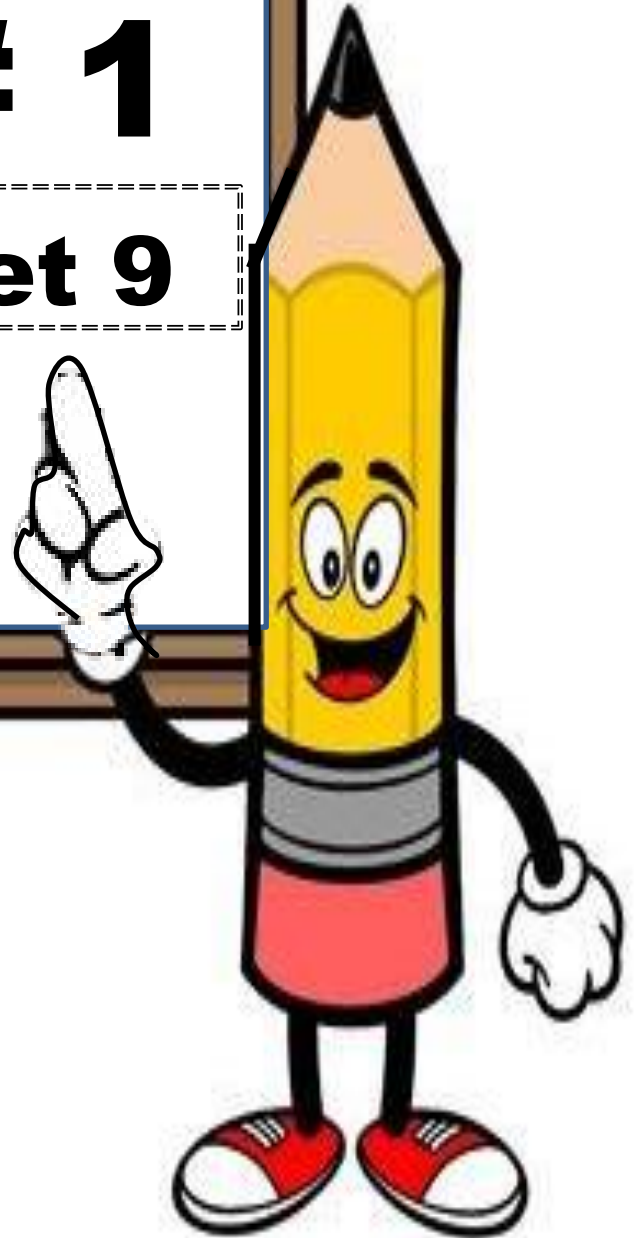
Name:_____ Week 8 Day 1 Date:_____

BCCS-Boys   Stanford   MIT

Do Now

Use the lattice method to solve each problem

567 x 345
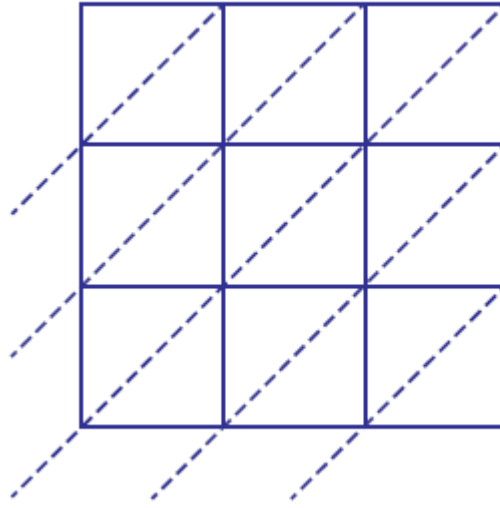
794 x 504
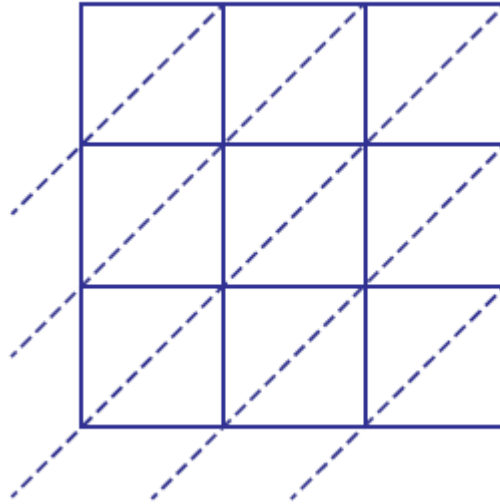
Input Activity

Multiplying 3 digits using standard algorithm or partial product.

Problem 1: (Partial Product)

518 x 279

Problem 2: (Standard Algorithm)

518 x 279

Problem 3: (Partial Product)

353 x 816

Problem 4: (Standard Algorithm)

658 x 321

23

Problem 5: (Partial Product)

905 x 811

Problem 6: (Standard Algorithm)

273 x 126

Problem Set:

Use the standard algorithm/partial product to solve each problem

456 x 152	217 x 708

Application Problem:

One Saturday at the farmer's market, each of the 194 vendors made $502 in profit. How much profit did all vendors make that Saturday?

Answer: $_____

Exit Ticket

Use the standard algorithm/partial product to solve each problem

717 x 104	475 x 264

Brighter Choice
Charter School for Boys

Day # 2

Mod 2 Packet 10
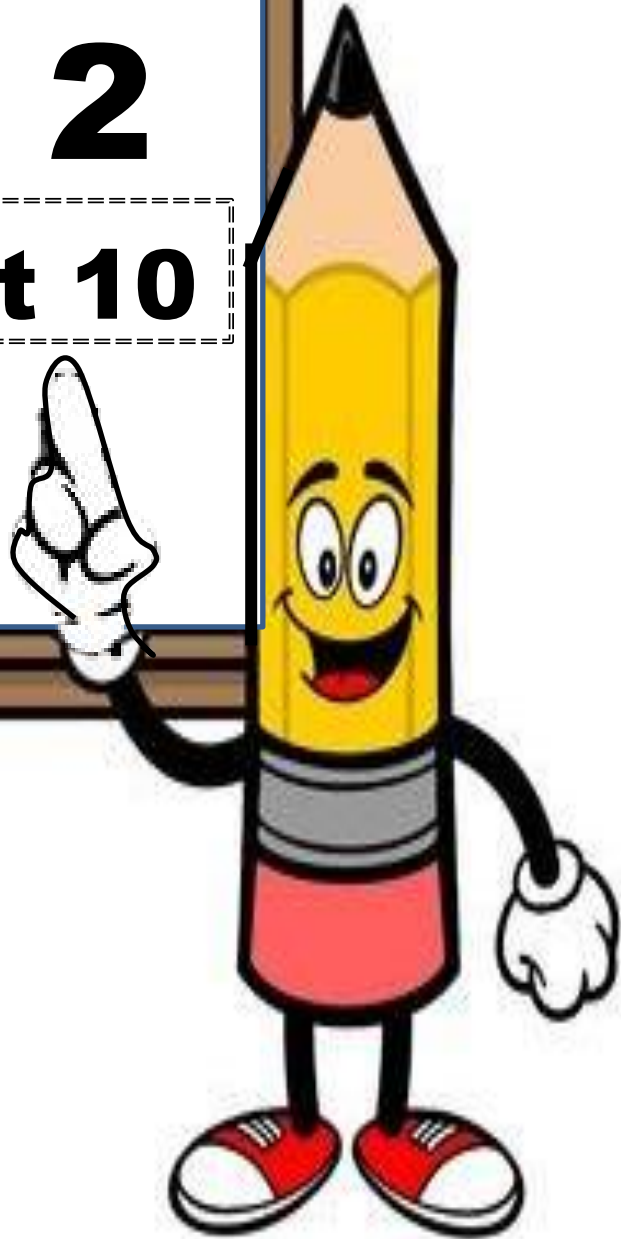
BCCS-Boys   Stanford   MIT

Do Now

Change word form to numerical expression then solve.

3 times the sum of 28 and 56

Numerical Expression: _____

Change the numerical expression to word form then solve.

18 x (41-33)

Numerical Expression: _____

Problem 1

Gemma and Leah are both jewelry makers. Gemma made 106 beaded necklaces. Leah made 39 more necklaces than Gemma. Each necklace they make has exactly 104 beads on it. How many beads did both girls use altogether while making their necklaces?

Expression:_____

Answer: _____beads were used altogether.

Problem 2

Use information from the page before to help you solve this next problem.

At a recent craft fair, Gemma sold each of her necklaces for $14. Leah sold each of her necklaces for $10 more. Who made more money at the craft fair? How much more?

Expression:_____

Answer: _____made more money. She made _____ more money.

Problem 3

Penny bought 26 treadmills for her new fitness center at $1,334 each. Then, she bought 19 stationary bikes for $749 each. How much did she spend on her new equipment?

Expression:_____

Answer: She spent _____ for her new equipment.

Problem Set

A Hudson Valley farmer has 26 employees. He pays each employee $410 per week. After paying his workers for one week, the farmer has $162 left in his bank account. How much money did he have at first?

Expression:_____

Answer: He had _____at first.

Application Problem:

Each grade level at Hooperville Schools has 298 students. If there are 13 grade levels, how many students attend Hooperville Schools?

Answer: _____students attend Hooperville.

Use your answer from the previous problem to help you solve this next problem.

A nearby district, Willington, is much larger. They have 12 times as many students. How many students attend schools in Willington?

Answer: _____ students attend Willington

Exit Ticket

Jeffery bought 203 sheets of stickers. Each sheet has a dozen stickers. He gave away 907 stickers to his family and friends. How many stickers does Jeffery have remaining?
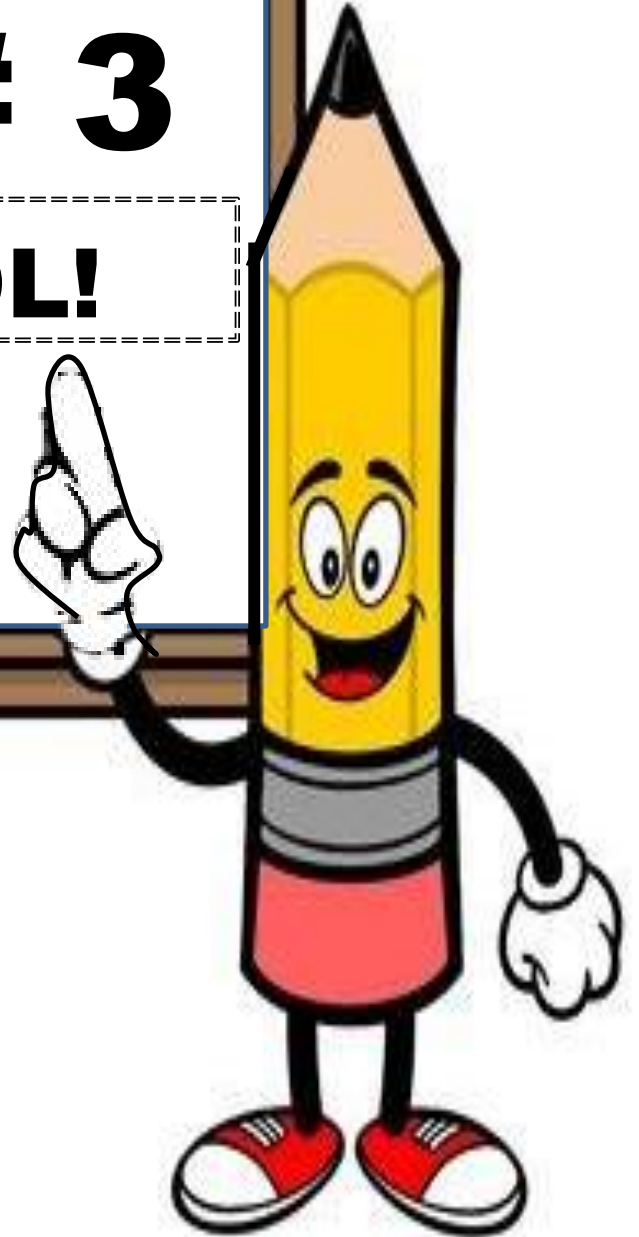
Answer: He has _____stickers remaining.

Day # 3

NO SCHOOL!

Day # 4

Mod 2 Packet 11
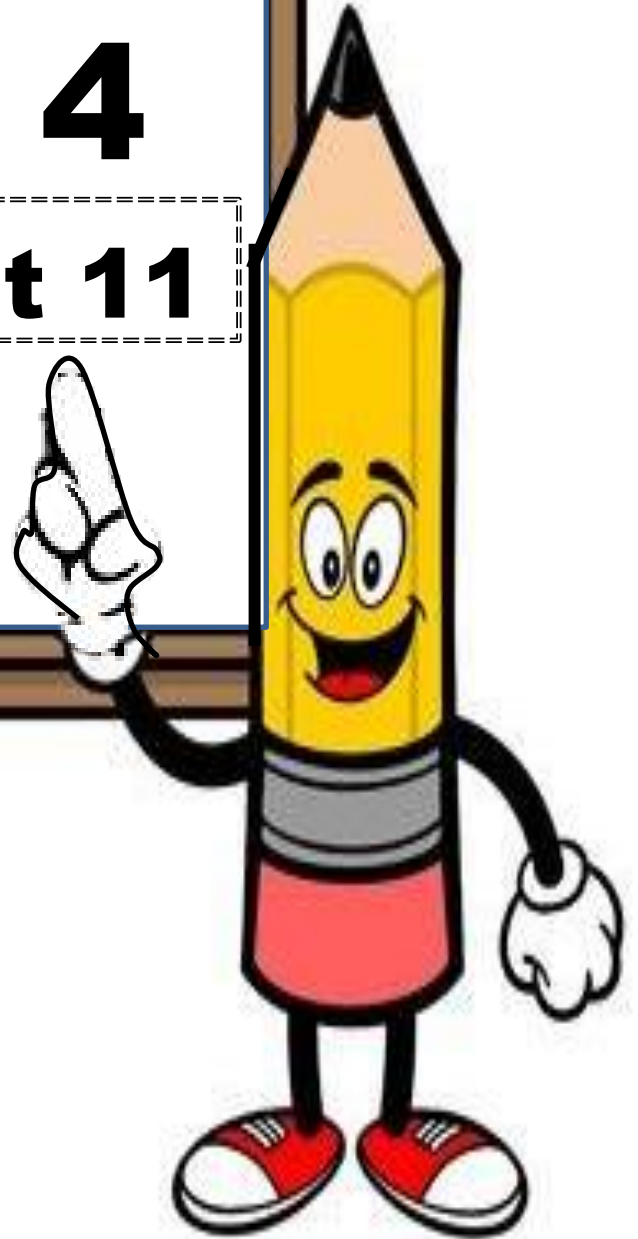
Do Now

During the basketball season, the BCCS boys scored an average of 22 points per game. They played in all 19 games for the season. How many total points did the basketball team score in all?

C

U

B

E

S

Answer
Statement:_____

_____

Input Activity

Problem 1

43 x 2.4

Rename 2.4 into tenths _____

Solve:

Problem 2

3.5 x 42

Rename 3.5 into tenths _____

Solve:

Problem 3

15.6 x 73

Rename 15.6 into tenths _____

Solve:

Problem 4

43 x 2.4

Rename 2.4 into tenths _____

Solve:

Problem 5

25.1 x 45

Rename 25.1 into tenths _____

Solve:

Problem 6

78 x 3.5

Rename 3.5 into tenths _____

Solve:

Problem Set:

a. 22 x 2.4 = _____

b. 3.1 x 33 = _____

c. 2.3 x 94 = _____

d. 6.3 x 44 = _____

Exit Ticket

Find the product. Remember to express your product in standard form.

33.2 x 21 = _____

Change 33.2 to _____ tenths
Solve.

1.7 x 55 = _____

Change 1.7 to _____ tenths
Solve.

Day # 5

Mod 2 Packet 12
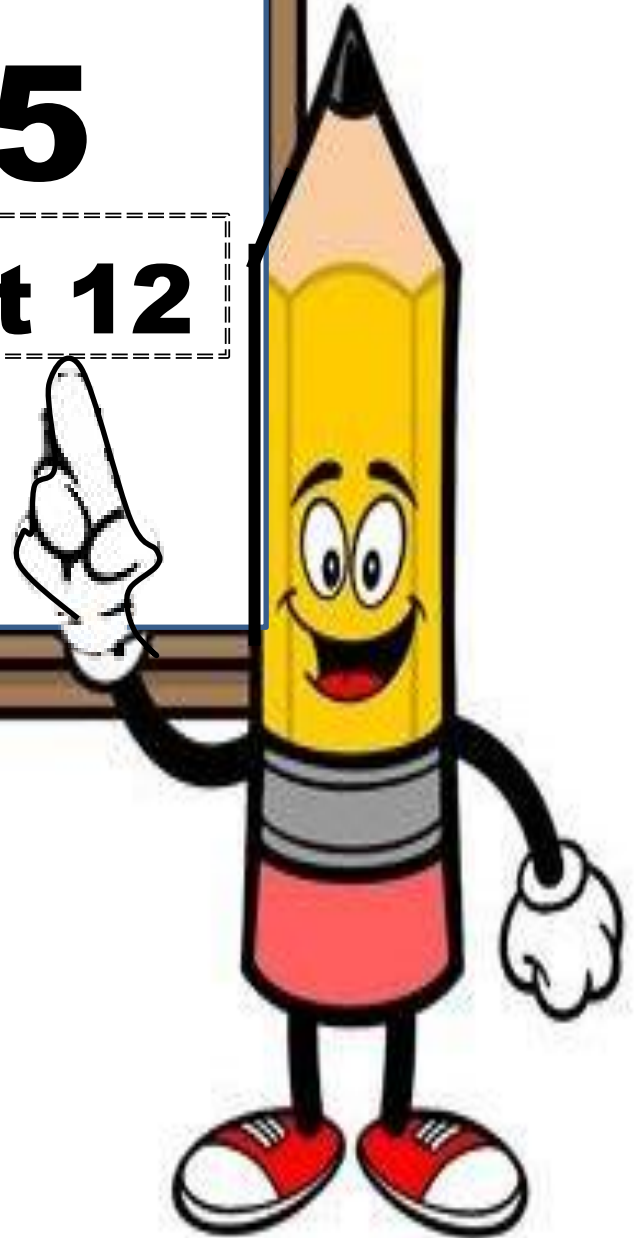
BCCS-Boys   Stanford   MIT

<u>Do Now</u>

a. 1.23×53

b. 1.57×432

Input Activity:

Problem 1	Problem 2
12.5 x 232	3.12 x 428

Rename 12.5 to

_____tenths

Solve:

Re-write product with

the decimal _____

Rename 3.12 to

_____hundredths

Solve:

Re-write the product with

the decimal _____

Problem 3	Problem 4
Problem 3	**Problem 4**
2.31 x 201	126 x 1.11
Rename 2.31 to	Rename 1.11 to
_____hundredths	_____hundredths
Solve:	Solve:
Re-write product with	Re-write the product with
the decimal _____	the decimal _____

Problem Set:

1.21 x 14

Rename 1.21 to _____ hundredths

Solve:

2.45 x 305

Rename 2.45 to _____ hundredths

Solve:

1.3 x 26

Rename 1.3 to _____ tenths

Solve:

7.06 x 28

Rename 7.06 to _____ hundredths

Solve:

Application Problem:

Denise walks on the beach every afternoon. In the month of July, she walked 3.45 miles each day. How far did Denise walk during the month of July? (Hint how many days are in July?)

Answer: _____miles

Exit Ticket

3.03 x 402

Rename 3.03 to _____ hundredths

Solve:

---

667 x 1.25

Rename 1.25 to _____ hundredths

Solve: