



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)

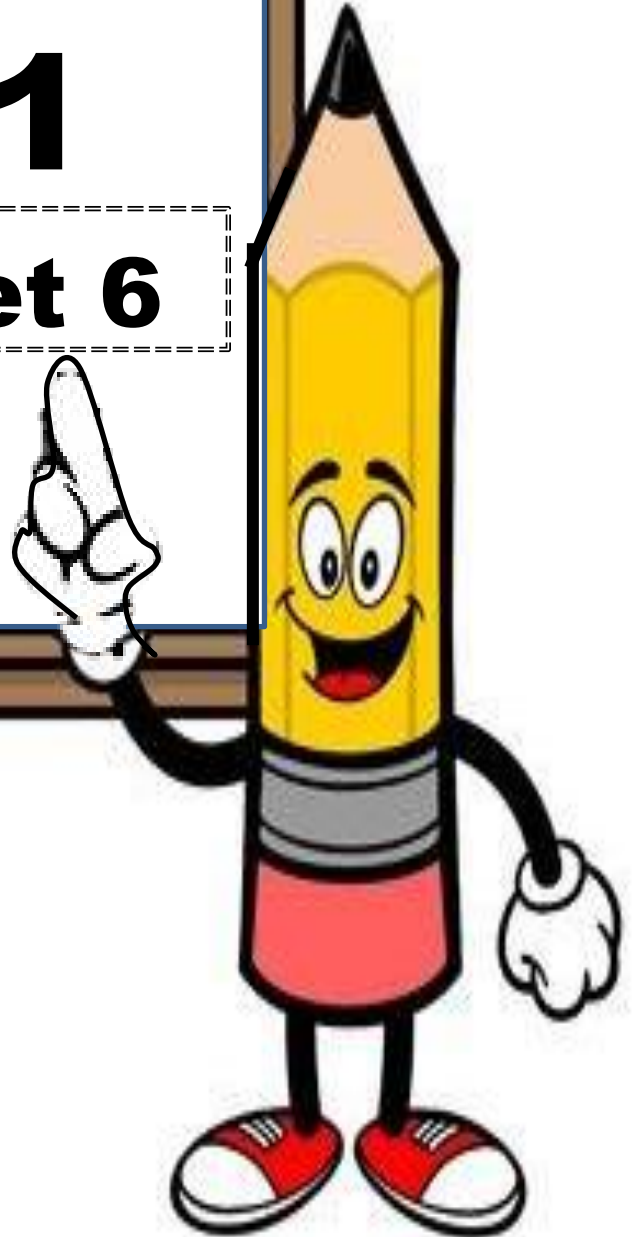
Parents please note that all academic are also available on our website at www.brighterchoice.org under the heading "Remote Learning." All academic packet assignments are mandatory and must be completed by all scholars.



Brighter Choice
Charter School for Boys

Day # 1

Mod 2 Packet 6



Name: _____ Week 7 Day 1 Date: _____

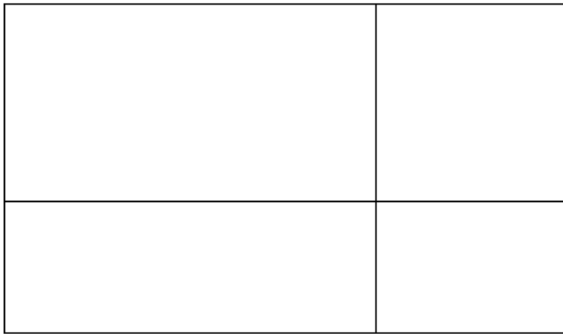
BCCS-Boys

Stanford MIT

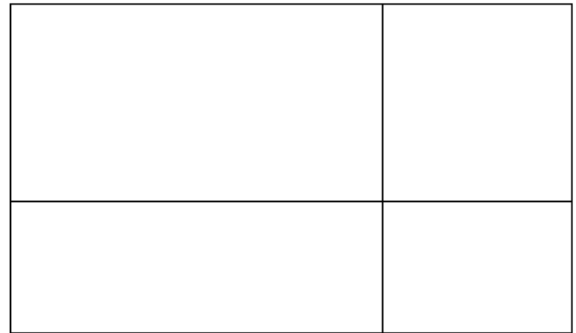
Do Now

Use the area model to solve each problem

57×41



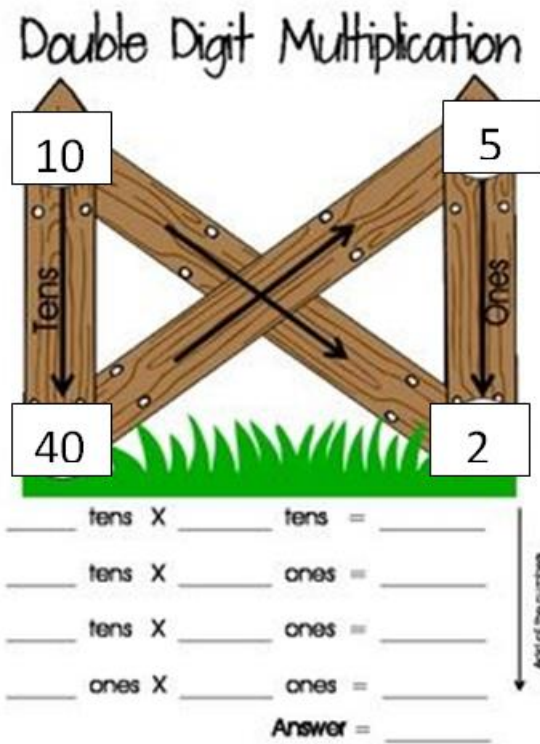
62×18



Input Activity

Bow Tie Method

$$15 \times 42$$



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:

$$24 \times 67$$

Problem 2:

$$25 \times 46$$

Partial Product

Steps:	Examples
<ol style="list-style-type: none">1. Draw parentheses (2 for double digit problems)2. Expand one of the factors and write both parts in different parentheses.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.	<p style="text-align: center;">84×12</p> <p style="text-align: center;">$(\quad \times \quad) + (\quad \times \quad)$</p>

Problem 3:

$$26 \times 48$$

Problem 4:

$$127 \times 43$$

Problem Set:

Choose a method to solve each problem.

82×12

18×77

45×64

572×21

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.

717×14

75×64

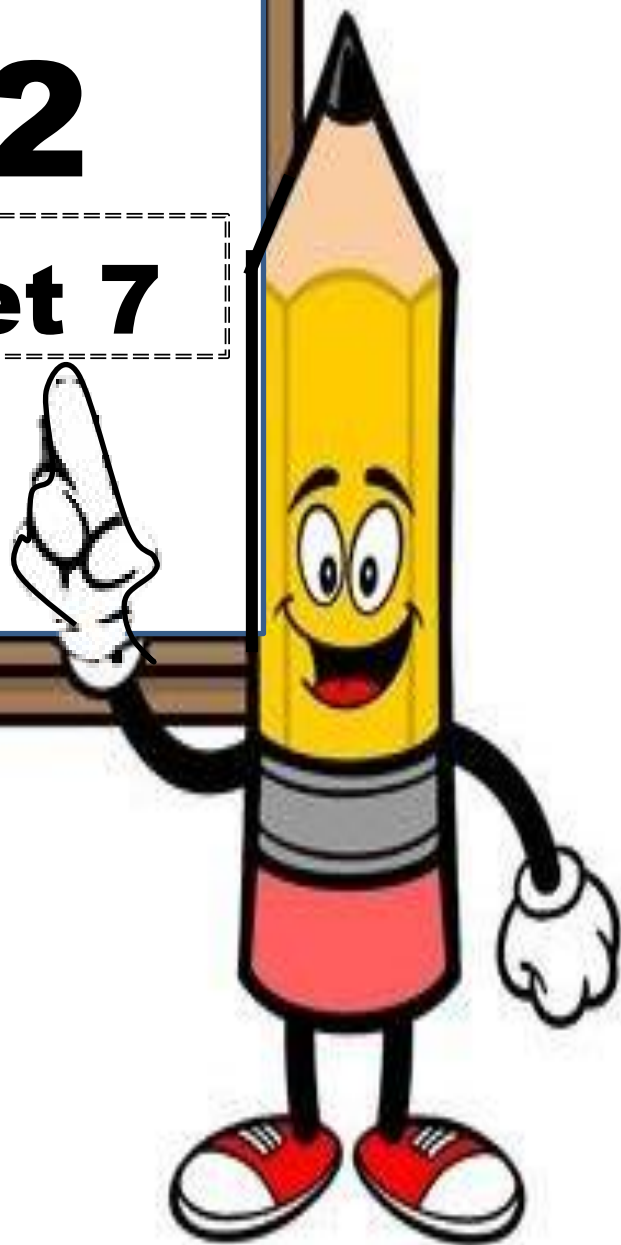
149×62

26×94



Day # 2

Mod 2 Packet 7



Name: _____ Week 7 Day 2 Date: _____

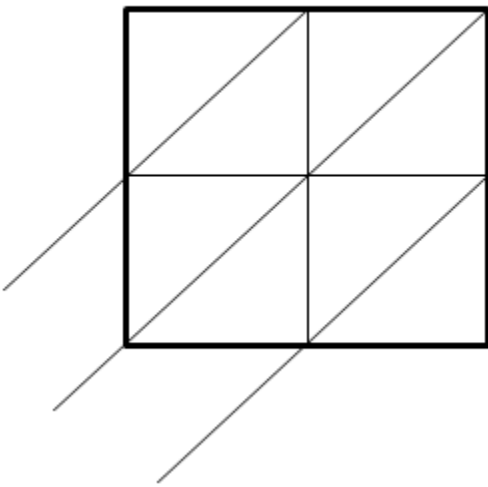
BCCS-Boys

Stanford MIT

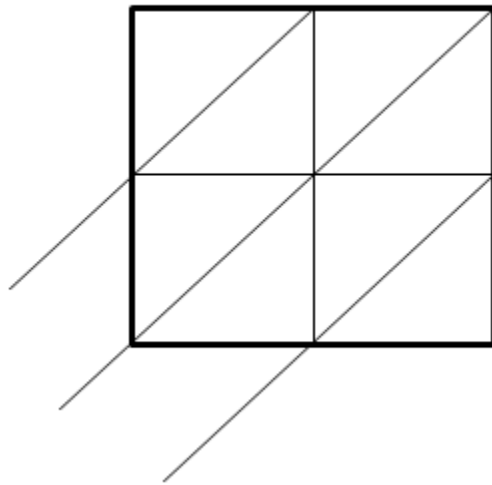
Do Now

Use the lattice method to solve each problem

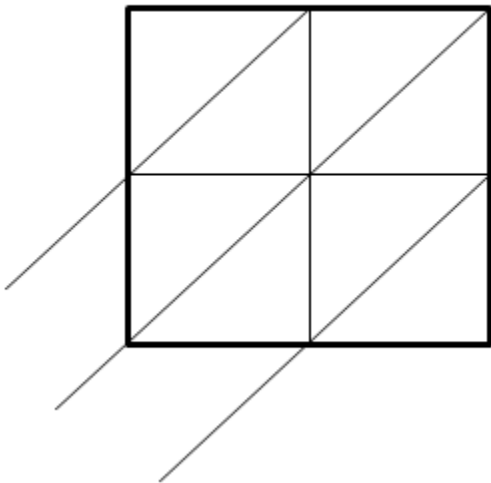
75×34



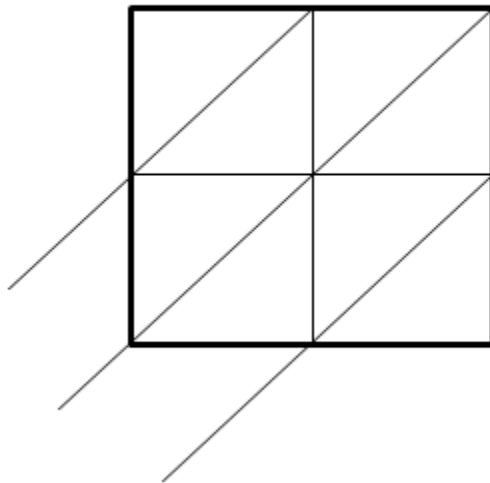
84×47



92×39



56×27



Input Activity

Multiplying 2 digits using standard algorithm.

Problem 1: (Model)

$$18 \times 79$$

Problem 2: (We Do)

$$174 \times 23$$

Problem 3: (We Do)

$$58 \times 21$$

Problem 4: (We Do)

$$353 \times 86$$

Problem 5: (We Do)

$$95 \times 81$$

Problem 6: (We Do)

$$273 \times 26$$

Problem Set:

Use the standard algorithm to solve each problem

$$46 \times 52$$

$$217 \times 78$$

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

717×14

75×64

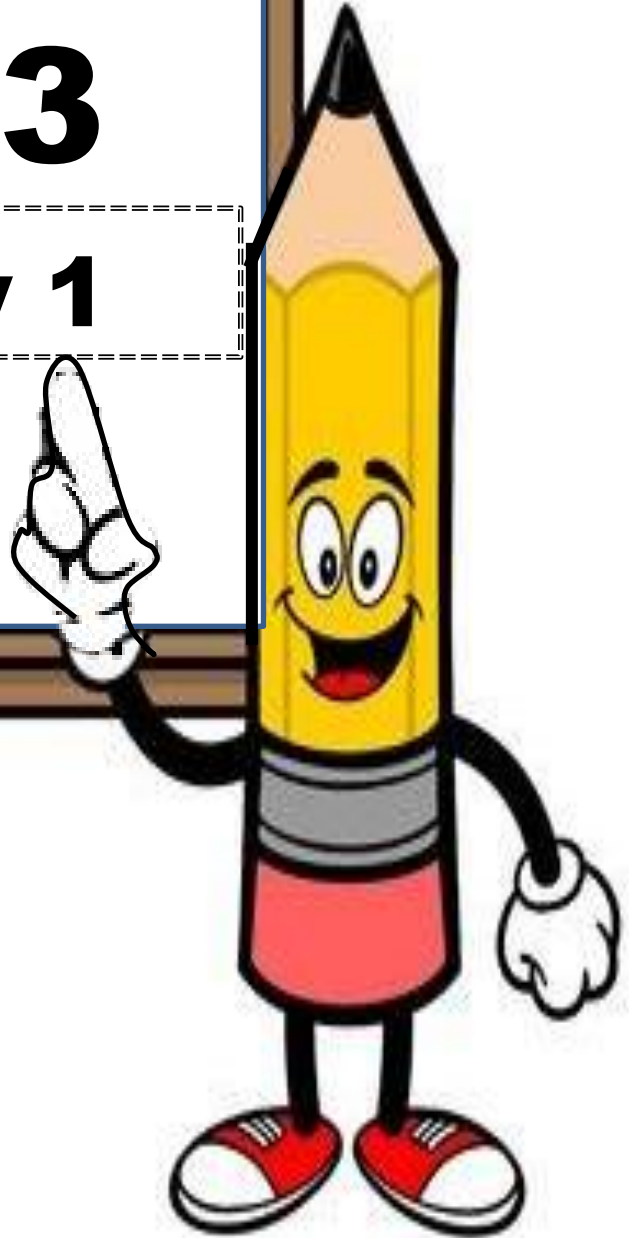
149×62

26×94



Day # 3

ELA IA Day 1

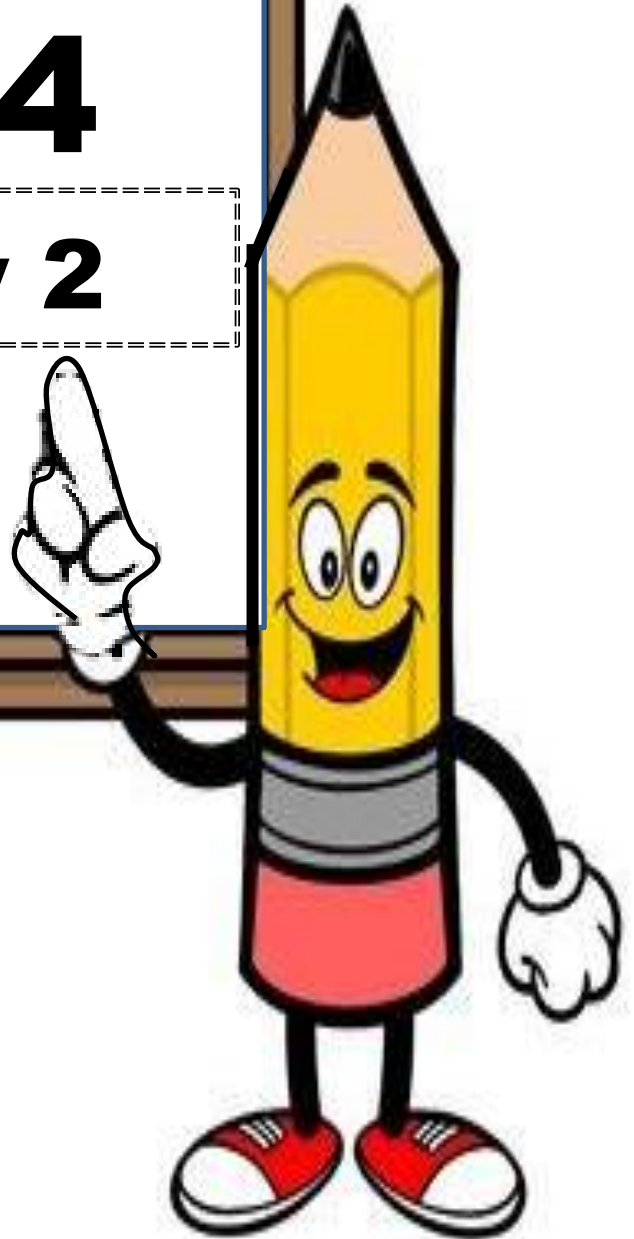




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Day # 4

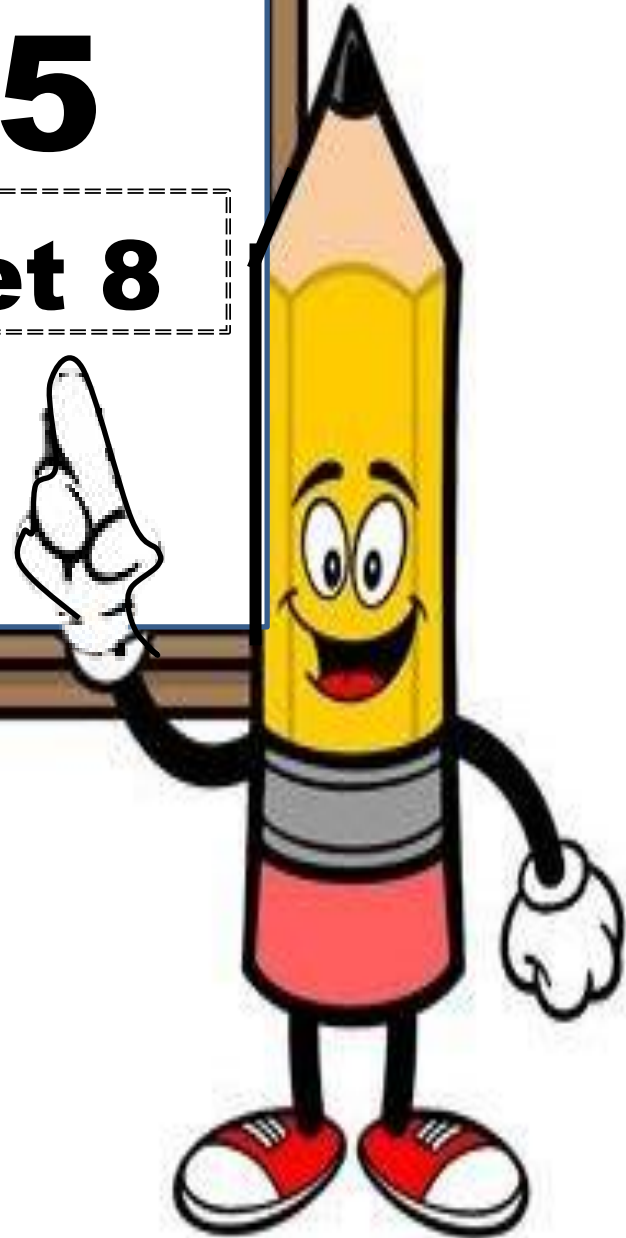
ELA IA Day 2





Day # 5

Mod 2 Packet 8



Name: _____ Week 7 Day 5 Date: _____

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Do Now

Choose your own method to solve each problem.

79 x 83

96 x 23

Input Activity:

Drawing a lattice box:

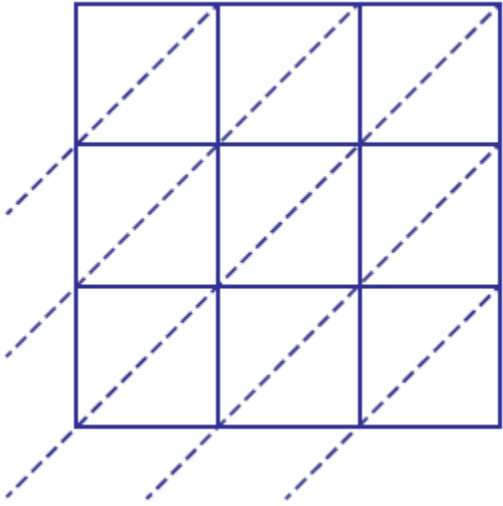
Model: 643 x 152



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

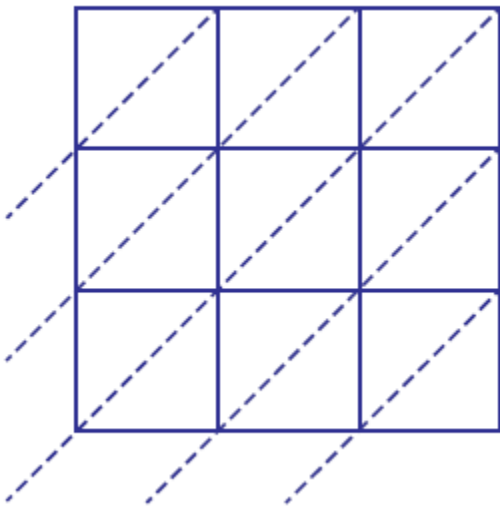
Problem 1:

$$824 \times 267$$



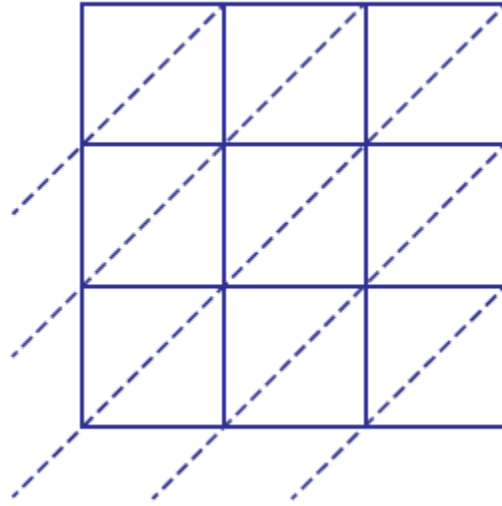
Problem 3:

$$592 \times 120$$



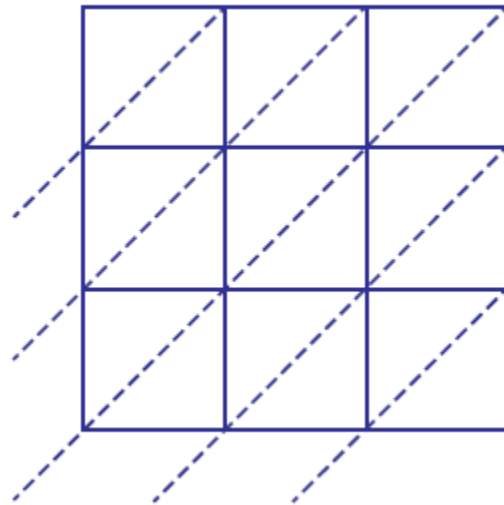
Problem 2:

$$528 \times 147$$



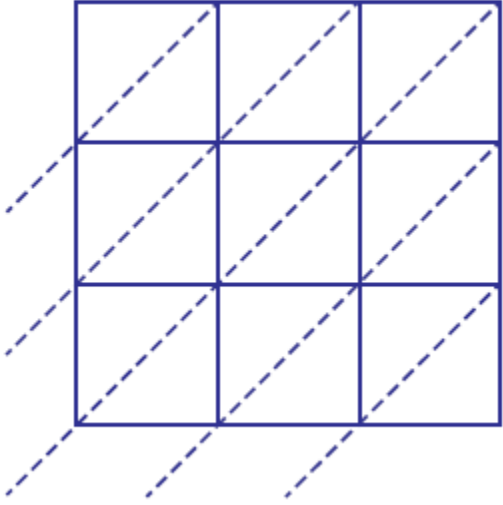
Problem 4:

$$924 \times 605$$



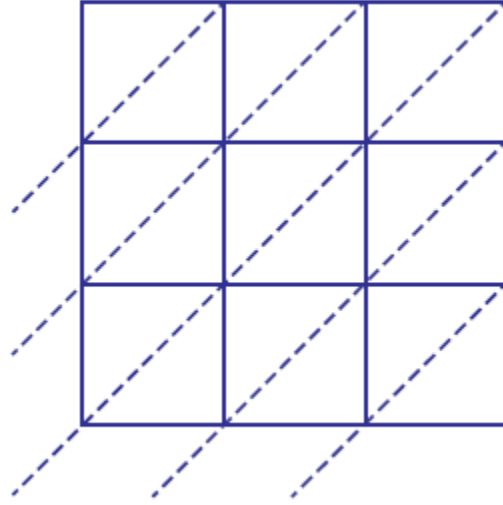
Problem 5: (We Do)

515 x 708



Problem 6: (You Do)

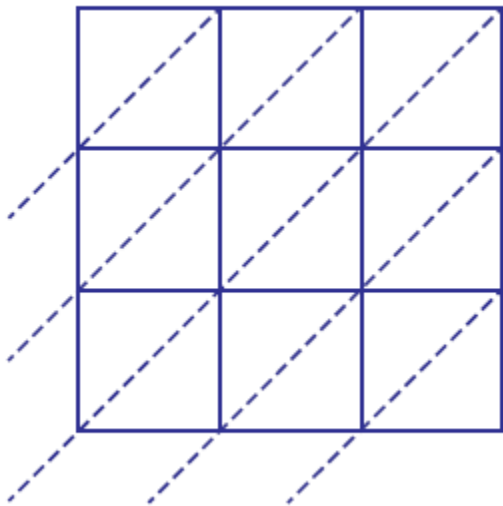
842 x 197



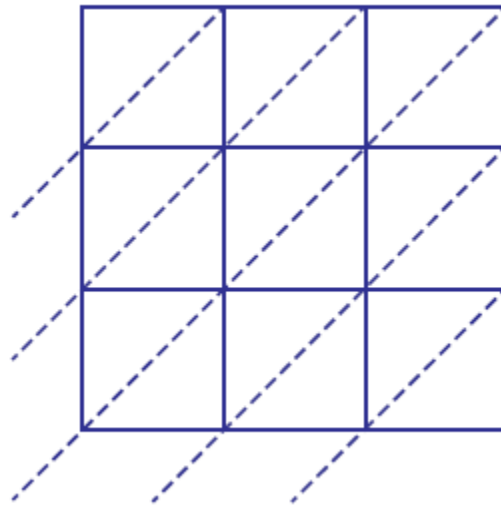
Problem Set:

Use lattice method to solve each problem.

852 x 712

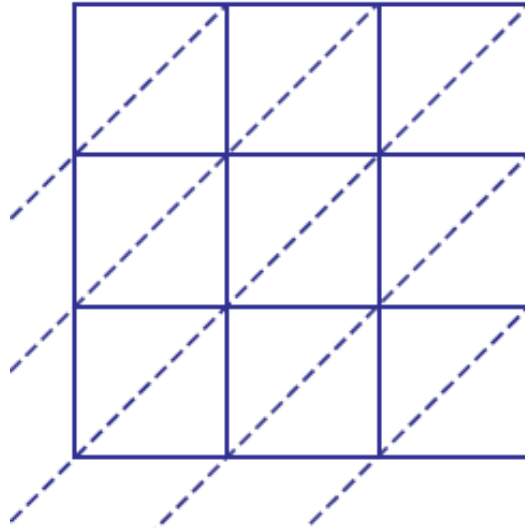


618 x 707



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?

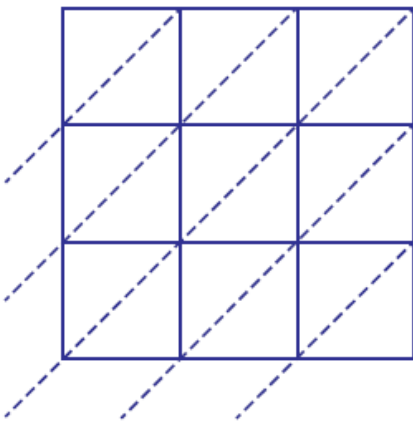


Answer: _____ pieces of junk-mail

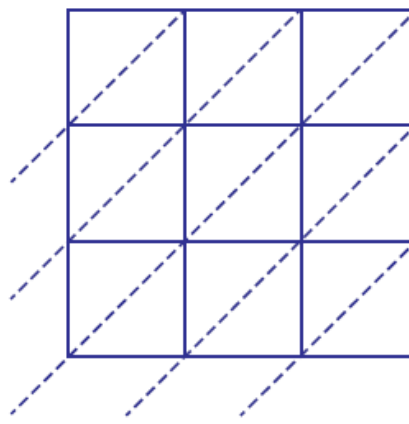
Exit Ticket

Use lattice method to solve each problem.

218 x 704



655 x 974





Name _____

5th Grade Math Remote Learning Packet

Week 8



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(Parent Signature)

(Date)

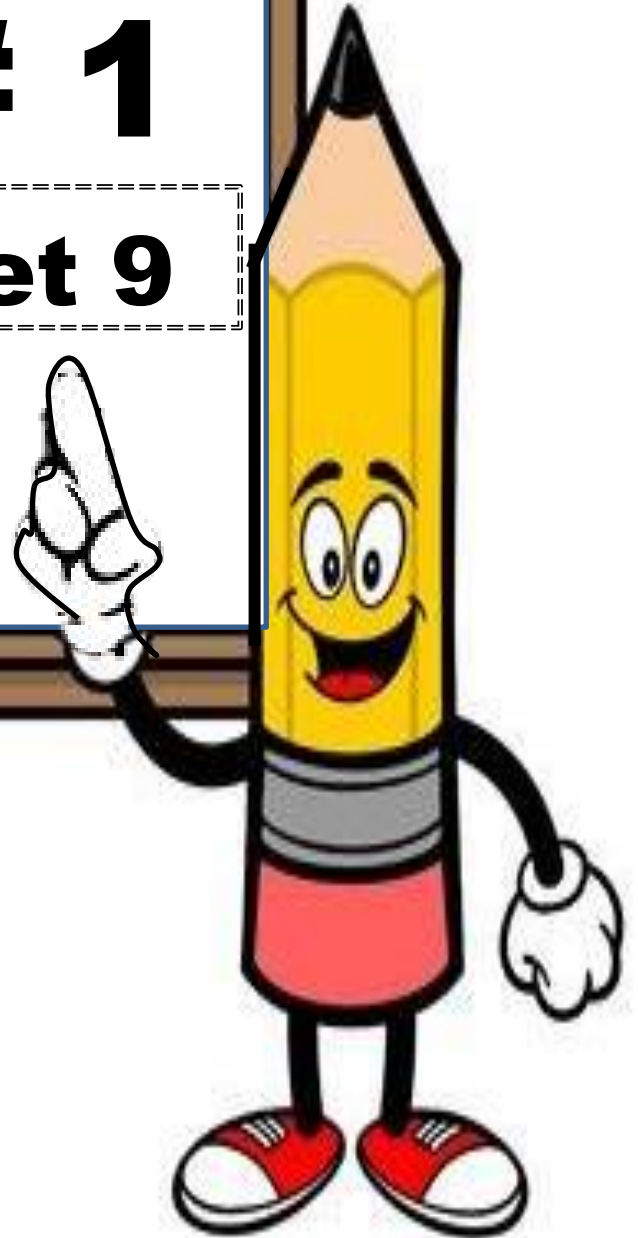
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Day # 1

Mod 2 Packet 9



Name: _____ Week 8 Day 1 Date: _____

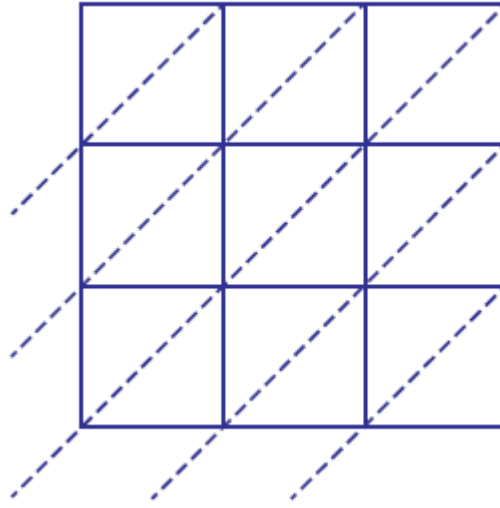
BCCS-Boys

Stanford MIT

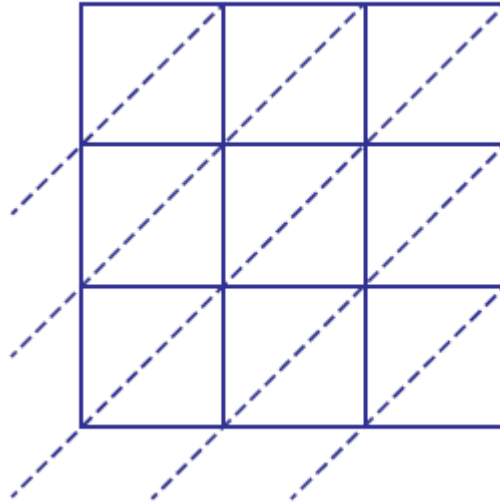
Do Now

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)

$$518 \times 279$$

Problem 2: (Standard Algorithm)

$$518 \times 279$$

Problem 3: (Partial Product)

$$353 \times 816$$

Problem 4: (Standard Algorithm)

$$658 \times 321$$

Problem 5: (Partial Product)

$$905 \times 811$$

Problem 6: (Standard Algorithm)

$$273 \times 126$$

Problem Set:

Use the standard algorithm/partial product to solve each problem

$$456 \times 152$$

$$217 \times 708$$

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

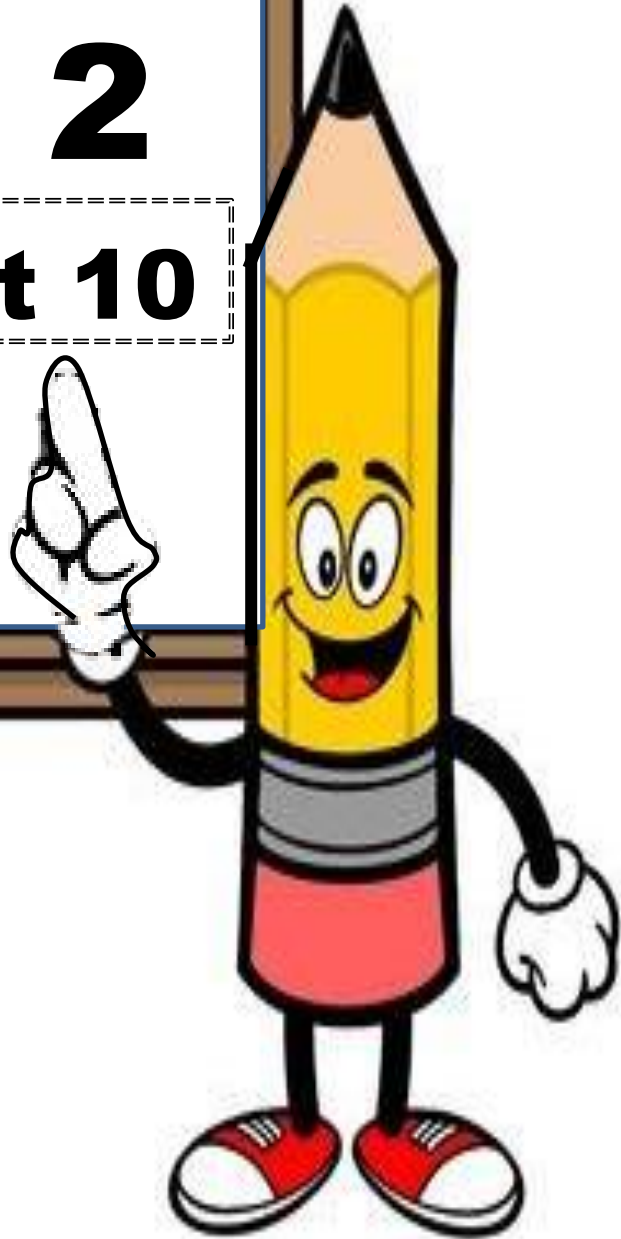
717×104

475×264



Day # 2

Mod 2 Packet 10



Name: _____ Week 8 Day 2 Date: _____

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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.

$18 \times (41 - 33)$

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?

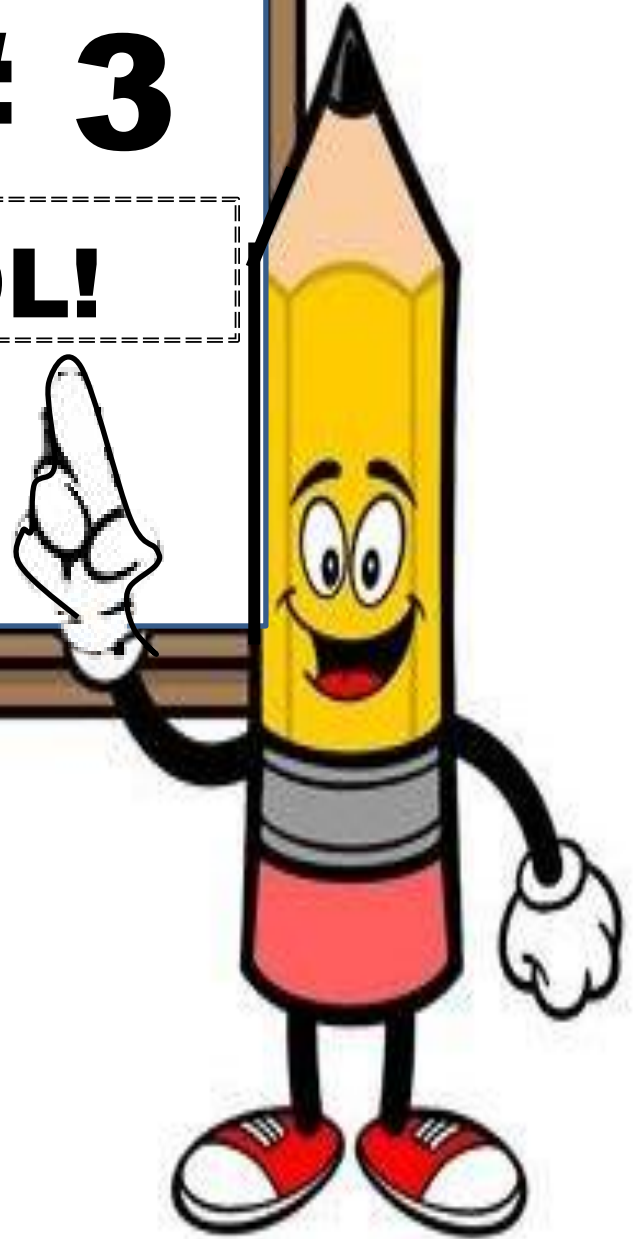
Answer: He has _____stickers remaining.



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Day # 3

NO SCHOOL!

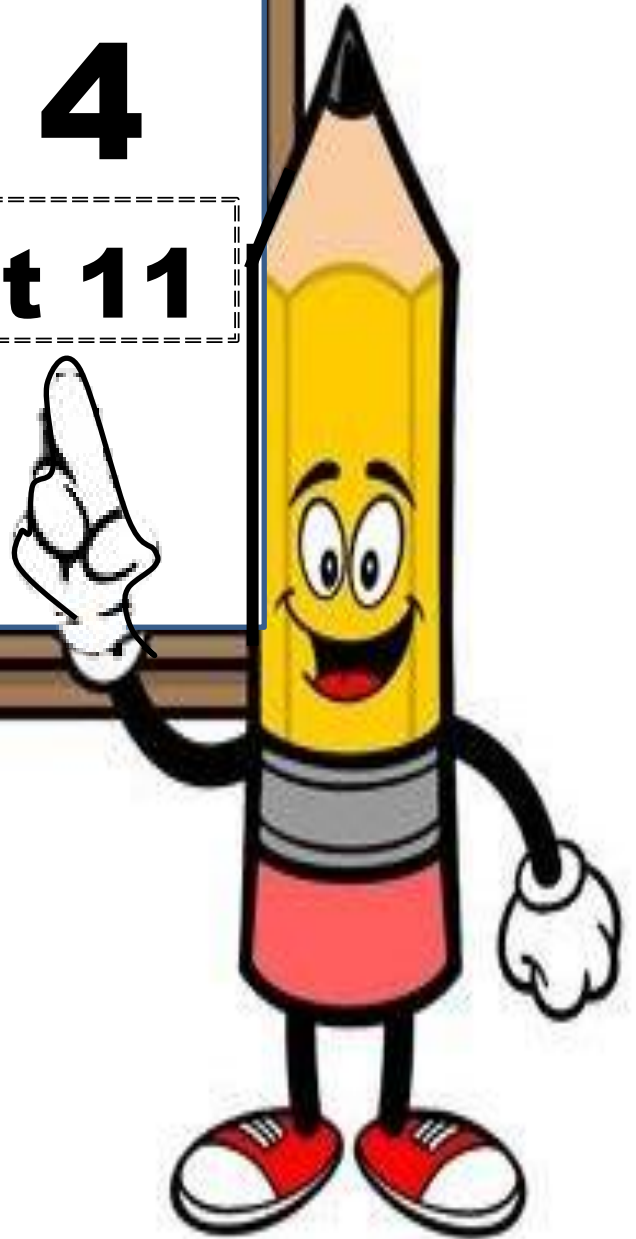




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Day # 4

Mod 2 Packet 11



Name: _____ Week 8 Day 4 Date: _____

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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

$$43 \times 2.4$$

Rename 2.4 into tenths _____

Solve:

Problem 2

$$3.5 \times 42$$

Rename 3.5 into tenths _____

Solve:

Problem 3

$$15.6 \times 73$$

Rename 15.6 into tenths _____

Solve:

Problem 4

$$43 \times 2.4$$

Rename 2.4 into tenths _____

Solve:

Problem 5

$$25.1 \times 45$$

Rename 25.1 into tenths _____

Solve:

Problem 6

$$78 \times 3.5$$

Rename 3.5 into tenths _____

Solve:

Problem Set:

a. $22 \times 2.4 =$ _____

b. $3.1 \times 33 =$ _____

c. $2.3 \times 94 =$ _____

d. $6.3 \times 44 =$ _____

Exit Ticket

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

$$33.2 \times 21 = \underline{\hspace{2cm}}$$

Change 33.2 to tenths

Solve.

$$1.7 \times 55 = \underline{\hspace{2cm}}$$

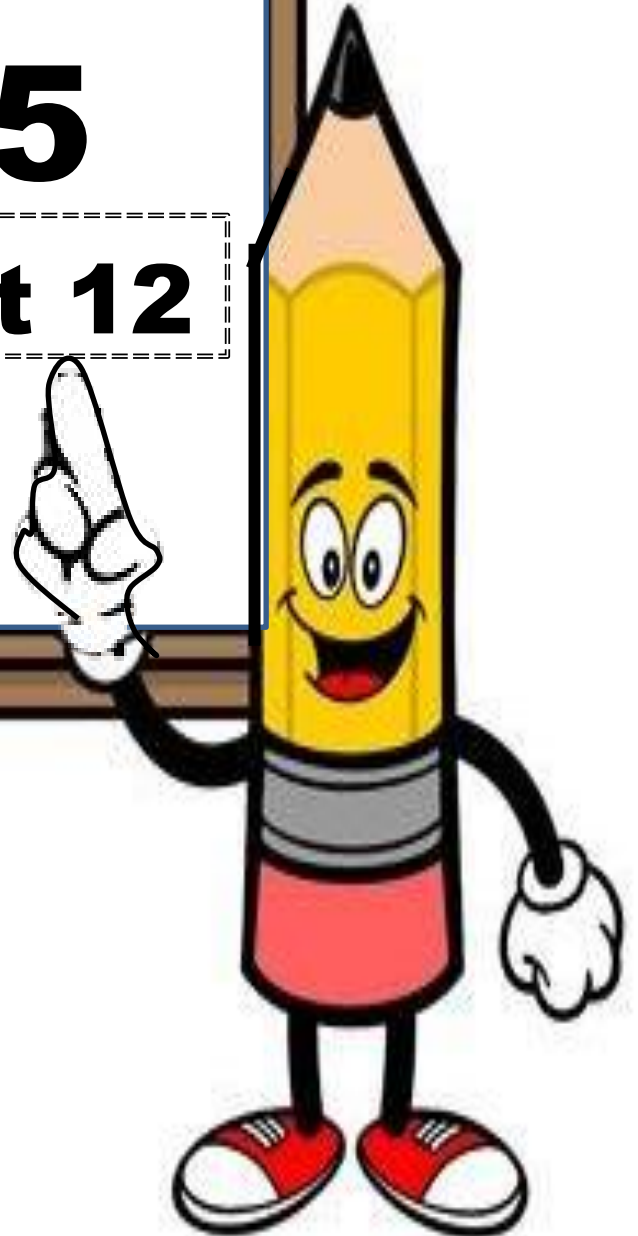
Change 1.7 to tenths

Solve.



Day # 5

Mod 2 Packet 12



Name: _____ Week 8 Day 5 Date: _____

BCCS-Boys

Stanford MIT

Do Now

$$\text{a. } 1.23 \times 53$$

$$\text{b. } 1.57 \times 432$$

Input Activity:

Problem 1

$$12.5 \times 232$$

Rename 12.5 to

_____ tenths

Solve:

Re-write product with
the decimal _____

Problem 2

$$3.12 \times 428$$

Rename 3.12 to

_____ hundredths

Solve:

Re-write the product with
the decimal _____

Problem 3

$$2.31 \times 201$$

Rename 2.31 to

_____ hundredths

Solve:

Re-write product with
the decimal _____

Problem 4

$$126 \times 1.11$$

Rename 1.11 to

_____ hundredths

Solve:

Re-write the product with
the decimal _____

Problem Set:

$$1.21 \times 14$$

Rename 1.21 to _____ hundredths

Solve:

$$2.45 \times 305$$

Rename 2.45 to _____ hundredths

Solve:

$$1.3 \times 26$$

Rename 1.3 to _____ tenths

Solve:

$$7.06 \times 28$$

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

$$3.03 \times 402$$

Rename 3.03 to _____ hundredths

Solve:

$$667 \times 1.25$$

Rename 1.25 to _____ hundredths

Solve: