

Name \_\_\_\_\_

# 5<sup>th</sup> Grade Math Remote Learning Packet

## Week 5



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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)

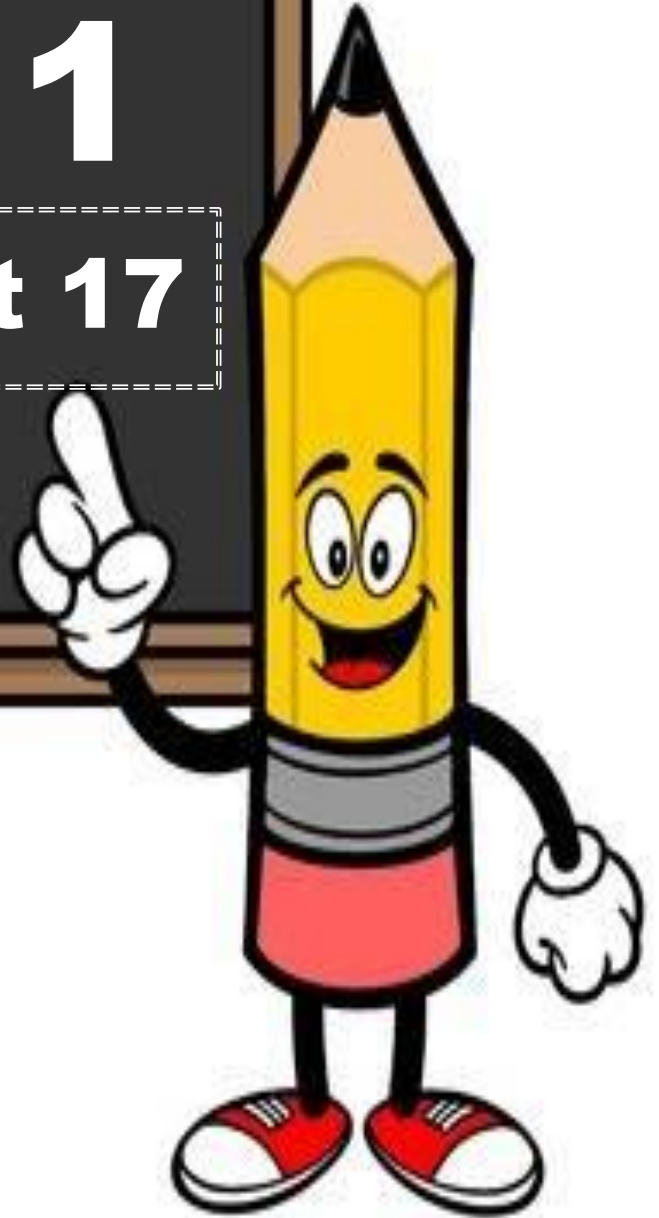
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(Date)

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



# Day # 1

Mod 1 Packet 17



Name: \_\_\_\_\_ Week 5 Day 1 Date: \_\_\_\_\_

BCCS-Boys

Stanford MIT

**Do Now**

$3.54 \div 3 =$

$$3 \overline{) 3.54}$$

$82.6 \div 2 =$

$$2 \overline{) 82.6}$$

Input Activity

D

M

S

C

B

$$\begin{array}{r} \overline{\phantom{00}} \overline{\phantom{00}} \overline{\phantom{00}} \\ 2 \overline{) 4.59} \end{array}$$

D

M

S

C

B

$$\begin{array}{r} \overline{\phantom{00}} \overline{\phantom{00}} \overline{\phantom{00}} \\ 5 \overline{) 326} \end{array}$$

D  
M  
S  
C  
B

$$\begin{array}{r} \text{---} \text{---} \text{---} \\ 5 \overline{) 87.6} \end{array}$$

D  
M  
S  
C  
B

$$\begin{array}{r} \text{---} \text{---} \text{---} \\ 4 \overline{) 178} \end{array}$$

**Problem Set:**

Find the quotient.

Show your work!

$515 \div 4$

D

M

S

C

B

$$4 \overline{) 515}$$

$14.2 \div 8$

D

M

S

C

B

$$8 \overline{) 14.2}$$

**Application Problem:**

A bag of potato chips contains 0.96 grams of sodium. If the bag is split into 8 equal servings, how many grams of sodium will each serving contain?

C

U

B

E

S

Answer Statement: \_\_\_\_\_

\_\_\_\_\_

## Exit Ticket

Find the quotient using DMSCB. Show all work.

$784 \div 5$

D

M

S

C

B

$$5 \overline{) 784}$$

$7.45 \div 2$

D

M

S

C

B

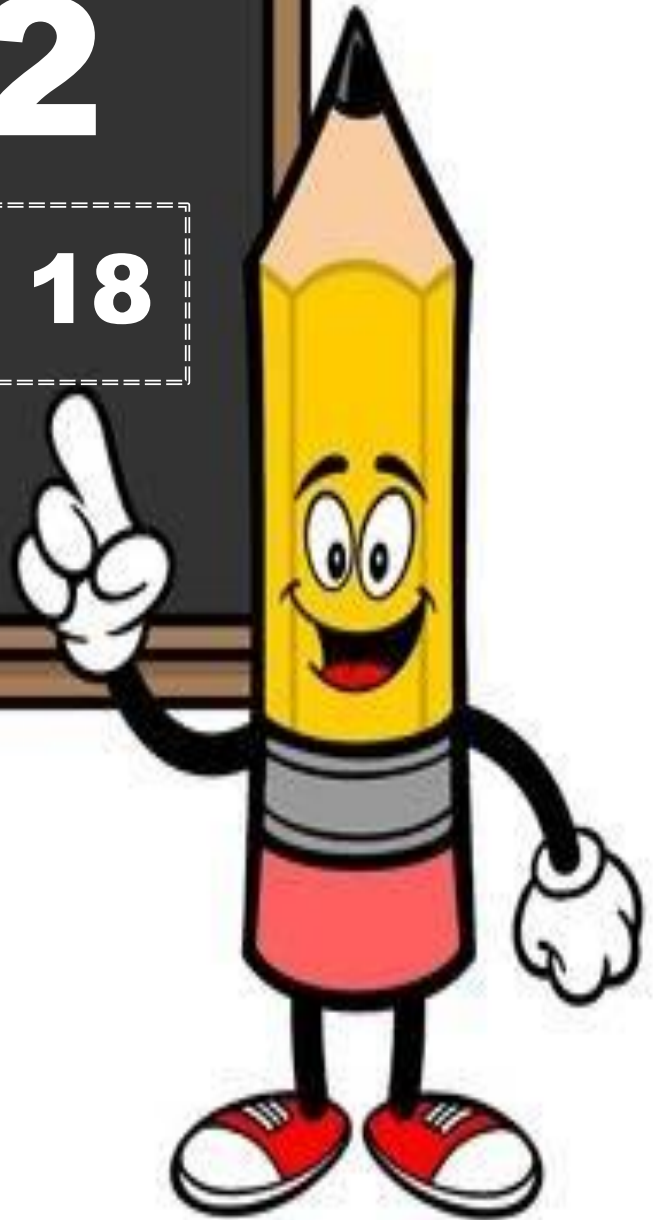
$$2 \overline{) 7.45}$$





# Day # 2

Mod 1 Packet 18



Name: \_\_\_\_\_ Week 5 Day 2 Date: \_\_\_\_\_

BCCS-Boys

Stanford MIT

**Do Now**

$3.64 \div 7 =$

$$7 \overline{) 3.64}$$

$.984 \div 4 =$

$$4 \overline{) .984}$$

**Input Activity:**

Ms. Young distributed \$126 equally among her 4 children for their weekly allowance. How much did each child receive?

Use the C-U-B-E-S process to solve this problem.

C

U

B

E

S

Answer Statement: \_\_\_\_\_

\_\_\_\_\_

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

John, the oldest child, paid his siblings to do his chores. If John pays his allowance equally to his brother and two sisters, how much money will each sibling have received in all?

Use the C-U-B-E-S process to solve this problem.

C

U

B

E

S

Answer Statement: \_\_\_\_\_

\_\_\_\_\_

A gardener installed 42.6 meters of fencing in a week. He installed 13.45 meters on Monday and 9.5 meters on Tuesday. He installed the rest of the fence in equal lengths on Wednesday, Thursday, and Friday. How many meters of fencing did he install on each of the last three days?

Use the C-U-B-E-S process to solve this problem.

C

U

B

E

S

Answer Statement: \_\_\_\_\_

\_\_\_\_\_

Jenny charges \$9.15 an hour to baby-sit toddlers and \$7.45 an hour to baby-sit school-aged children. If Jenny baby-sat toddlers for 9 hours and school-aged children for 6 hours, how much money did she earn in all?

Use the C-U-B-E-S process to solve this problem.

C

U

B

E

S

Answer Statement: \_\_\_\_\_  
\_\_\_\_\_

**Problem Set:**

Solve each problem using the C-U-B-E-S Process.

Show your work.

- 1) The bakery uses 0.475 kg of flour to make a batch of muffins, and 0.65 kg to make a loaf of bread.

If 4 batches of muffins and 5 loaves of bread are baked, how much flour will be used in all?

Use the C-U-B-E-S process to solve this problem.

C

U

B

E

S

Answer Statement: \_\_\_\_\_

\_\_\_\_\_

**Application Problem:**

Jomal and three friends buy snacks for a hike. They buy trail mix for \$5.42, apples for \$2.55, and granola bars for \$3.39. If the four friends split the cost of the snacks equally, how much should each friend pay?

Use the C-U-B-E-S process to solve this problem.

C

U

B

E

S

Answer Statement: \_\_\_\_\_  
\_\_\_\_\_



## Exit Ticket

Use the C-U-B-E-S process to solve the following problem. Show all work.

A table and 8 chairs weigh 235.68 lb together. If the table weighs 157.84 lb, what is the weight of one chair in pounds?

C

U

B

E

S

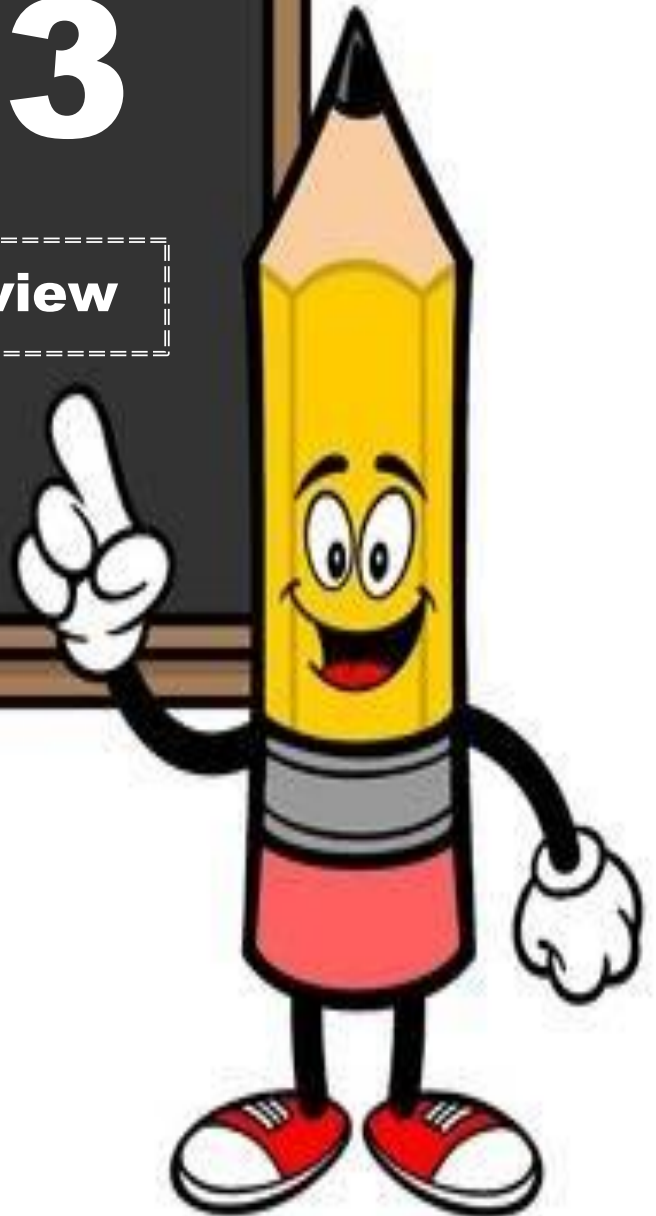
Answer Statement: \_\_\_\_\_

\_\_\_\_\_



# Day # 3

**End of SPA Mod 1 Review**



Name: \_\_\_\_\_ Week 5 Day 3 Date: \_\_\_\_\_

BCCS-Boys

Stanford MIT

**Do Now**

$6.53 \div 5 =$

$$5 \overline{) 6.53}$$

$9.87 \times 6 =$

## Module 1 End of-Module Review

Philip rode his bike for 4.3 miles on Saturday and 3.12 miles on Sunday.  
How much did he ride his bike in all?

Answer \_\_\_\_\_ miles

What is the value of the following expressions?

$$5.89 \times 10^2$$

$$52.34 \times 10^3$$

What is the product of 6.78 and 3?

- A. 2034
- B. 2.034
- C. 20.34
- D. 203.4

James weighed a pumpkin that weighed 14.25 lbs. He found a second pumpkin that weighed 12.4 lbs. What was the weight of both pumpkins?

Answer \_\_\_\_\_ lbs

What is the product of 12.5 and 8?

Answer: \_\_\_\_\_

What is the value of the following expression?

$$56.3 - 18.29$$

What is the product of 1.04 and 5 in expanded form?

Answer: \_\_\_\_\_

Clara ran six miles in 30.54 minutes. How many minutes did it take her to run one mile if it took her the same amount of time to run each mile?

- A. 5.09
- B. 5.90
- C. 4.09
- D. 4.82

What is the product of 0.94 and 4 in expanded form?

- A.  $(3 \times 10) + (7 \times \frac{1}{10}) + (6 \times \frac{1}{100})$
- B.  $(3 \times 1) + (7 \times \frac{1}{10}) + (6 \times \frac{1}{100})$
- C.  $(3 \times \frac{1}{10}) + (7 \times \frac{1}{10}) + (6 \times \frac{1}{100})$
- D.  $(3 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (6 \times \frac{1}{1000})$

**Write the following number in word form**

6.078 \_\_\_\_\_

---

Sydney ate 5 slices of pizza in 7.15 minutes. How many minutes did it take him to eat one slice of pizza if it took him the same amount of time to eat each slice of pizza?

- A. 1.23 minutes
- B. 1.33 minutes
- C. 1.43 minutes
- D. 1.53 minutes

What is 79.154 expressed in word form?

- A. seventy-nine and one hundred fifty-four
- B. seventy-nine and one hundred fifty-four hundredths
- C. seventy-nine one hundred fifty-four thousandths
- D. seventy-nine and one hundred fifty-four thousandths

**Round the following numbers to the nearest tenth.**

5.918 \_\_\_\_\_      76.582 \_\_\_\_\_      3.41 \_\_\_\_\_

What is the sum of 12 tenths + 9 tenths + 45 hundredths

- A. 2.55
- B. 66
- C. 1.47
- D. 1.74

**Round the following number to the whole number.**

4.27 \_\_\_\_\_ 18.501 \_\_\_\_\_ 75.13 \_\_\_\_\_

Mr. Rhodes buys a coffee every single day for 5 days. At the end of the week he spent \$12.25. If he spent the same amount of money each day, how much did he spend each day?

C

U

B

E

S

Answer Statement \_\_\_\_\_



What is the sum of 45 tenths + 3 tenths + 16 hundredths

Answer \_\_\_\_\_

Gary and his 4 friends decided to go to the movies last weekend. They got a bundle pass for \$56.25. If the cost was split evenly by the friends, how much did each friend pay?

C

U

B

E

S

Answer Statement \_\_\_\_\_

\_\_\_\_\_

Mrs. Clute mixed the following fruit juices to create a bowl of fruit punch for the party.

Fruit Juice	Amount Added in Liters
Pineapple	2.54 liters
Orange	1.05 liters
Grape	1.10 liters
Apple	.870 liters

About how much juice did she use in liters. Estimate the amount of each fruit juice by rounding to the nearest tenth of a liter.

Pineapple  $\approx$  \_\_\_\_\_

Orange  $\approx$  \_\_\_\_\_

Grape  $\approx$  \_\_\_\_\_

Apple  $\approx$  \_\_\_\_\_

What is the sum of the estimated amounts?

Answer \_\_\_\_\_ liters

What is the actual amount of juice that was used to make the fruit punch?

Answer \_\_\_\_\_ liters

What is the difference between your estimated amount and actual amount?

Answer \_\_\_\_\_ liters

What is the value of the following expression?

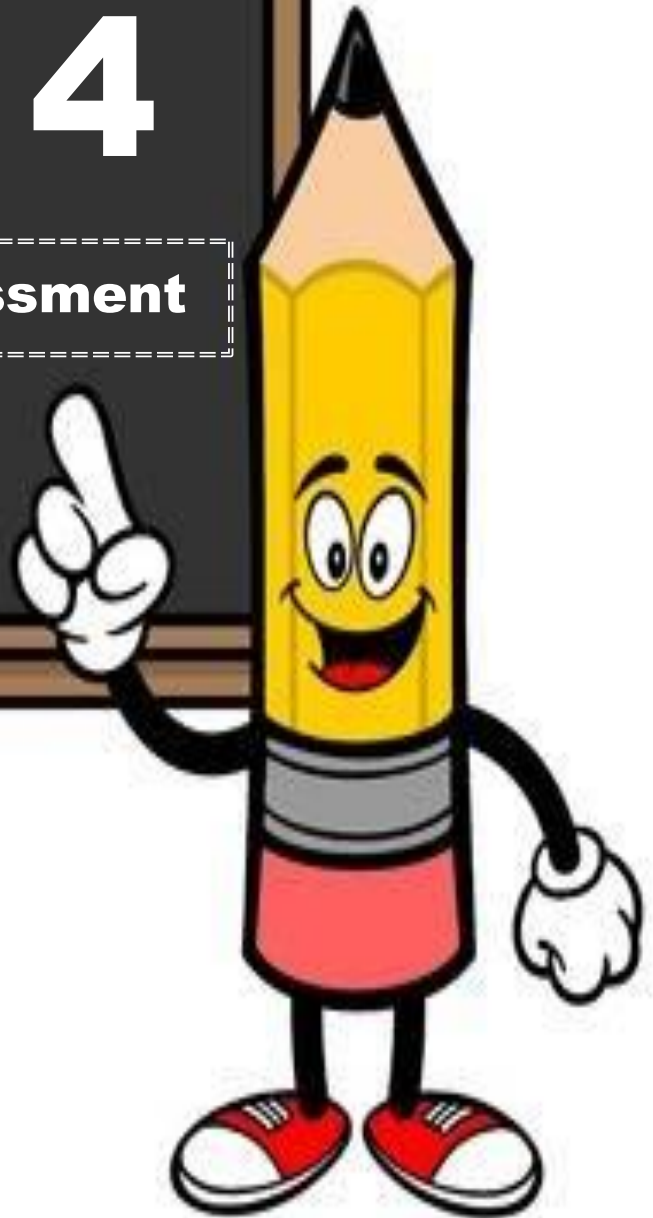
$$91.7 - 45.39$$

Answer \_\_\_\_\_



# Day # 4

**End of SPA Mod 1 Assessment**



Name: \_\_\_\_\_ Week 5 Day 4 Date: \_\_\_\_\_

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## End of Mod 1 SPA Assessment

Part 1 – Multiple Choice

Google Classroom – Math Class – Classwork – Click the Google Form

Part 2 – Complete the Part 2 and submit your answers on EdLight. Show your work in the spaces below!

12. Chemical A:  $10.357 \approx$  \_\_\_\_\_

Chemical B:  $12.062 \approx$  \_\_\_\_\_

Chemical C:  $7.506 \approx$  \_\_\_\_\_

13. Rounded sum of medicine mixed by Dr. Mann.

Answer \_\_\_\_\_ grams

14. Find the sum of the actual amounts of medicine mixed by Dr. Mann.

**Answer** \_\_\_\_\_ grams

15. What is the difference between your estimated amount and actual amount?

**Answer** \_\_\_\_\_ grams

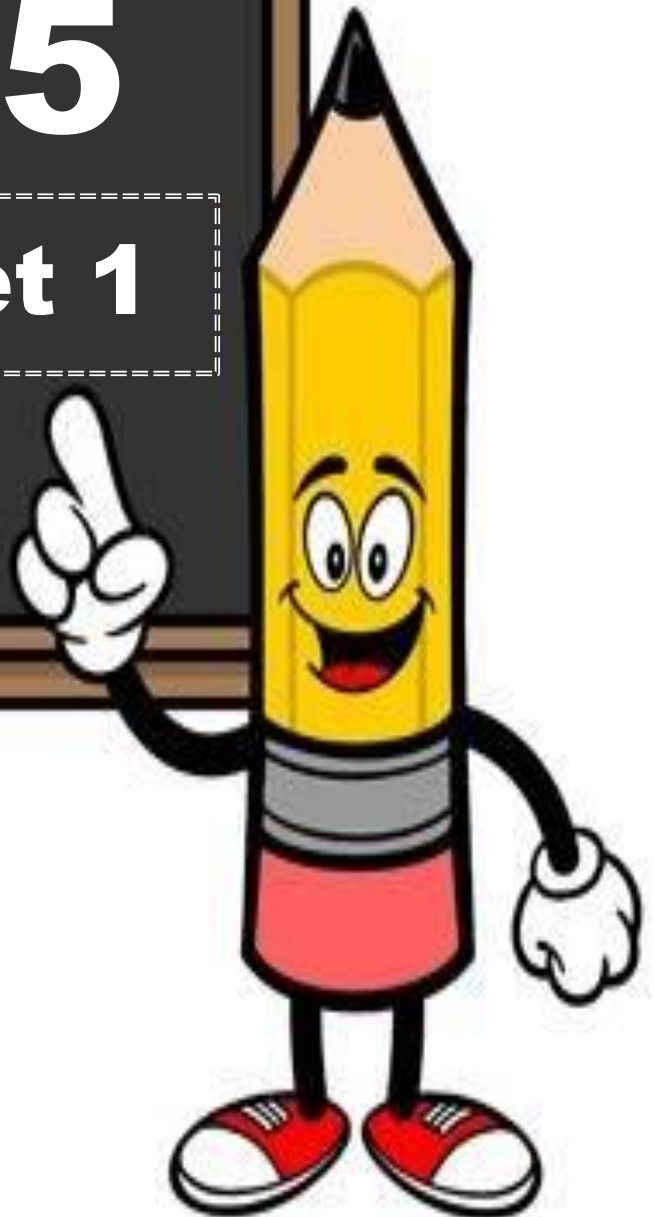
16. How many pounds of peanuts were in each bag?

**Answer:** \_\_\_\_\_ pounds



# Day # 5

Mod 2 Packet 1



Name: \_\_\_\_\_ Week 5 Day 5 Date: \_\_\_\_\_

BCCS-Boys

Stanford MIT

### Do Now

**The members of the Science Club went to a history museum. It cost \$7.25 for each member of the club. If 9 members went to the museum, how much would the total cost be?**

Answer Statement \_\_\_\_\_

**Elijah had \$73.85. He wants to divide this amount evenly between himself and four of his friends. How much should each person get?**

Answer Statement \_\_\_\_\_



### Input Activity

$$4 \times 30$$

Ignore all zeros

$$\text{Multiply } 4 \times 3 = \underline{\hspace{2cm}}$$

Add the zeros to end

$$\text{Final Product: } \underline{\hspace{2cm}}$$

---

$$40 \times 30$$

Ignore all zeros

$$\text{Multiply } 4 \times 3 = \underline{\hspace{2cm}}$$

Add the zeros to end

$$\text{Final Product: } \underline{\hspace{2cm}}$$

---

$$40 \times 300$$

Ignore all zeros

$$\text{Multiply } 4 \times 3 = \underline{\hspace{2cm}}$$

Add the zeros to end

$$\text{Final Product: } \underline{\hspace{2cm}}$$

$$4,000 \times 30$$

Ignore all zeros

Multiply  $4 \times 3 =$  \_\_\_\_\_

Add the zeros to end

Final Product: \_\_\_\_\_

---

$$60 \times 5$$

Final Product: \_\_\_\_\_

---

$$60 \times 50 =$$
 \_\_\_\_\_

Final Product: \_\_\_\_\_

---





## Problem Set:

Fill in the blanks using your knowledge of place value and basic facts.

a.  $23 \times 20 =$  \_\_\_\_\_

b.  $230 \times 20 =$  \_\_\_\_\_

c.  $41 \times 4 =$  \_\_\_\_\_

d.  $410 \times 400 =$  \_\_\_\_\_

e.  $3,310 \times 300 =$  \_\_\_\_\_

f.  $500 \times 600 =$  \_\_\_\_\_

## Application Problem:

Tickets to a baseball game are \$10 for an adult and \$5 for a student. A school buys tickets for 45 adults and 600 students. How much money will the school spend for the tickets?

Answer: \_\_\_\_\_

## Exit Ticket

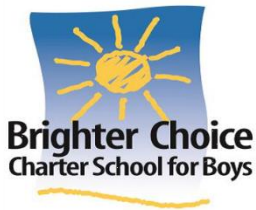
Find the products. Show all work.

$1,900 \times 20 = \underline{\hspace{2cm}}$

$250 \times 300 = \underline{\hspace{2cm}}$

$6,000 \times 50 = \underline{\hspace{2cm}}$

$500 \times 200 = \underline{\hspace{2cm}}$



Name \_\_\_\_\_

# 5<sup>th</sup> Grade Math Remote Learning Packet

## Week 6



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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)

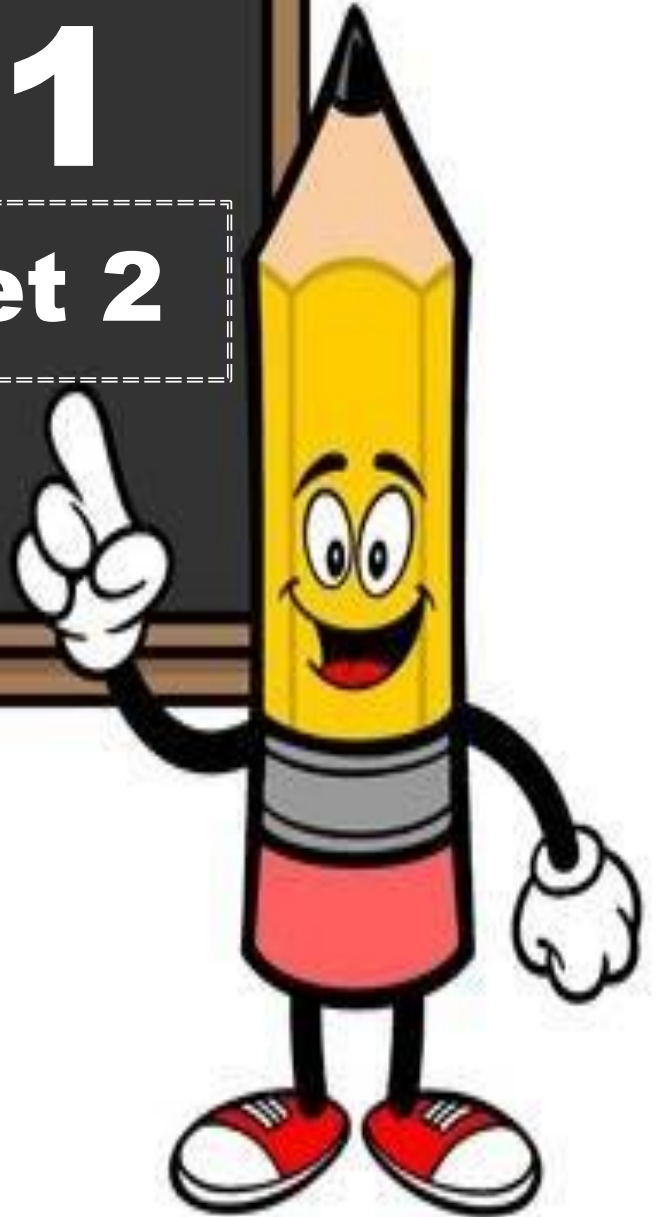
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# Day # 1

Mod 2 Packet 2





Name: \_\_\_\_\_ Week 6 Day 1 Date: \_\_\_\_\_

BCCS-Boys

Stanford MIT

### Do Now

**Oliver and James bought a new PS4 game this past weekend with their own money. The total amount of the game was \$64.12. If both boys split the cost of the game, how much did each boy have to pay?**

C  
U  
B  
E  
S

Answer Statement \_\_\_\_\_

**Sebastian charges \$8.75 an hour to mow lawns and \$7.25 an hour to walk dogs. If Sebastian mows lawns for 4 hours and walks dogs for 5 hours, how much money did he earn in all?**

C  
U  
B  
E  
S

Answer Statement \_\_\_\_\_

### Input Activity

How many scholars do we have in class? \_\_\_\_\_

How many scholars are in the other class? \_\_\_\_\_

What is the actual number of scholars in 5<sup>th</sup> grade? \_\_\_\_\_

**About** how many scholars are in 5<sup>th</sup> grade? \_\_\_\_\_

**Key Term:**

Estimate \_\_\_\_\_

Front-End Estimation \_\_\_\_\_

**Steps to Estimating Sums/Differences**

1. Put an X under the problem.
2. Draw arrows to right.
3. Round each number to the given place. If no place is given, use front-end estimation.

**Ex:**

$$\begin{array}{r} 5,672 \text{-----} \rightarrow \\ + 3,253 \text{-----} \rightarrow \\ \hline \end{array}$$

$$\begin{array}{r} 47,892 \text{-----} \rightarrow \\ - 13,024 \text{-----} \rightarrow \\ \hline \end{array}$$

$$\begin{array}{r} 390,942 \text{-----}> \\ - \underline{81,923} \text{-----}> \end{array}$$

$$\begin{array}{r} 77,832 \text{-----}> \\ + \underline{32,363} \text{-----}> \end{array}$$

$$\begin{array}{r} 124,674 \text{-----}> \\ + \underline{413,024} \text{-----}> \end{array}$$

$$\begin{array}{r} 942,863 \text{-----}> \\ - \underline{123,964} \text{-----}> \end{array}$$

$$\begin{array}{r} 97,563 \text{-----}> \\ + \underline{63,912} \text{-----}> \end{array}$$

$$\begin{array}{r} 8,153,672 \text{-----}> \\ - \underline{5,814,034} \text{-----}> \end{array}$$

$$\begin{array}{r} 8,051,602 \text{-----}> \\ - \underline{1,554,434} \text{-----}> \end{array}$$

$$\begin{array}{r} 4,344,660 \text{-----}> \\ + \underline{1,356,116} \text{-----}> \end{array}$$

Products

1. Put an X under the problem.

$$5,672 \text{-----}>$$

2. Draw arrows to right.

$$\begin{array}{r} x \quad 3 \text{-----}> \\ \hline \end{array}$$

3. Round each number to the given place. If no place is given, use front-end estimation. If the number is single digit, leave it alone.

4. Multiply by multiples (ignore and move zeros to answer and multiply non zero numbers).

---

$$456 \text{-----}>$$

$$\underline{x \quad 2} \text{-----}>$$

$$4,560 \text{-----}>$$

$$\underline{x \quad 43} \text{-----}>$$

---

$$4,560 \text{-----}>$$

$$\underline{x \quad 420} \text{-----}>$$

$$1,320 \text{-----}>$$

$$\underline{x \quad 88} \text{-----}>$$

**Problem Set:**

Round the factors to estimate the products.

$$\begin{array}{r} 3,120 \text{-----}> \\ \times \underline{880} \text{-----}> \end{array}$$

$$\begin{array}{r} 8,368 \text{-----}> \\ \times \underline{8} \text{-----}> \end{array}$$

$$\begin{array}{r} 4,703 \text{-----}> \\ \times \underline{56} \text{-----}> \end{array}$$

$$\begin{array}{r} 9,522 \text{-----}> \\ \times \underline{6} \text{-----}> \end{array}$$

$$\begin{array}{r} 7,963 \text{-----}> \\ \times \underline{357} \text{-----}> \end{array}$$

$$\begin{array}{r} 4,126 \text{-----}> \\ \times \underline{78} \text{-----}> \end{array}$$

### Application Problem:

There are 19,763 tickets available for a New York Knicks home game. If there are 41 home games in a season, about how many tickets are available for all the Knicks' home games?

Answer: \_\_\_\_\_

### Exit Ticket

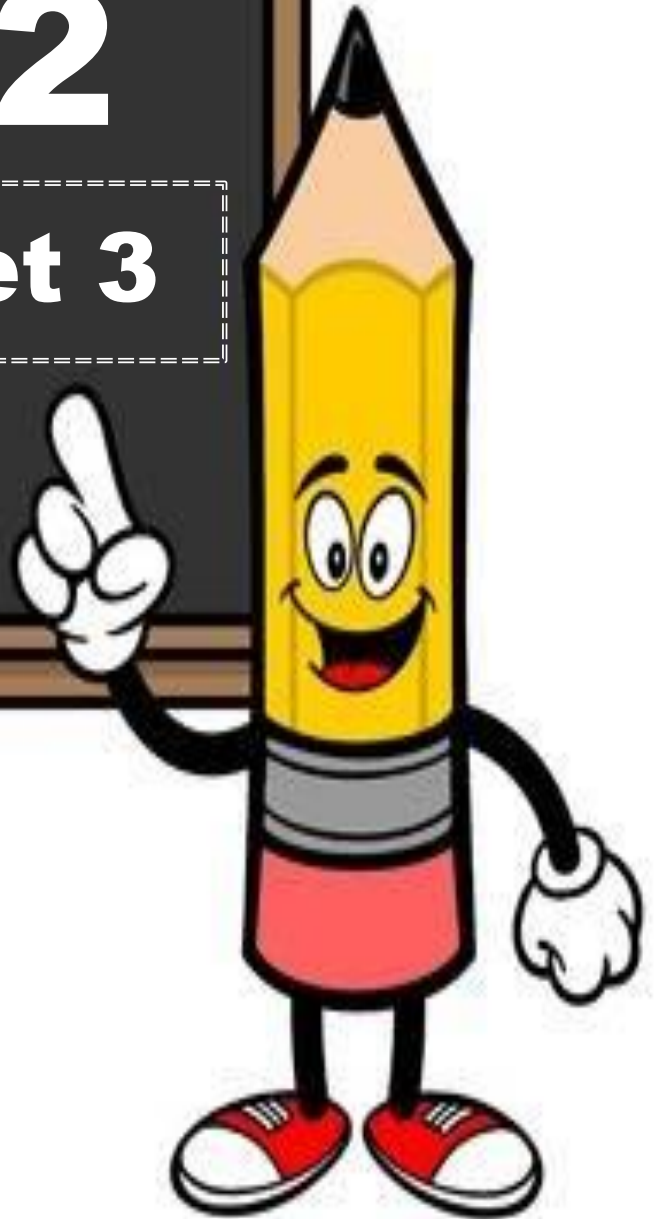
Round the factors to estimate the products.

$656 \times 106 \approx \underline{\hspace{2cm}}$	$3,106 \times 7,942 \approx \underline{\hspace{2cm}}$
$425 \times 9,311 \approx \underline{\hspace{2cm}}$	$8,633 \times 7,008 \approx \underline{\hspace{2cm}}$



# Day # 2

Mod 2 Packet 3



Name: \_\_\_\_\_ Week 6 Day 2 Date: \_\_\_\_\_

BCCS-Boys

Stanford MIT

### Do Now

**Estimate each product.**

$\begin{array}{r} 2,452 \text{-----} \rightarrow \\ \times \quad 65 \text{-----} \rightarrow \\ \hline \end{array}$	$\begin{array}{r} 320 \text{-----} \rightarrow \\ \times \quad 88 \text{-----} \rightarrow \\ \hline \end{array}$
$\begin{array}{r} 978 \text{-----} \rightarrow \\ \times \quad 12 \text{-----} \rightarrow \\ \hline \end{array}$	$\begin{array}{r} 5,489 \text{-----} \rightarrow \\ \times \quad 71 \text{-----} \rightarrow \\ \hline \end{array}$



## Input Activity:

### Key Term:

Parentheses \_\_\_\_\_

Symbol \_\_\_\_\_

- **Whatever is in the \_\_\_\_\_ must be done \_\_\_\_\_.**

Double \_\_\_\_\_

Triple \_\_\_\_\_

### Word Form to Numerical Expression

#### Problem 1:

**3 times the sum of 26 and 4**

Let's re-write it in numerical expression:

---

Solve:

**Problem 2:**

**3 times the difference between 60 and 51**

Re-write it in numerical expression:

---

Solve:

**Problem 3:**

**The sum of 2 twelves and 4 threes**

Re-write it in numerical expression:

---

Solve:

## Numerical Expression to Word Form

### Problem 4:

$$8 \times (43 - 13)$$

word form: \_\_\_\_\_

Solve:  $8 \times (43 - 13)$

### Problem 5:

$$(16 + 9) \times 4$$

word form: \_\_\_\_\_

Solve:  $(16 + 9) \times 4$

**Problem 6:**

**$(20 \times 3) + (5 \times 3)$**  word form: \_\_\_\_\_

Solve:  **$(20 \times 3) + (5 \times 3)$**

**Comparison of Expressions in Word Form and Numerical Form**

Use  $<$ ,  $>$ , or  $=$  to solve each problem. You must solve each problem before comparing.

**Problem 7:**

**$9 \times 13$**   **8 thirteens**



**Problem 8:**

The sum of 10 and 9, doubled   $(2 \times 10) + (2 \times 9)$



**Problem 9:**

30 fives minus fifteen   $29 \times 10$



## Problem Set:


Write the numerical expression, then solve.

a. The sum of 8 and 7, doubled Expression _____	b. 4 times the sum of 14 and 26 Expression _____
--	---

Write the numerical expression in words. Then solve. Remember to solve the parentheses first.

Expression	Words	The Value of the Expression (Solve)
$(62 - 12) \times 11$		

Compare the two expressions using  $<$ ,  $>$ , or  $=$ . Solve each expression before comparing.

$4 \times (20 + 5)$		$(25 + 5) \times 2$
---------------------	---	---------------------

### Application Problem:

Robin is 11 years old. Her mother is 2 years more than 3 times Robin's age. How old is Robin's mother?

Numerical Expression \_\_\_\_\_

Solve:

Answer : \_\_\_\_\_

### Exit Ticket

Write the numerical expression in words. Then solve. Remember to solve the parentheses first.

a. 5 times the sum of 16 and 4 Expression _____	b. The sum of 5 twos and 2 threes Expression _____
c. The difference between 8 sevens and 7 fours Expression _____	d. 6 times the sum of 12 and 8 Expression _____



# Day # 3

Mod 2 Packet 4





Name: \_\_\_\_\_ Week 6 Day 3 Date: \_\_\_\_\_

BCCS-Boys

Stanford MIT

### Do Now

**Estimate each product.**

$\begin{array}{r} 3,487 \text{-----}> \\ \times \quad 26 \text{-----}> \\ \hline \end{array}$	$\begin{array}{r} 4,892 \text{-----}> \\ \times \quad 531 \text{-----}> \\ \hline \end{array}$
$\begin{array}{r} 9,270 \text{-----}> \\ \times \quad 41 \text{-----}> \\ \hline \end{array}$	$\begin{array}{r} 6,419 \text{-----}> \\ \times \quad 57 \text{-----}> \\ \hline \end{array}$

### Input Activity

## Word Form to Numerical Expression

### Problem 1:

**8 times the sum of 12 and 14**

Let's re-write it in numerical expression:

---

Solve:

### Problem 2:

**5 times the difference between 72 and 57**

Re-write it in numerical expression:

---

Solve:

### Problem 3:

**The sum of 8 tens and 2 fives**

Re-write it in numerical expression:

---

Solve:

**Problem 4:**

**The sum of 3 eights and 7 sixes**

Re-write it in numerical expression:

---

Solve:

## Numerical Expression to Word Form

### Problem 5:

**$3 \times (40 - 12)$**  word form: \_\_\_\_\_

Solve:  **$3 \times (40 - 12)$**

### Problem 6:

**$(14 + 2) \times 4$**  word form: \_\_\_\_\_

Solve:  **$(14 + 2) \times 4$**

**Problem 7:**

**$(10 \times 5) + (15 \times 3)$**  word form: \_\_\_\_\_

Solve:  **$(10 \times 5) + (15 \times 3)$**

**Comparison of Expressions in Word Form and Numerical Form**

Use  $<$ ,  $>$ , or  $=$  to solve each problem. You must solve each problem before comparing.

**Problem 8:**

**$9 \times 12$**   **8 fives**



**Problem 9:**

The sum of 14 and 2, doubled   $(3 \times 10) + (2 \times 9)$



**Problem 10:**

6 fourteens minus eight   $22 \times 5$



## Problem Set:

Write the numerical expression, then solve.

<p>a. The sum of 4 and 5, doubled</p> <p>Expression _____</p>	<p>b. 3 times the difference of 41 and 26</p> <p>Expression _____</p>
<p>c. 2 times the sum between 37 and 24</p> <p>Expression _____</p>	<p>d. The sum of 3 sixes and 8 fives</p> <p>Expression _____</p>
<p>e. The difference between 7 sevens and 3 eights</p> <p>Expression _____</p>	<p>f. Triple the sum of 25 and 17</p> <p>Expression _____</p>

## Application Problem:

Alex is 10 years old. His grandmother is 5 years more than 4 times Alex's age. How old is Alex's grandmother?

Write a numerical expression \_\_\_\_\_

Solve:

Answer: \_\_\_\_\_

## Exit Ticket

Write the numerical expression, then solve. Remember to solve the parentheses first.

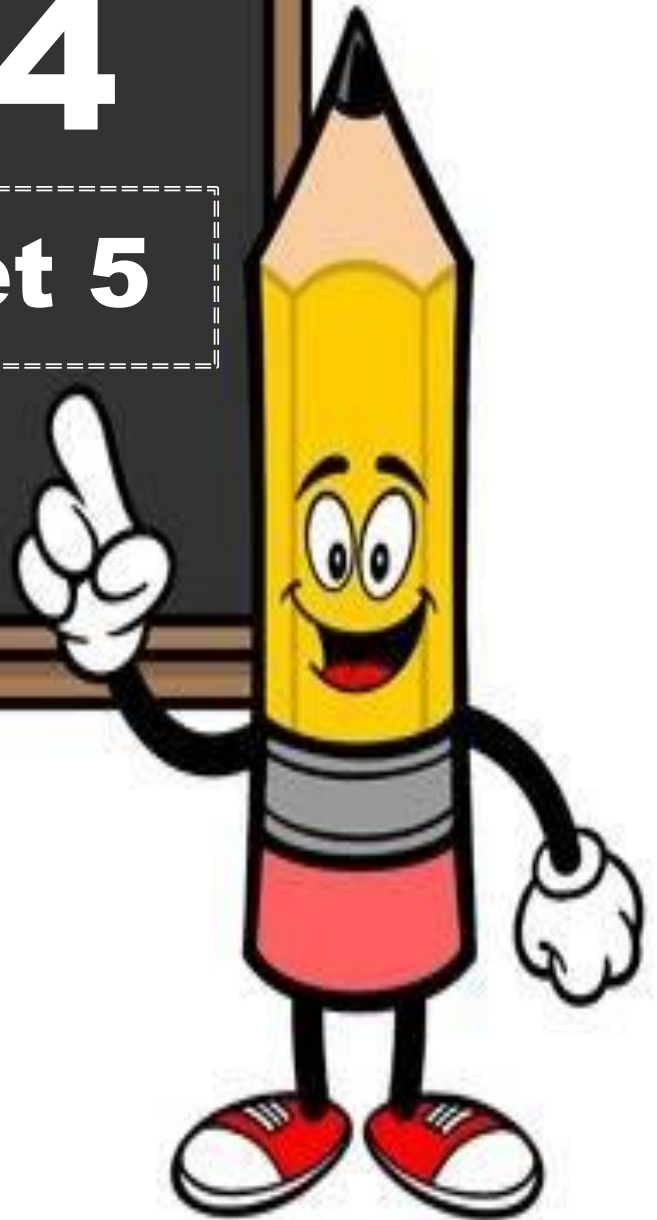
<p>a. The sum of 62 and 24, tripled</p> <p>Numerical Expression _____</p> <p>Solve:</p>	<p>b. 3 times the sum of 4 and 22</p> <p>Numerical Expression _____</p> <p>Solve:</p>
<p>c. 8 times the difference between 34 and 26</p> <p>Numerical Expression _____</p> <p>Solve:</p>	<p>d. The sum of 3 sixes and 4 fives</p> <p>Numerical Expression _____</p> <p>Solve:</p>





# Day # 4

Mod 2 Packet 5



Name: \_\_\_\_\_ Week 6 Day 4 Date: \_\_\_\_\_

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### Do Now

Write the numerical expression, then solve.

<p>The sum of 14 and 23, doubled</p> <p>Expression _____</p>	<p>5 times the difference of 75 and 28</p> <p>Expression _____</p>
<p>Triple the sum of 22 and 45</p> <p>Expression _____</p>	<p>The product of 5 and 6, doubled</p> <p>Expression _____</p>

## Input Activity

Multiplying 2 digits using area models.

### Steps:

1. \_\_\_\_\_ both factors. Write one part above each box.
2. \_\_\_\_\_ each top number with side number to get a partial product in each box.
3. \_\_\_\_\_ all of the \_\_\_\_\_  
\_\_\_\_\_ get your final answer.

### Problem 2:

$$49 \times 21$$


### Problem 1: $38 \times 29$

	30	8
20		
9		

### Problem 3:

$$82 \times 51$$


**Problem 4:**

**65 x 46**


**Problem 6:**

**72 x 18**


**Problem 5:**

**97 x 23**

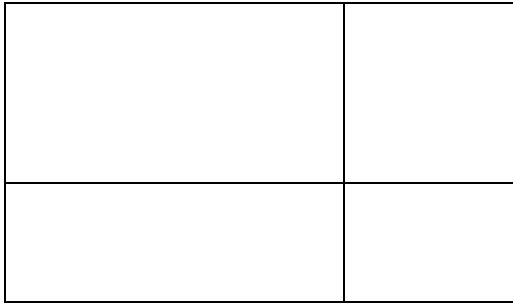

**Problem 7:**

**43 x 64**

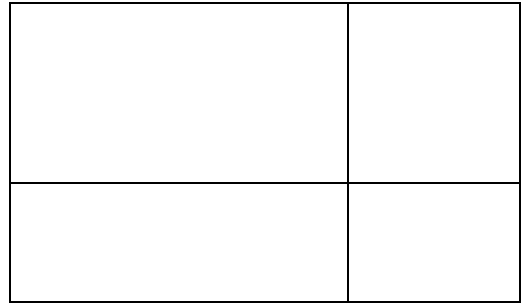

## Problem Set:

Use the area model to solve each problem

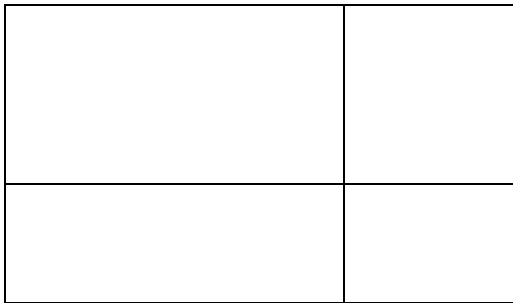
$77 \times 54$



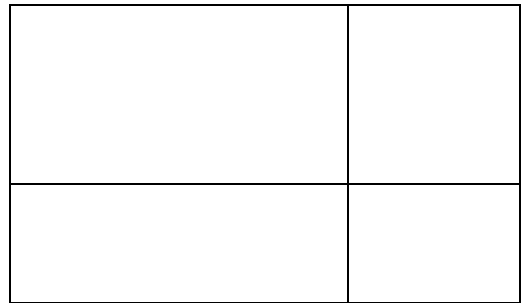
$92 \times 14$



$85 \times 33$



$69 \times 51$



### Application Problem

Jaxon earned \$19 raking leaves. His brother, Dwayne, earned 12 times as much waiting on tables. How much money did Dwayne earn?


Answer: \_\_\_\_\_

### Exit Ticket

Use the area model to solve each problem

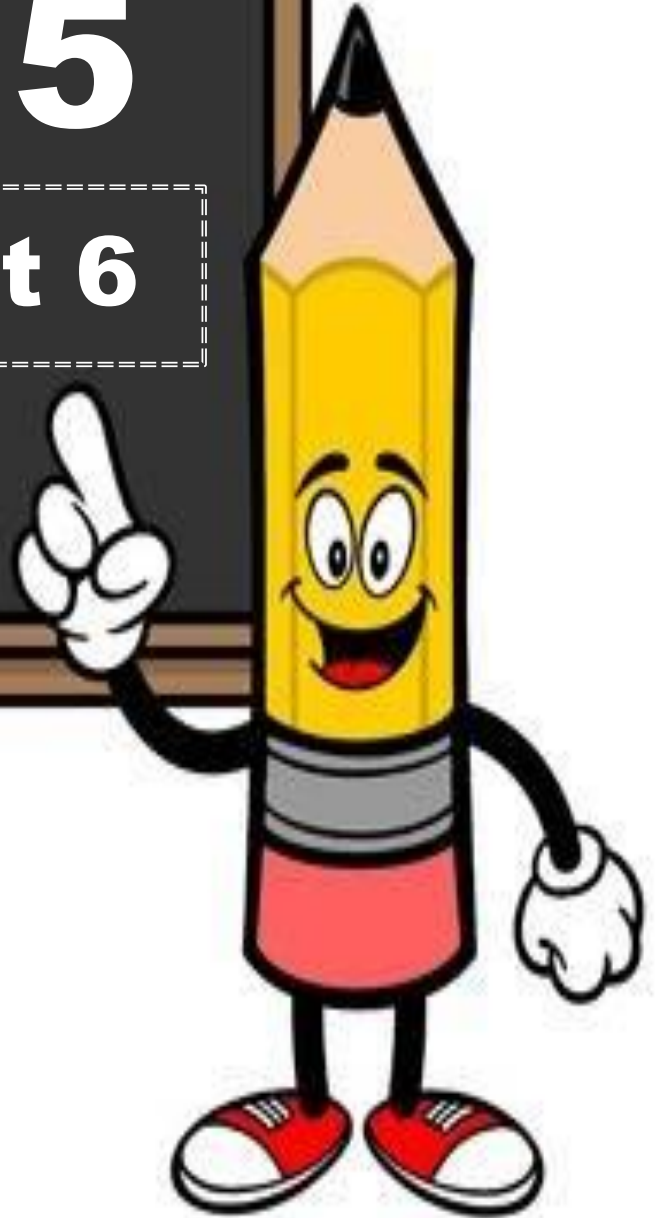
59 x 52


42 x 88




# Day # 5

Mod 2 Packet 6



Name: \_\_\_\_\_ Week 6 Day 5 Date: \_\_\_\_\_

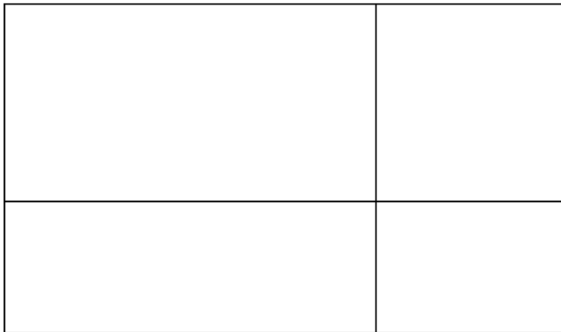
BCCS-Boys

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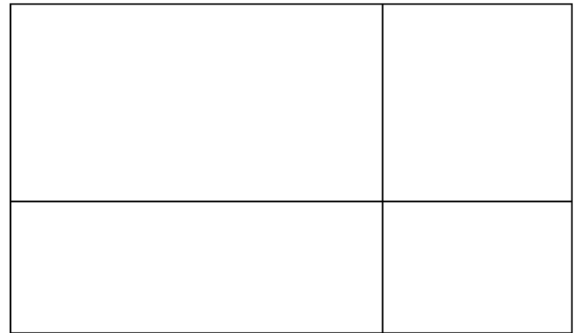
## Do Now

Use the area model to solve each problem

$57 \times 41$



$62 \times 18$

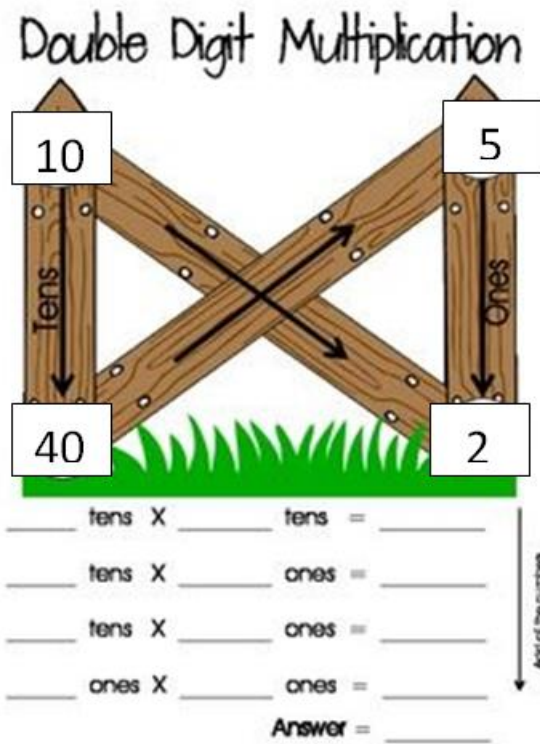




## Input Activity

### 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:

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.

Examples

$$84 \times 12$$

$$( \quad \times \quad ) + ( \quad \times \quad )$$

Problem 3:

$$26 \times 48$$

Problem 4:

$$127 \times 43$$

**Problem 5:**

**49 x 24**

**Problem 6:**

**372 x 51**

**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.

$717 \times 14$

$75 \times 64$

$149 \times 62$

$26 \times 94$