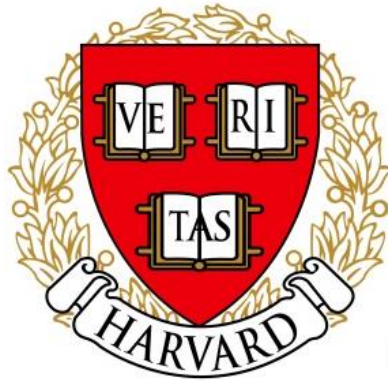




Name _____

3rd Grade Math Remote Learning Packet

Week 11



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.

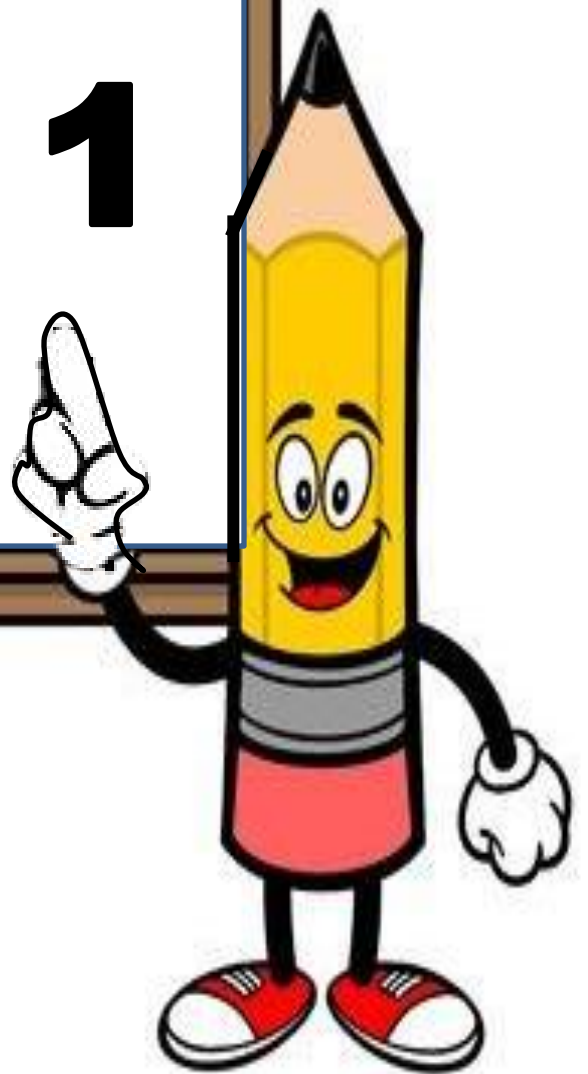
(Parent Signature)

(Date)

Parents please note that all academic packets 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.

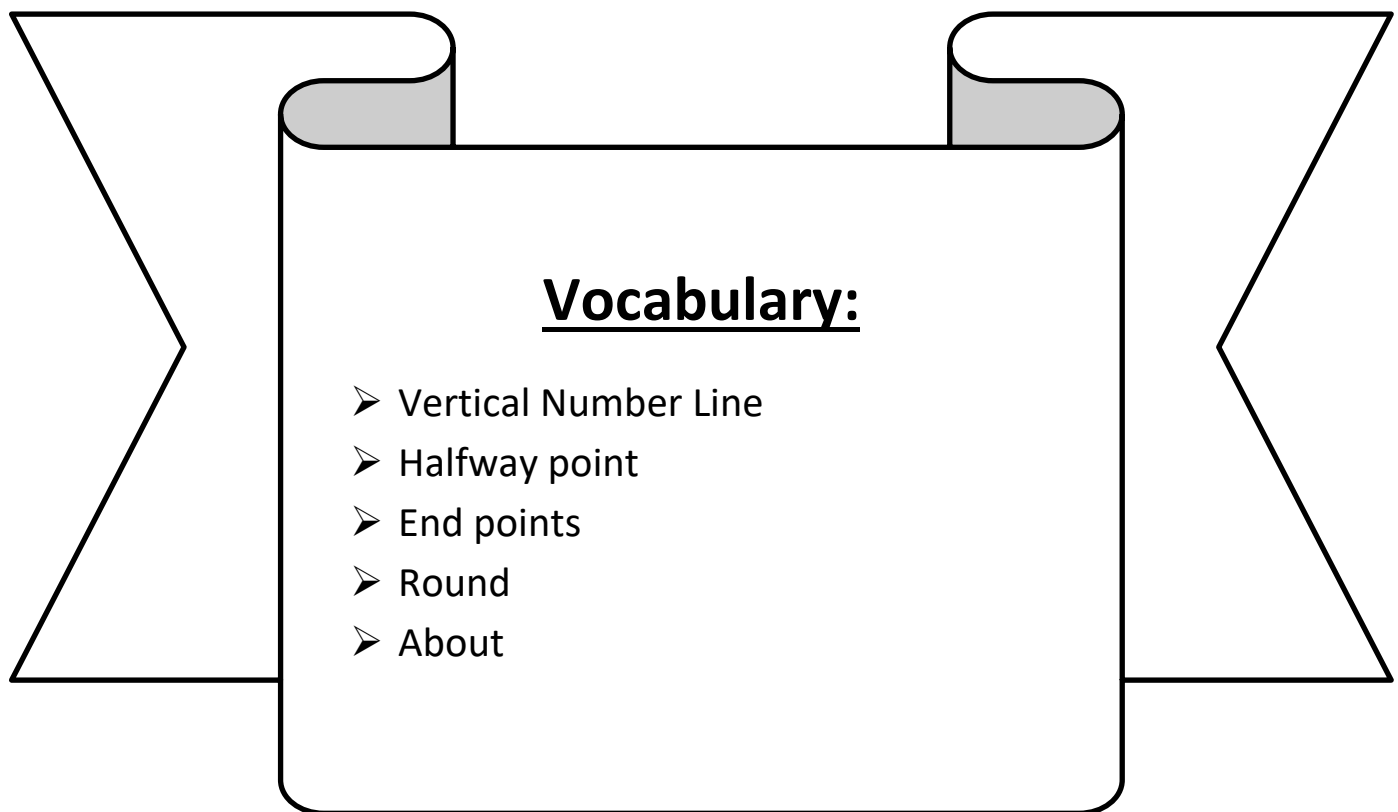


Day # 1



LEQ: How can I round to the nearest hundred on the vertical number line?

Objective: I can find the halfway point on a vertical number line to round to the nearest hundred.



Name: _____

Week 11 Day 1 Date: _____

BCCS-B

Harvard

Yale

Princeton

Do Now: Find the Halfway Point

| | | | |
|-----|-----|-------|-----|
| 1. | 0 | _____ | 10 |
| 2. | 10 | _____ | 20 |
| 3. | 20 | _____ | 30 |
| 4. | 70 | _____ | 80 |
| 5. | 80 | _____ | 70 |
| 6. | 40 | _____ | 50 |
| 7. | 50 | _____ | 40 |
| 8. | 30 | _____ | 40 |
| 9. | 40 | _____ | 30 |
| 10. | 70 | _____ | 60 |
| 11. | 60 | _____ | 70 |
| 12. | 80 | _____ | 90 |
| 13. | 90 | _____ | 100 |
| 14. | 100 | _____ | 90 |
| 15. | 90 | _____ | 80 |
| 16. | 50 | _____ | 60 |
| 17. | 150 | _____ | 160 |
| 18. | 250 | _____ | 260 |
| 19. | 750 | _____ | 760 |
| 20. | 760 | _____ | 750 |
| 21. | 80 | _____ | 90 |
| 22. | 180 | _____ | 190 |

| | | | |
|-----|-------|-------|-------|
| 23. | 280 | _____ | 290 |
| 24. | 580 | _____ | 590 |
| 25. | 590 | _____ | 580 |
| 26. | 30 | _____ | 40 |
| 27. | 930 | _____ | 940 |
| 28. | 70 | _____ | 60 |
| 29. | 470 | _____ | 460 |
| 30. | 90 | _____ | 100 |
| 31. | 890 | _____ | 900 |
| 32. | 990 | _____ | 1,000 |
| 33. | 1,000 | _____ | 1,010 |
| 34. | 70 | _____ | 80 |
| 35. | 1,070 | _____ | 1,080 |
| 36. | 1,570 | _____ | 1,580 |
| 37. | 480 | _____ | 490 |
| 38. | 1,480 | _____ | 1,490 |
| 39. | 1,080 | _____ | 1,090 |
| 40. | 360 | _____ | 350 |
| 41. | 1,790 | _____ | 1,780 |
| 42. | 400 | _____ | 390 |
| 43. | 1,840 | _____ | 1,830 |
| 44. | 1,110 | _____ | 1,100 |

Name: _____

Week 11 Day 1 Date: _____

BCCS-B





Harvard

Yale

Princeton

Input (My Turn):

1. Round to the nearest hundred. Use the number line to model your thinking.

| | |
|--|--|
| a. $147 \approx$ _____  | b. $1,461 \approx$ _____  |
| c. $307 \approx$ _____  | d. $1,872 \approx$ _____  |

Name: _____

Week 11 Day 1 Date: _____

BCCS-B

Harvard

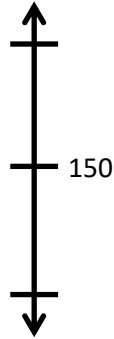
Yale

Princeton

Problem Set (Your Turn):

1. Round to the nearest hundred. Use the number line to model your thinking.

a. $143 \approx$ _____



b. $286 \approx$ _____



c. $320 \approx$ _____



d. $1,320 \approx$ _____



e. $1,572 \approx$ _____



f. $1,250 \approx$ _____



Name: _____ Week 11 Day 1 Date: _____

BCCS-B

Harvard

Yale

Princeton

Input (My Turn):

2. There are 475 people at the soccer game. Draw a vertical number line to round the number of people to the nearest hundred people.

Problem Set (Your Turn):

2. There are 564 people at the soccer game. Draw a vertical number line to round the number of people to the nearest hundred people.

Name: _____


Week 11 Day 1 Date: _____


BCCS-B



Harvard

Yale

Princeton

✓ Who/what is this problem about? 

✓ How do we solve this problem? 

✓  Show and check your work completely. 

C Circle key numbers & units
What do I know?

U Underline the question
What am I being asked to solve?

B Box math clue words
Am I going to +, -, x, or ÷?

E Evaluate and Eliminate
What steps do I take?
What information don't I need?

S Solve and Show your work
Does my answer make sense?
How can I double check?

Application:

The teacher asks students to round 1,865 to the nearest hundred. Eric says that it is 1,900. Gaius disagrees and says it is 1,800. Who is correct? Explain your thinking on a vertical number line.

Name: _____

Week 11 Day 1 Date: _____

BCCS-B

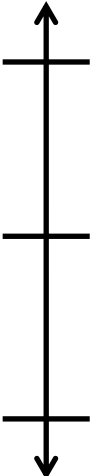
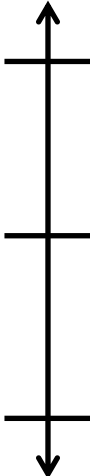
Harvard

Yale

Princeton

Exit Ticket:

1. Round to the nearest hundred. Use the number line to model your thinking.

| | |
|--|--|
| <p>e. $137 \approx$ _____</p>  | <p>f. $1,761 \approx$ _____</p>  |
|--|--|

2. There are 875 people at the football game. Draw a vertical number line to round the number of people to the nearest hundred people.

Name: _____

Week 11 Day 1 Date: _____

BCCS-B

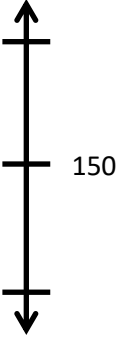



Harvard

Yale

Princeton

Homework:

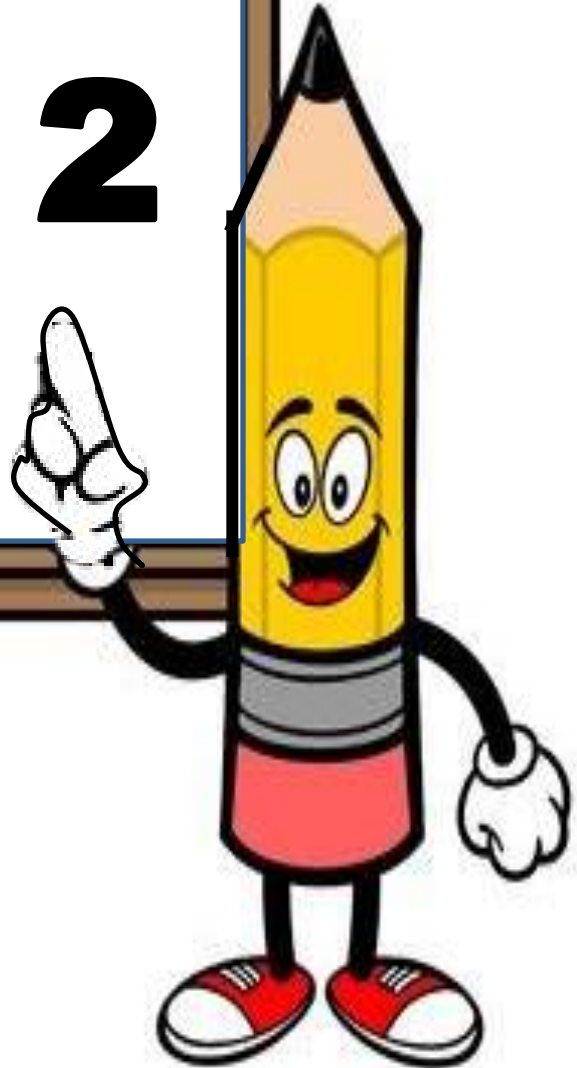
1. Round to the nearest hundred. Use the number line to model your thinking.

| | |
|--|--|
| a. $156 \approx$ _____  | b. $342 \approx$ _____  |
| c. $260 \approx$ _____  | d. $1,260 \approx$ _____  |

2. There are 1,525 pages in a book. Julia and Kim round the number of pages to the nearest hundred. Julia says it is 1,500. Kim says it is 1,600. Who is correct? Explain your thinking.

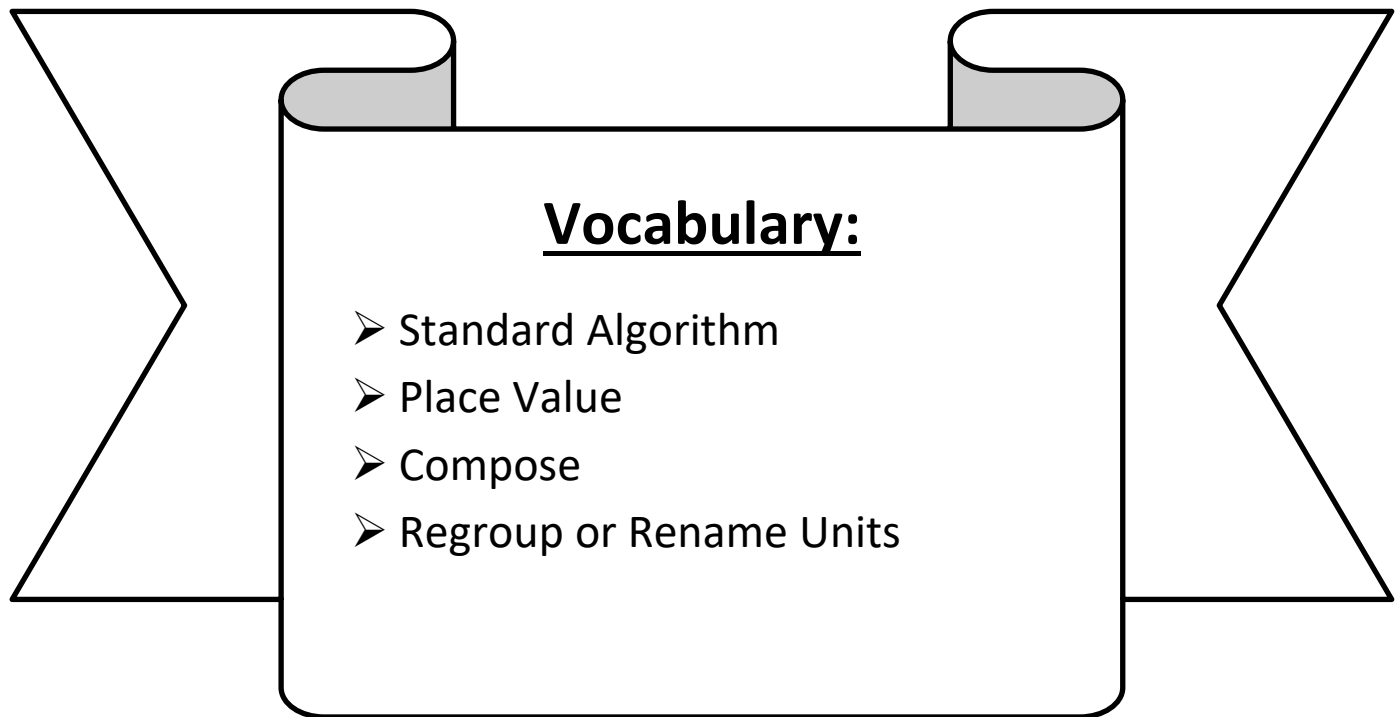


Day # 2



LEQ: How can I add to compose larger units once?

Objective: I can use the standard algorithm to add to compose larger units once.



Name: _____

Week 11 Day 2 Date: _____

BCCS-B

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Princeton

Do Now:

Rewrite each problem vertically and solve.

a. $18 + 10 =$ _____

b. $25 + 4 =$ _____

c. $36 + 31 =$ _____

d. $22 + 73 =$ _____

e. $57 + 42 =$ _____

f. $19 + 40 =$ _____

g. $86 + 70 =$ _____

h. $93 + 5 =$ _____

i. $62 + 14 =$ _____

Name: _____ Week 11 Day 2 Date: _____

BCCS-B

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Yale

Princeton

Input (My Turn):

When a single sum is greater than 9 ones, we need to regroup or _____ the units. For example, if we are adding $6+7$, we can rename the sum of 13 as _____ ten and _____ ones. Instead of adding horizontally, we use the _____ to line up the place values of each addend. Then we add one place value at a time starting from the ones place.

| Horizontal | Standard Algorithm |
|-------------------------------|---------------------------|
| $26 + 17 = \underline{\quad}$ | |

1. Find the sums below using the standard algorithm.

| | | |
|-----------------|------------------|-------------------|
| a. 46 mL + 5 mL | b. 46 mL + 25 mL | c. 146 mL + 25 mL |
|-----------------|------------------|-------------------|

Name: _____

Week 11 Day 2 Date: _____

BCCS-B

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Princeton

Problem Set (Your Turn):

1. Find the sums below using the standard algorithm.

| | | |
|--------------------|-------------------|-------------------|
| a. 59 cm + 30 cm | b. 509 cm + 83 cm | c. 597 cm + 30 cm |
| d. 29 g + 63 g | e. 345 g + 294 g | f. 480 g + 476 g |
| g. 245 mL + 412 mL | h. 509 g + 367 g | i. 119 g + 62 g |

Name: _____

Week 11 Day 2 Date: _____

BCCS-B

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Princeton

Input (My Turn):

1. Ms. Young runs 14 minutes more on Sunday than Saturday. She ran 19 minutes on Saturday.

a. How many minutes does she run on Sunday?

b. How many minutes does she run in total?

Problem Set (Your Turn):

1. Ms. Sherman swims 18 minutes more on Sunday than Saturday. She swam 13 minutes on Saturday.

a. How many minutes does she swim on Sunday?

b. How many minutes does she swim in total?

Name: _____


Week 11 Day 2 Date: _____


BCCS-B



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✓ Who/what is this problem about? 

✓ How do we solve this problem? 

✓  Show and check your work completely. 

C Circle key numbers & units
What do I know?

U Underline the question
What am I being asked to solve?

B Box math clue words
Am I going to +, -, x, or ÷?

E Evaluate and Eliminate
What steps do I take?
What information don't I need?

S Solve and Show your work
Does my answer make sense?
How can I double check?

Application:

It takes Mr. Page 15 minutes to mow the front lawn. It takes him 17 more minutes to mow the back lawn than the front lawn. What is the total amount of time Mr. Page spends mowing the lawns?

Name: _____ Week 11 Day 2 Date: _____

BCCS-B

Harvard

Yale

Princeton

Exit Ticket:

1. Find the sums below using the standard algorithm.

| | | |
|------------------------------------|------------------------------------|--------------------------------------|
| a. $24 \text{ cm} + 36 \text{ cm}$ | b. $562 \text{ m} + 180 \text{ m}$ | c. $345 \text{ km} + 239 \text{ km}$ |
|------------------------------------|------------------------------------|--------------------------------------|

2. Xaiden jogs 15 minutes more on Sunday than Saturday. He jogged 26 minutes on Saturday.

a. How many minutes does he jog on Sunday?

b. How many minutes does he jog in total?

Name: _____

Week 11 Day 2 Date: _____

BCCS-B

Harvard

Yale

Princeton

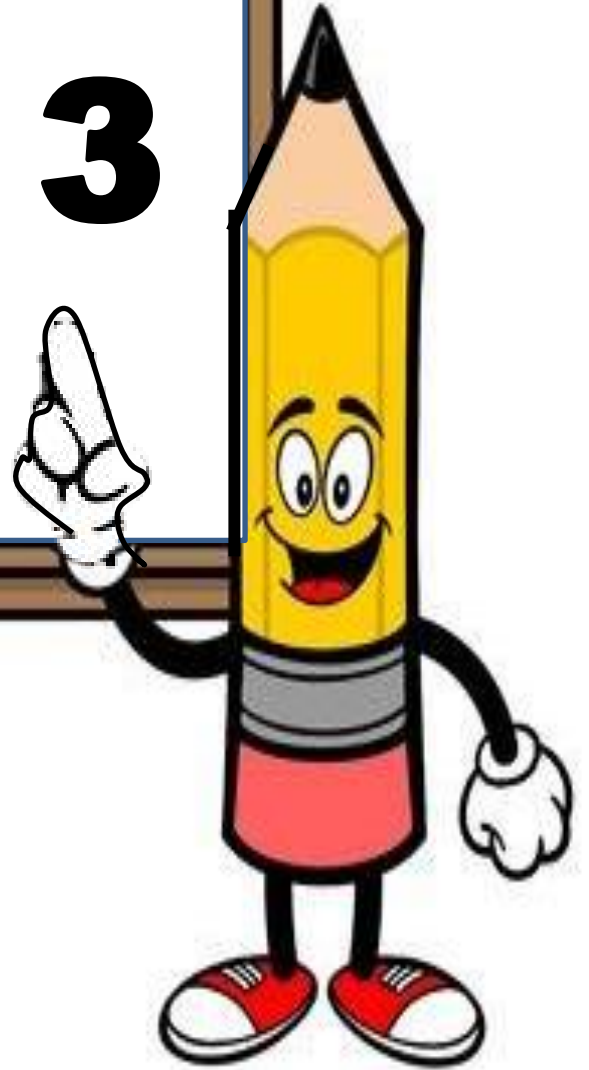
Homework: Find the sum.

| | | |
|-----------------------------------|--------------------------------------|--------------------------------------|
| a. $75 \text{ cm} + 7 \text{ cm}$ | b. $39 \text{ kg} + 56 \text{ kg}$ | c. $362 \text{ mL} + 229 \text{ mL}$ |
| d. $283 \text{ g} + 92 \text{ g}$ | e. $451 \text{ mL} + 339 \text{ mL}$ | f. $149 \text{ L} + 331 \text{ L}$ |

2. There are 75 students in third grade. There are 44 more students in fourth grade than in third grade. How many students are in fourth grade?



Day # 3



Name: _____

Week 11 Day 3 Date: _____

BCCS-B

Harvard

Yale

Princeton

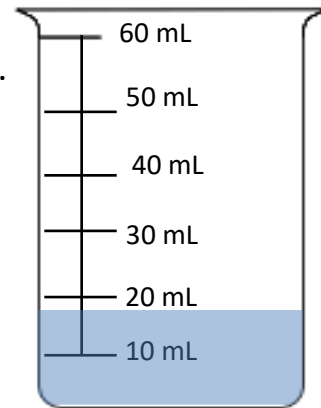
Mid-Module Assessment Review

1) How many grams are in a kilogram?

- a) 10 g
- b) 100 g
- c) 1,000 g
- d) 10,000 g

2) Measure the liquid in the beaker to the nearest 10 milliliters.

- a) 60 mL
- b) 10 mL
- c) 20 mL
- d) 15 mL



3) Mrs. McLean drinks 2 cups of tea on Monday. The first cup measures 140 mL and the second one measures 135 mL. How much coffee did Mrs. Blomgren drink on Monday?

- a) 100 mL
- b) 200 mL
- c) 275 mL
- d) 150 mL

Name: _____

Week 11 Day 3 Date: _____

BCCS-B

Harvard

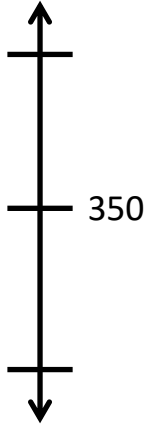
Yale

Princeton

4) Round to the nearest hundred.

366 \approx _____ is

- a) 300
- b) 366
- c) 350
- d) 400



5) What time does the clock to the right show?

- a) 2:00
- b) 1:55
- c) 1:10
- d) 1:00



6) What is the mass of the soil show on the scale?

- a) 10 kg
- b) 1 kg
- c) 9 kg
- d) 6 kg



Name: _____

Week 11 Day 3 Date: _____

BCCS-B

Harvard

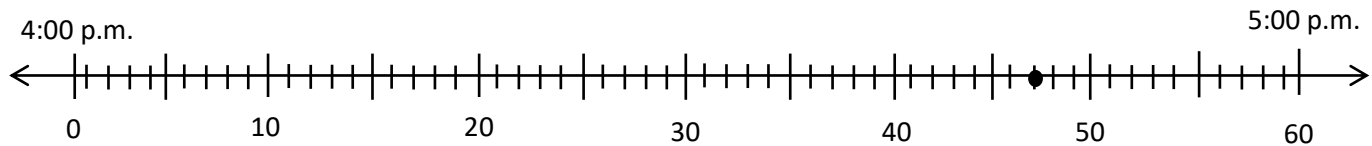
Yale

Princeton

7) Prince finishes basketball practice at 1:35 p.m. after practicing for 22 minutes. What time did Prince's practice start?

- a) 1:35 p.m.
- b) 1:13 p.m.
- c) 1:22 p.m.
- d) 2:00 p.m.

8) What time is plotted on the number line below?



- a) 4:45 p.m.
- b) 4:50 p.m.
- c) 4:47 p.m.
- d) 5:00 p.m.

9) What weighs about 1 gram?

- a) a backpack
- b) a dictionary
- c) a paper clip
- d) a boot

Name: _____

Week 11 Day 3 Date: _____

BCCS-B

Harvard

Yale

Princeton

10) The weight of a golf ball is shown below.



a. The golf ball weighs exactly _____ g

b. Round the weight of the golf ball to the nearest ten grams.

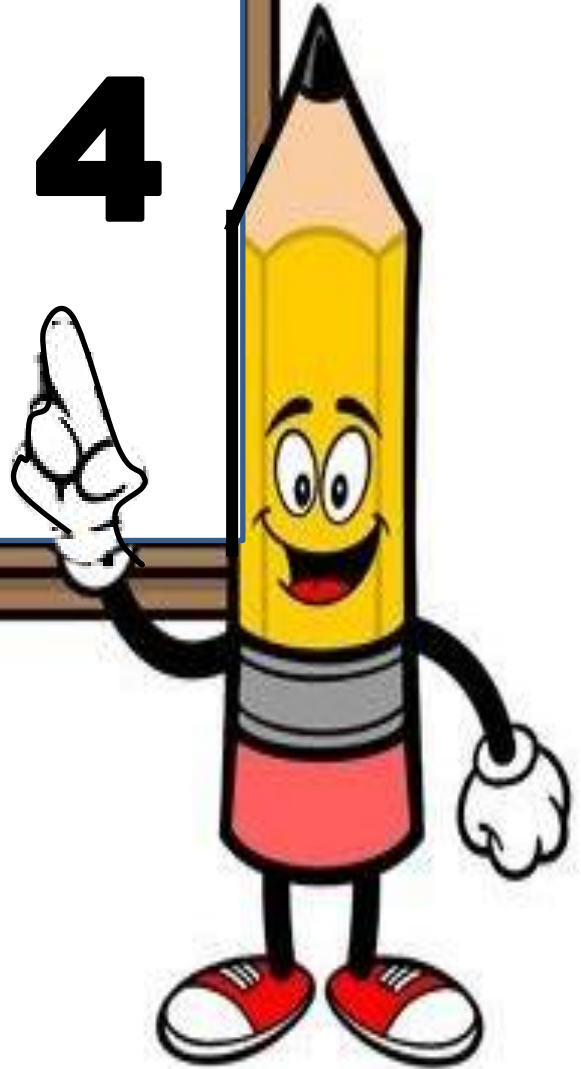
The golf ball weighs about _____ g

11) Jeremiah puts a 1-kilogram bag of sugar on one side of a pan balance. How many 100-gram bags of sugar does he need to put on the other side to balance the scale?





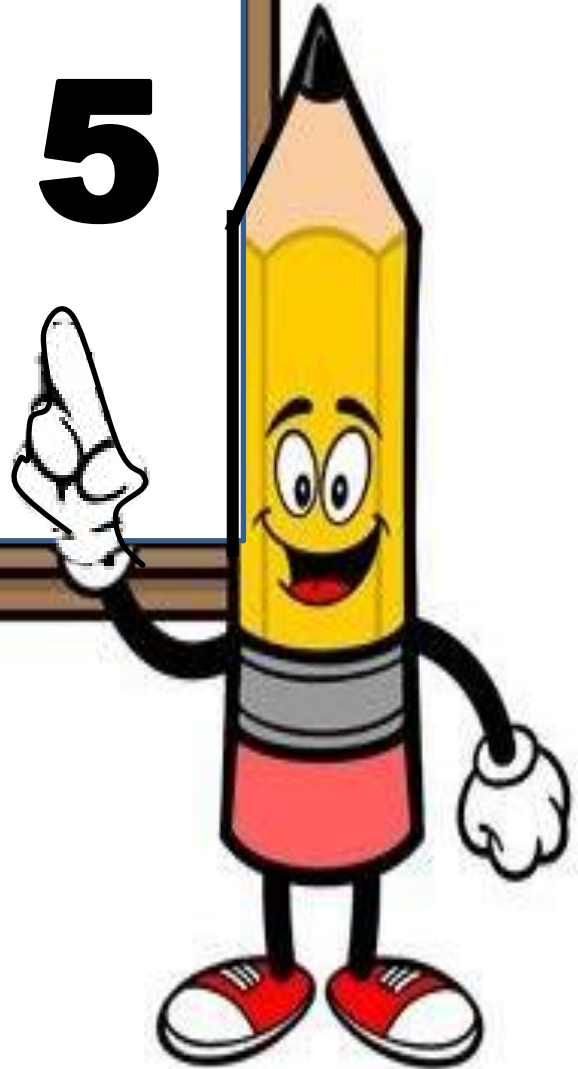
Day # 4



**Scholars will be taking the Mid
Module Assessment for Module 2
today.**

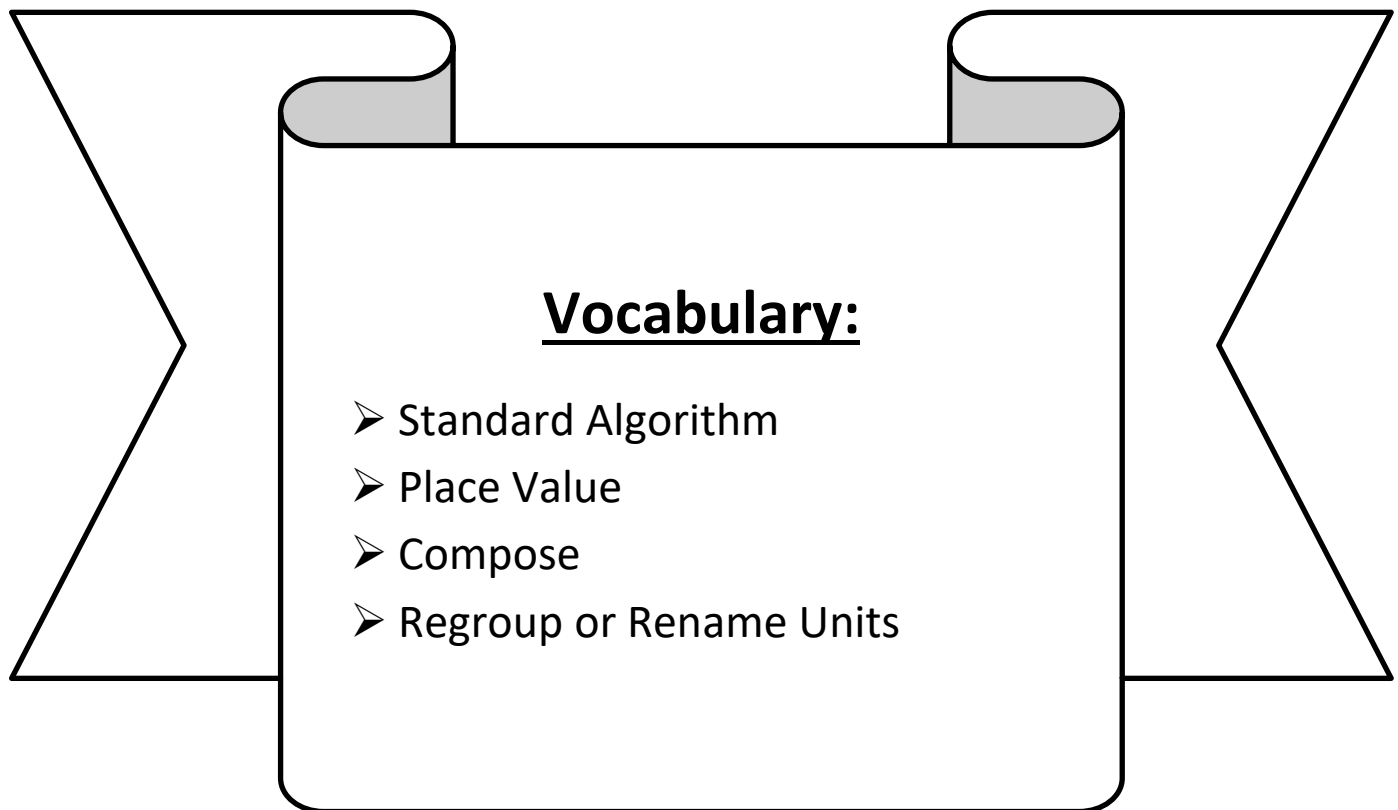


Day # 5



LEQ: How can I add to compose larger units twice?

Objective: I can use the standard algorithm to add to compose larger units twice.



Name: _____

Week 11 Day 5 Date: _____

BCCS-B

Harvard

Yale

Princeton

Do Now: Find the sum

| | | | | | | | | | | | | | |
|----|---|---|---|--|----|---|---|---|--|----|---|---|---|
| a. | | 4 | 2 | | b. | | 1 | 9 | | c. | | 8 | 4 |
| | + | 3 | 4 | | | + | 3 | 0 | | | + | 1 | 5 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| d. | | 2 | 1 | | e. | | 5 | 4 | | f. | | 9 | 2 |
| | + | 4 | 7 | | | + | 1 | 2 | | | + | | 5 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| g. | | 3 | 7 | | h. | | 4 | 6 | | i. | | 8 | 0 |
| | + | 2 | 1 | | | + | 1 | 3 | | | + | 1 | 7 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| j. | | 7 | 3 | | k. | | 4 | 7 | | l. | | 6 | 6 |
| | + | | 3 | | | + | 2 | 0 | | | + | 1 | 3 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| m. | | 2 | 4 | | n. | | 1 | 3 | | o. | | 5 | 2 |
| | + | 4 | 4 | | | + | 3 | 5 | | | + | 4 | 3 |
| | | | | | | | | | | | | | |

Name: _____

Week 11 Day 5 Date: _____

BCCS-B

Harvard

Yale

Princeton

Input (My Turn):

1. Find the sums below.

a. $697 \text{ g} + 138 \text{ g}$

b. $345 \text{ g} + 597 \text{ g}$

c. $486 \text{ g} + 497 \text{ g}$

d. $3 \text{ L } 251 \text{ mL} + 1 \text{ L } 549 \text{ mL}$

e. $4 \text{ kg } 384 \text{ g} + 2 \text{ kg } 467 \text{ g}$

Name: _____

Week 11 Day 5 Date: _____

BCCS-B

Harvard

Yale

Princeton

Problem Set (Your Turn):

1. Find the sums below.

| | | |
|----------------------------|----------------------------|--------------------|
| a. 52 mL + 68 mL | b. 352 mL + 68 mL | c. 352 mL + 468 mL |
| d. 56 cm + 94 cm | e. 506 cm + 94 cm | f. 506 cm + 394 cm |
| e. 2 L 551 mL + 3 L 359 mL | f. 3 kg 248 g + 1 kg 167 g | |

Name: _____

Week 11 Day 5 Date: _____

BCCS-B

Harvard

Yale

Princeton

Input (My Turn):

2. A third-grade class sells lemonade to raise funds. After selling 38 liters of lemonade in 1 week, they still have 74 liters of lemonade left. How many liters of lemonade did they have at the beginning?

Problem Set (Your Turn):

2. A second-grade class sells iced tea to raise funds. After selling 56 liters of iced tea in 1 week, they still have 49 liters of iced tea left. How many liters of iced tea did they have at the beginning?

Name: _____


Week 11 Day 5 Date: _____


BCCS-B



Harvard

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Princeton

✓ Who/what is this problem about? 

✓ How do we solve this problem? 

✓  Show and check your work completely. 

C Circle key numbers & units
What do I know?

U Underline the question
What am I being asked to solve?

B Box math clue words
Am I going to +, -, x, or ÷?

E Evaluate and Eliminate
What steps do I take?
What information don't I need?

S Solve and Show your work
Does my answer make sense?
How can I double check?

Application:

The milk carton to the right holds 183 milliliters more liquid than the juice box. What is the total capacity of the juice box and milk carton?



Juice Box
279 mL



Milk Carton
? mL

Name: _____

Week 11 Day 5 Date: _____

BCCS-B

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Yale

Princeton

Exit Ticket:

1. Find the sums.

| | | |
|----------------------------------|--------------------------------------|------------------------------------|
| a. $78 \text{ g} + 29 \text{ g}$ | b. $328 \text{ kg} + 289 \text{ kg}$ | c. $509 \text{ L} + 293 \text{ L}$ |
|----------------------------------|--------------------------------------|------------------------------------|

2. A third-grade class sells hot cocoa to raise funds. After selling 37 liters of hot cocoa in 1 week, they still have 66 liters of hot cocoa left. How many liters of hot cocoa did they have at the beginning?

Name: _____

Week 11 Day 5 Date: _____

BCCS-B

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Yale

Princeton

Homework:

1. Find the sums below.

a. $47 \text{ m} + 8 \text{ m}$

b. $47 \text{ m} + 38 \text{ m}$

c. $147 \text{ m} + 383 \text{ m}$

d. $63 \text{ mL} + 9 \text{ mL}$

e. $463 \text{ mL} + 79 \text{ mL}$

f. $463 \text{ mL} + 179 \text{ mL}$

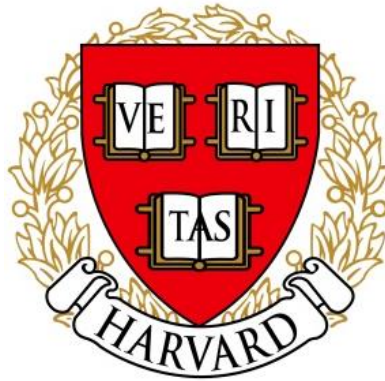
2. Mrs. Mercado roasts a turkey for 55 minutes. She checks it and decides to roast it for an additional 46 minutes. For how long does Mrs. Mercado roast the turkey?



Name _____

3rd Grade Math Remote Learning Packet

Week 12



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.

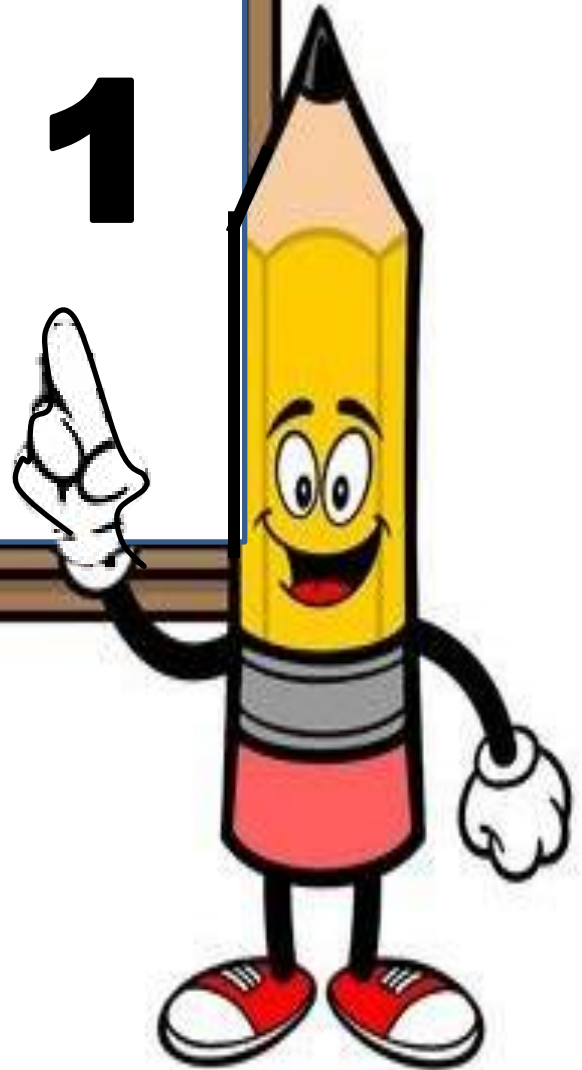
(Parent Signature)

(Date)

Parents please note that all academic packets 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.

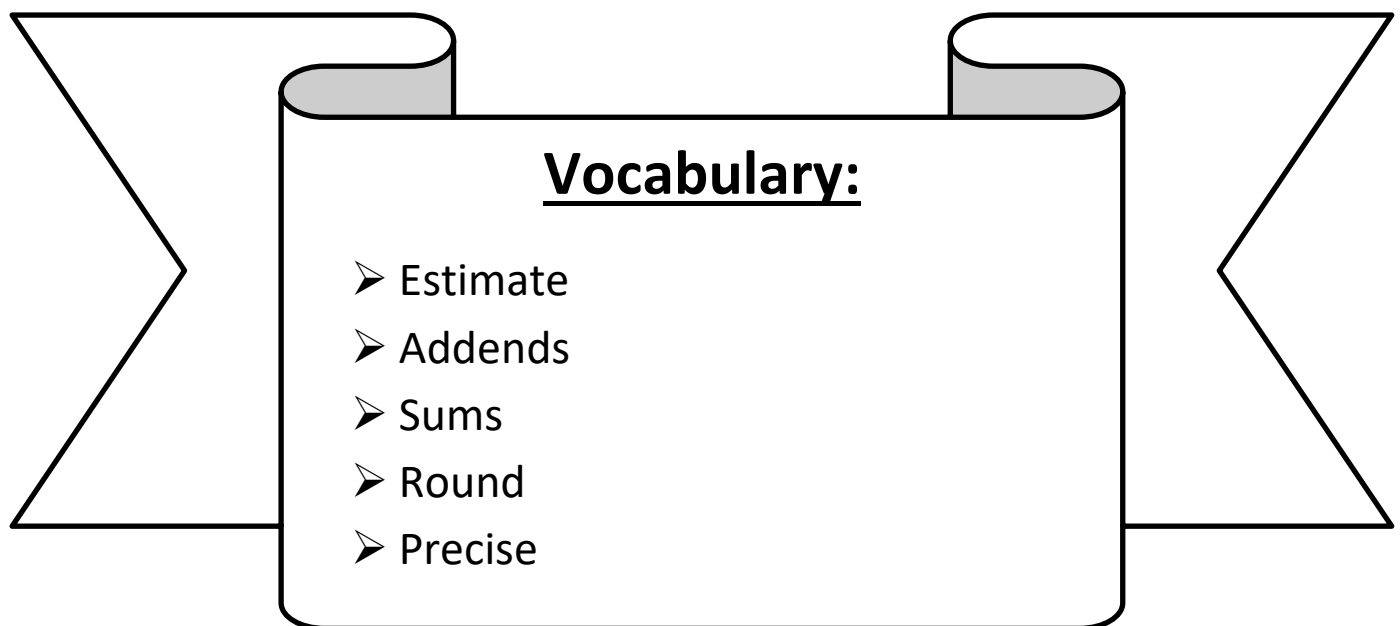


Day # 1



LEQ: How can I use rounding to estimate sums?

Objective: I can round the addends in an addition sentence to estimate sums.



Name: _____

Week 12 Day 1 Date: _____

BCCS-B

Harvard

Yale

Princeton

Do Now:

Round to the Nearest Ten

| | | |
|-----|------|--|
| 1. | 11 ≈ | |
| 2. | 21 ≈ | |
| 3. | 31 ≈ | |
| 4. | 71 ≈ | |
| 5. | 69 ≈ | |
| 6. | 59 ≈ | |
| 7. | 49 ≈ | |
| 8. | 19 ≈ | |
| 9. | 26 ≈ | |
| 10. | 24 ≈ | |
| 11. | 46 ≈ | |
| 12. | 44 ≈ | |
| 13. | 87 ≈ | |
| 14. | 83 ≈ | |
| 15. | 78 ≈ | |
| 16. | 72 ≈ | |
| 17. | 15 ≈ | |
| 18. | 25 ≈ | |
| 19. | 35 ≈ | |
| 20. | 75 ≈ | |
| 21. | 85 ≈ | |
| 22. | 45 ≈ | |

| | | |
|-----|---------|--|
| 23. | 79 ≈ | |
| 24. | 89 ≈ | |
| 25. | 99 ≈ | |
| 26. | 109 ≈ | |
| 27. | 119 ≈ | |
| 28. | 159 ≈ | |
| 29. | 211 ≈ | |
| 30. | 311 ≈ | |
| 31. | 418 ≈ | |
| 32. | 518 ≈ | |
| 33. | 528 ≈ | |
| 34. | 538 ≈ | |
| 35. | 568 ≈ | |
| 36. | 968 ≈ | |
| 37. | 978 ≈ | |
| 38. | 988 ≈ | |
| 39. | 998 ≈ | |
| 40. | 1,108 ≈ | |
| 41. | 1,118 ≈ | |
| 42. | 2,337 ≈ | |
| 43. | 4,578 ≈ | |
| 44. | 8,785 ≈ | |

Name: _____

Week 12 Day 1 Date: _____

BCCS-B

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Princeton

Input (My Turn):

To reason about estimated sums, we can round the _____ to the nearest ten or hundred. We can use the standard algorithm to find the actual sums and determine which one is more _____ or closer to the actual sum.

1. Find the actual sum using the standard algorithm. Then, round each addend to the nearest ten and hundred to find the estimated sums.

| | Actual | Nearest Ten | Nearest Hundred |
|---------------------------------|---------------|--------------------|------------------------|
| $441 + 238 = \underline{\quad}$ | | | |
| $308 + 254 = \underline{\quad}$ | | | |

Name: _____

Week 12 Day 1 Date: _____

BCCS-B

Harvard

Yale

Princeton

Problem Set (Your Turn):

1. Find the actual sum using the standard algorithm. Then, round each addend to the nearest ten and hundred to find the estimated sums.

| | Actual | Nearest Ten | Nearest Hundred |
|---------------------------------|---------------|--------------------|------------------------|
| $652 + 158 = \underline{\quad}$ | | | |
| $376 + 214 = \underline{\quad}$ | | | |
| $366 + 234 = \underline{\quad}$ | | | |

Name: _____

Week 12 Day 1 Date: _____

BCCS-B

Harvard

Yale

Princeton

Input (My Turn):

2. Nahjaleek practices the guitar for a total of 268 minutes during the first week of school. He practices for 135 minutes during the second week.

a. Estimate the total amount of time Nahjaleek practices by rounding to the nearest 10 minutes.

b. Estimate the total amount of time Nahjaleek practices by rounding to the nearest 100 minutes.

c. Which estimate is closest to the actual sum?

Name: _____

Week 12 Day 1 Date: _____

BCCS-B

Harvard

Yale

Princeton

Problem Set (Your Turn):

2. Ahmed practices the piano for a total of 309 minutes during the first week of school. He practices for 185 minutes during the second week.

a. Estimate the total amount of time Ahmed practices by rounding to the nearest 10 minutes.

b. Estimate the total amount of time Ahmed practices by rounding to the nearest 100 minutes.

c. Which estimate is closest to the actual sum?

Name: _____


Week 12 Day 1 Date: _____


BCCS-B



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✓ Who/what is this problem about? 

✓ How do we solve this problem? 

✓  Show and check your work completely. 

C Circle key numbers & units
What do I know?

U Underline the question
What am I being asked to solve?

B Box math clue words
Am I going to +, -, x, or ÷?

E Evaluate and Eliminate
What steps do I take?
What information don't I need?

S Solve and Show your work
Does my answer make sense?
How can I double check?

Application:

Sadie, a bear at the zoo, weighs 182 kilograms. Her cub weighs 74 kilograms. What is the actual weight of Sadie and her cub? Model the problem with a tape diagram.

Name: _____

Week 12 Day 1 Date: _____

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Exit Ticket:

Zaymir practices the trumpet for a total of 165 minutes during the first week of school. He practices for 245 minutes during the second week.

a. Estimate the total amount of time Zaymir practices by rounding to the nearest 10 minutes.

b. Estimate the total amount of time Zaymir practices by rounding to the nearest 100 minutes.

c. Which estimate is closest to the actual sum?

Name: _____

Week 12 Day 1 Date: _____

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Homework:

1. Find the actual sum using the standard algorithm. Then, round each addend to the nearest ten and hundred to find the estimated sums.

| | Actual | Nearest Ten | Nearest Hundred |
|---------------------------------|---------------|--------------------|------------------------|
| $354 + 188 = \underline{\quad}$ | | | |

2. Deena reads for 361 minutes during Week 1 of her school's two-week long Read-A-Thon. She reads for 212 minutes during Week 2 of the Read-A-Thon.

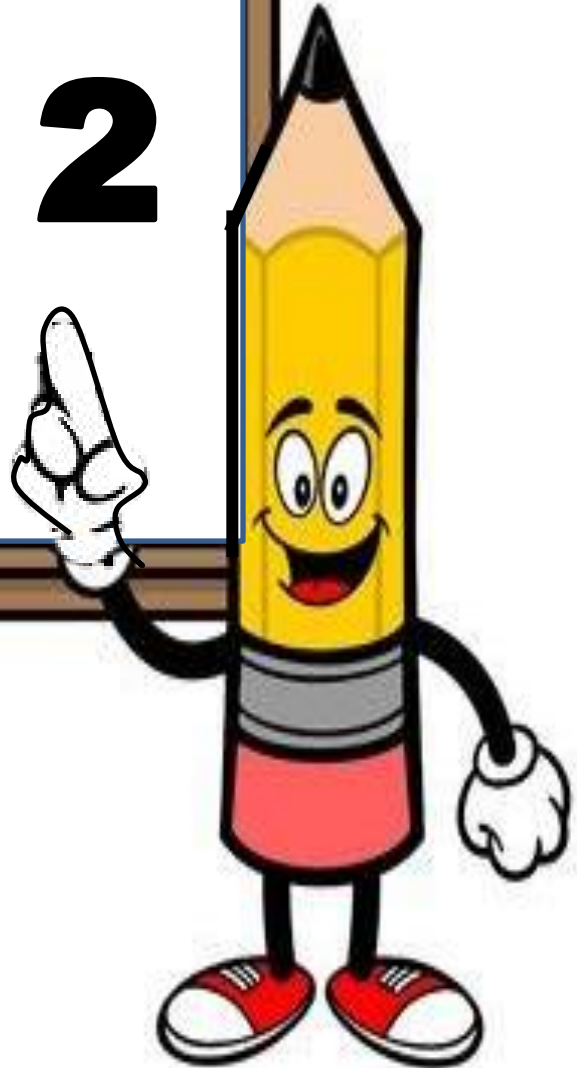
a. Estimate the total amount of time Deena reads by rounding to the nearest 10 minutes.

b. Estimate the total amount of time Deena reads by rounding to the nearest 100 minutes.

c. Which estimate is closest to the actual sum?

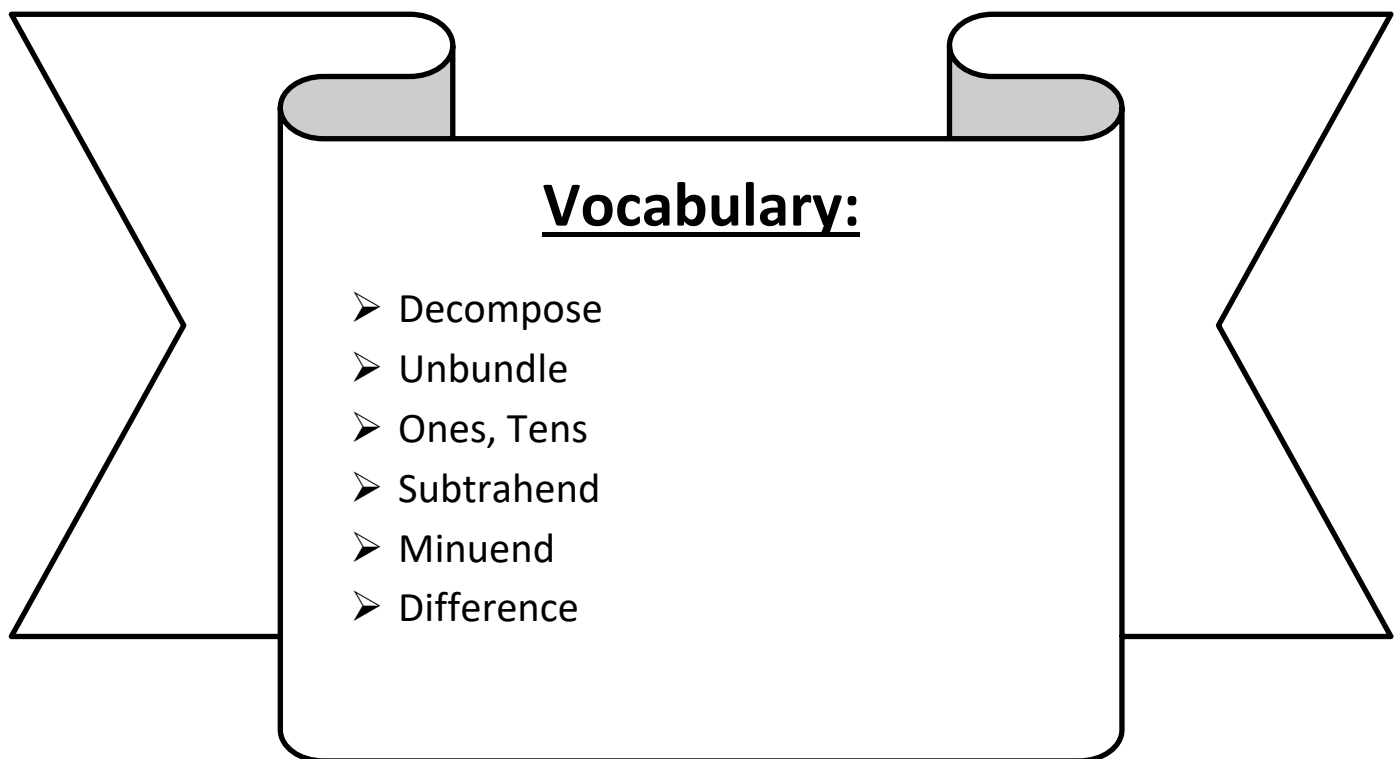


Day # 2



LEQ: How can I subtract measurements including three-digit minuends with zeros in the tens or ones place?

Objective: I can decompose to subtract measurements including three-digit minuends with zeros in the tens or ones place.



Name: _____

Week 12 Day 2 Date: _____

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Do Now:

Subtract

$$\begin{array}{r} 13 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 19 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ - 10 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ - 10 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ - 3 \\ \hline \end{array}$$



$$11 - 5 = \underline{\quad}$$

$$15 - 6 = \underline{\quad}$$

$$20 - 10 = \underline{\quad}$$

$$14 - 7 = \underline{\quad}$$

$$16 - 7 = \underline{\quad}$$

$$12 - 9 = \underline{\quad}$$

Name: _____

Week 12 Day 2 Date: _____

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Input (My Turn):

A diagram illustrating the components of a subtraction equation. The equation is $7 - 5 = 2$. The number 7 is purple, 5 is orange, and 2 is green. A purple arrow points from the label 'minuend' to the number 7. An orange arrow points from the label 'subtrahend' to the number 5. A green arrow points from the label 'difference' to the number 2.

In subtraction, the _____ is the amount that we start with and the first number in an equation. The _____ is the number being subtracted from the minuend. The difference is the _____. When subtracting with minuends with zeros in the tens or ones place, we need to decompose or _____ the ones into tens and the tens into hundreds.

1. Solve the subtraction problems below.

| | | |
|------------------|-------------------|--------------------|
| a. 60 mL – 24 mL | b. 360 mL – 24 mL | c. 360 mL – 224 mL |
|------------------|-------------------|--------------------|

Name: _____ Week 12 Day 2 Date: _____

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Problem Set (Your Turn):

1. Solve the subtraction problems below.

| | | |
|-------------------------------------|--------------------------------------|--------------------------------------|
| a. $518 \text{ cm} - 21 \text{ cm}$ | b. $629 \text{ cm} - 268 \text{ cm}$ | c. $938 \text{ cm} - 440 \text{ cm}$ |
| d. $307 \text{ g} - 130 \text{ g}$ | e. $307 \text{ g} - 234 \text{ g}$ | f. $807 \text{ g} - 732 \text{ g}$ |

Name: _____

Week 12 Day 2 Date: _____

BCCS-B

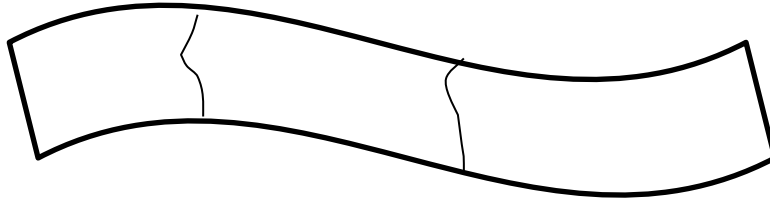
Harvard

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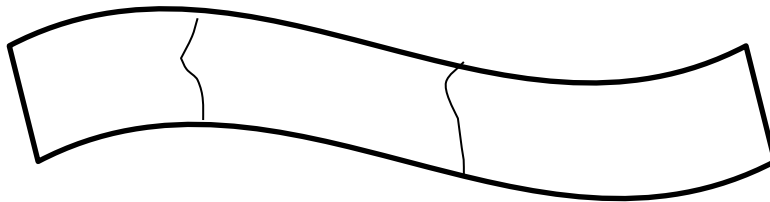
Input (My Turn):

2. The total length of a banner is 306 centimeters. Messiah paints it in 3 sections. The first 2 sections he paints are 145 centimeters long altogether. How long is the third section?



Problem Set (Your Turn):

2. The total length of a banner is 509 centimeters. Jeremiah paints it in 3 sections. The first 2 sections he paints are 364 centimeters long altogether. How long is the third section?



Name: _____


Week 12 Day 2 Date: _____


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✓ Who/what is this problem about? 

✓ How do we solve this problem? 

✓  Show and check your work completely. 

C Circle key numbers & units
What do I know?

U Underline the question
What am I being asked to solve?

B Box math clue words
Am I going to +, -, x, or ÷?

E Evaluate and Eliminate
What steps do I take?
What information don't I need?

S Solve and Show your work
Does my answer make sense?
How can I double check?

Application:

The total length of a rope is 208 centimeters. Dayshawn cuts it into 3 pieces. The first piece is 80 centimeters long. The second piece is 94 centimeters long. How long is the third piece of rope?

Name: _____

Week 12 Day 2 Date: _____

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Exit Ticket:

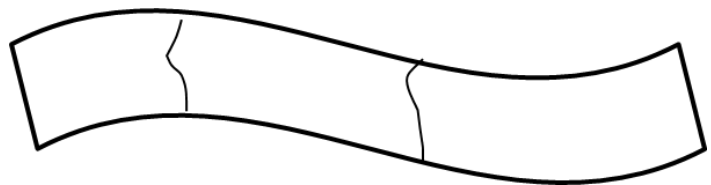
1. Solve the subtraction problems below.

a. $381 \text{ mL} - 146 \text{ mL}$

b. $730 \text{ m} - 426 \text{ m}$

c. $509 \text{ kg} - 384 \text{ kg}$

2. The total length of a banner is 408 centimeters. Carlos paints it in 3 sections. The first 2 sections he paints are 187 centimeters long altogether. How long is the third section?



Name: _____

Week 12 Day 2 Date: _____

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Homework:

1. Solve the subtraction problems below.

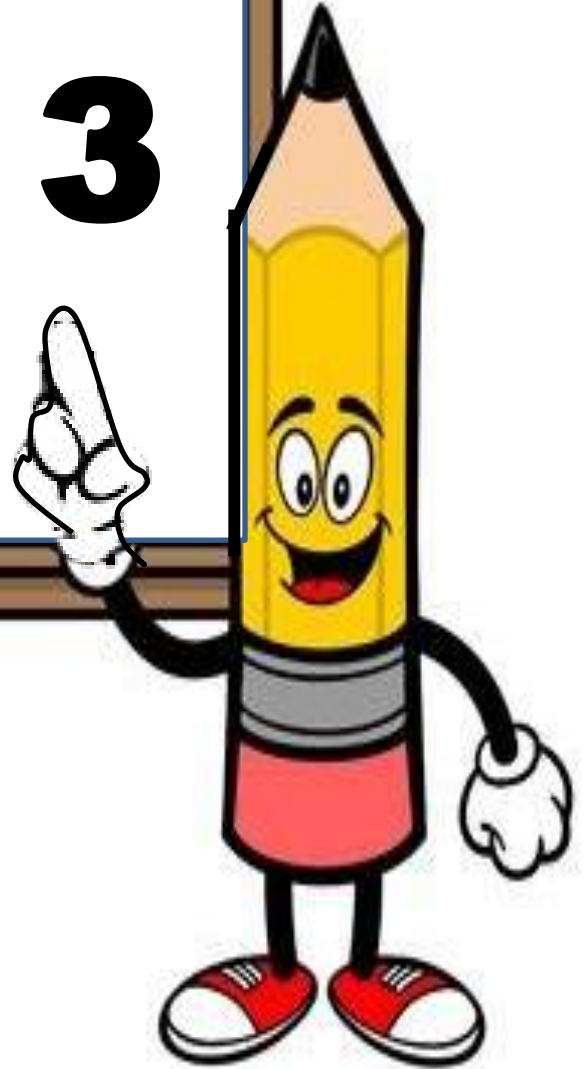
| | | |
|-------------------------------------|--------------------------------------|--------------------------------------|
| a. $70 \text{ L} - 46 \text{ L}$ | b. $370 \text{ L} - 46 \text{ L}$ | c. $370 \text{ L} - 146 \text{ L}$ |
| d. $607 \text{ cm} - 32 \text{ cm}$ | e. $592 \text{ cm} - 258 \text{ cm}$ | f. $918 \text{ cm} - 553 \text{ cm}$ |

2. The magazine weighs 280 grams less than the newspaper. The weight of the newspaper is shown below. How much does the magazine weigh?



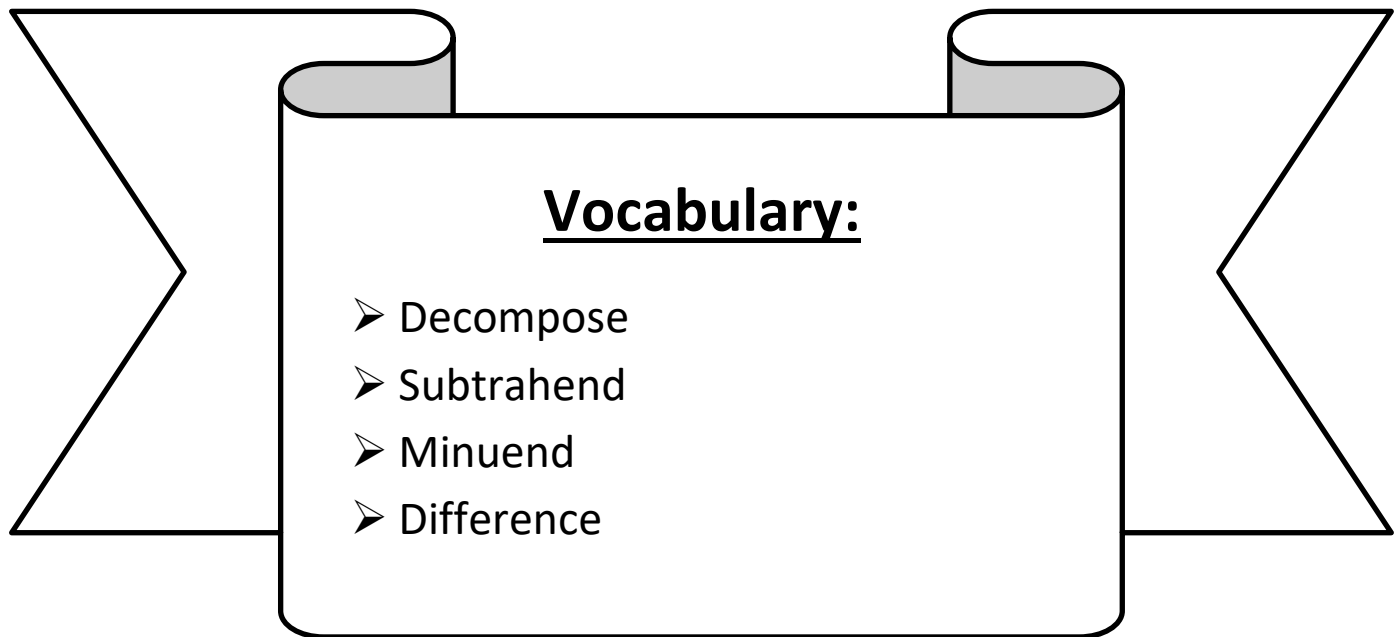


Day # 3



LEQ: How can I subtract measurements including three-digit minuends with zeros in the tens and ones places?

Objective: I can decompose twice to subtract measurements including three-digit minuends with zeros in the tens and ones places.



Name: _____

Week 12 Day 3 Date: _____

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Do Now: Subtract to find the difference.

$$\begin{array}{r} 5 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ - 14 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 92 \\ - 41 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 74 \\ - 33 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 98 \\ - 81 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 38 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 44 \\ - 43 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 47 \\ - 2 \\ \hline \end{array}$$

Name: _____

Week 12 Day 3 Date: _____

BCCS-B

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Input (My Turn):

1. Solve the subtraction problems below.

a. $340 \text{ cm} - 60 \text{ cm}$

b. $513 \text{ g} - 148 \text{ g}$

c. $6 \text{ km } 802 \text{ m} - 2 \text{ km } 569 \text{ m}$

Name: _____

Week 12 Day 3 Date: _____

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Problem Set (Your Turn):

1. Solve the subtraction problems below.

| | | |
|--------------------------------------|--------------------------------------|--|
| a. $700 \text{ mL} - 52 \text{ mL}$ | b. $700 \text{ mL} - 452 \text{ mL}$ | c. $5 \text{ L } 920 \text{ mL} - 3 \text{ L } 869 \text{ mL}$ |
| d. $340 \text{ cm} - 260 \text{ cm}$ | e. $641 \text{ g} - 387 \text{ g}$ | d. $7 \text{ L } 300 \text{ mL} - 3 \text{ L } 169 \text{ mL}$ |

Name: _____

Week 12 Day 3 Date: _____

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Input (My Turn):

2. The farmer's cow weighs 147 kilograms less than the farmer's pig. The pig weighs 700 kilograms. How much does the cow weigh?

Problem Set (Your Turn):

2. The farmer's goat weighs 271 kilograms less than the farmer's pig. The pig weighs 500 kilograms. How much does the goat weigh?

Name: _____


Week 12 Day 3 Date: _____


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✓ Who/what is this problem about? 

✓ How do we solve this problem? 

✓  Show and check your work completely. 

C Circle key numbers & units
What do I know?

U Underline the question
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Am I going to +, -, x, or ÷?

E Evaluate and Eliminate
What steps do I take?
What information don't I need?

S Solve and Show your work
Does my answer make sense?
How can I double check?

Application:

Tank A holds 165 fewer liters of water than Tank B. Tank B holds 400 liters of water. How much water does Tank A hold?

Name: _____

Week 12 Day 3 Date: _____

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Exit Ticket:

1. Solve the subtraction problems below.

a. $340 \text{ m} - 187 \text{ m}$

b. $700 \text{ kg} - 592 \text{ kg}$

2. The farmer's sheep weighs 647 kilograms less than the farmer's cow. The cow weighs 725 kilograms. How much does the sheep weigh?

Name: _____

Week 12 Day 3 Date: _____

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Homework:

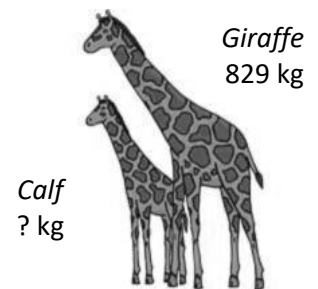
1. Solve the subtraction problems below.

a. $280 \text{ g} - 90 \text{ g}$

b. $450 \text{ g} - 284 \text{ g}$

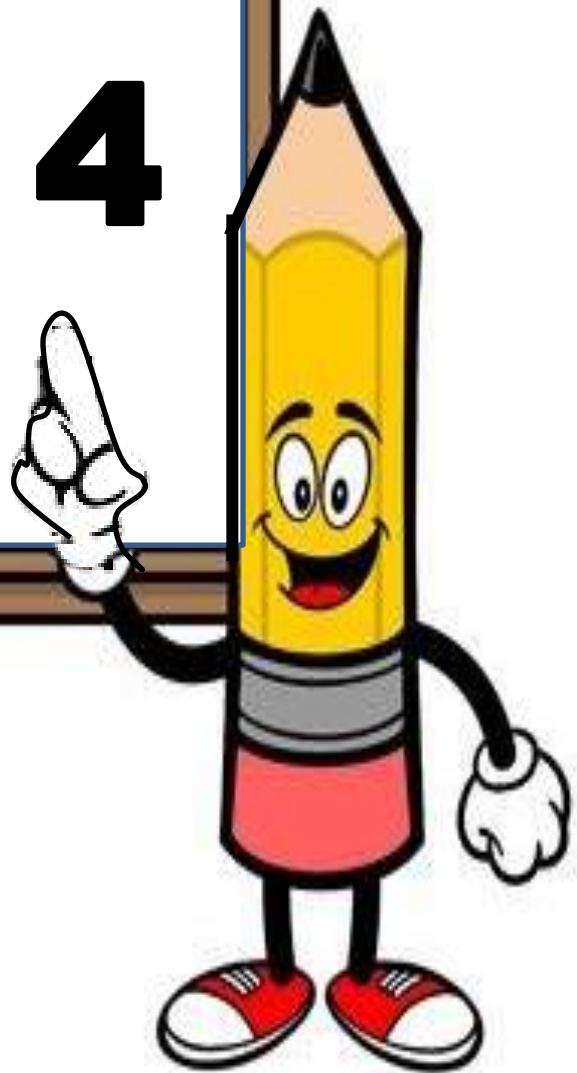
c. $900 \text{ g} - 58 \text{ g}$

2. The total weight of a giraffe and her calf is 904 kilograms.
How much does the calf weigh?



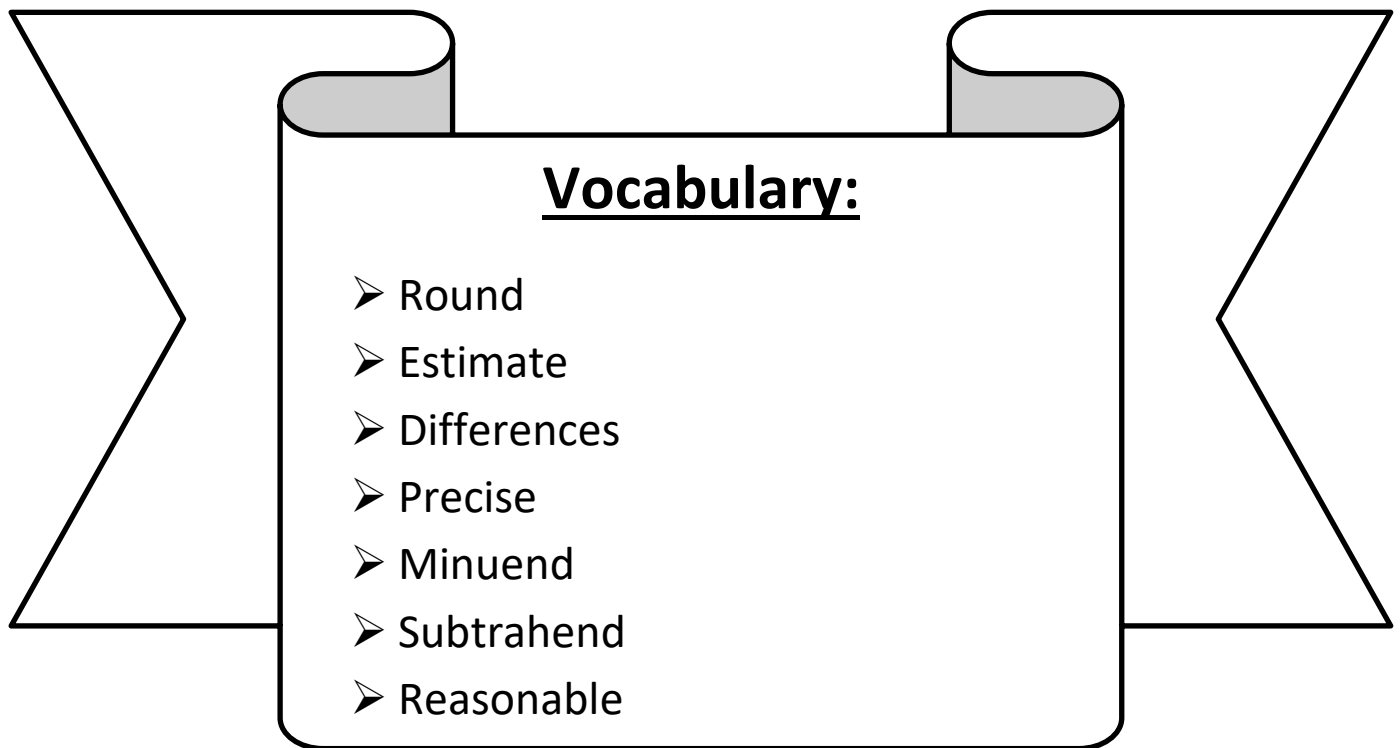


Day # 4



LEQ: How can I estimate differences?

Objective: I can round to estimate differences.



Name: _____

Week 12 Day 4 Date: _____

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Do Now: Round to the nearest hundred.

| | |
|---------|--|
| 101 ≈ | |
| 201 ≈ | |
| 301 ≈ | |
| 701 ≈ | |
| 1,701 ≈ | |
| 2,701 ≈ | |
| 3,701 ≈ | |
| 8,701 ≈ | |
| 190 ≈ | |
| 290 ≈ | |
| 390 ≈ | |
| 790 ≈ | |
| 1,790 ≈ | |
| 2,790 ≈ | |
| 3,790 ≈ | |
| 8,790 ≈ | |
| 412 ≈ | |
| 2,412 ≈ | |
| 523 ≈ | |
| 3,523 ≈ | |
| 877 ≈ | |
| 4,877 ≈ | |

| | |
|---------|--|
| 250 ≈ | |
| 1,250 ≈ | |
| 350 ≈ | |
| 5,350 ≈ | |
| 750 ≈ | |
| 6,750 ≈ | |
| 649 ≈ | |
| 652 ≈ | |
| 692 ≈ | |
| 792 ≈ | |
| 892 ≈ | |
| 992 ≈ | |
| 996 ≈ | |
| 999 ≈ | |
| 9,999 ≈ | |
| 4,049 ≈ | |
| 2,051 ≈ | |
| 7,350 ≈ | |
| 4,572 ≈ | |
| 8,754 ≈ | |
| 3,915 ≈ | |
| 9,997 ≈ | |

Name: _____

Week 12 Day 4 Date: _____

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Input (My Turn):

1. Find the actual difference using the standard algorithm. Then, round to find the estimated differences. Circle the most precise.

| 448 - 153 = _____ | | |
|--------------------------|-------------------------------|---------------------------------------|
| Actual | Subtrahend Nearest Hundred | Subtrahend and Minuend Nearest Ten |
| | | |
| 747 - 261 = _____ | | |
| Actual | Subtrahend Nearest Hundred | Subtrahend and Minuend Nearest Ten |
| | | |

Name: _____

Week 12 Day 4 Date: _____

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Problem Set (Your Turn):

1. Find the actual difference using the standard algorithm. Then, round to find the estimated differences. Circle the most precise.

| 645 - 129 = _____ | | |
|--------------------------|---------------------------------------|---|
| Actual | Subtrahend Nearest Hundred | Subtrahend and Minuend Nearest Ten |
| | | |
| 807 - 254 = _____ | | |
| Actual | Subtrahend Nearest Hundred | Subtrahend and Minuend Nearest Ten |
| | | |

Name: _____

Week 12 Day 4 Date: _____

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Input (My Turn):

2. Mrs. Blomgren buys a total of 318 grams of frozen yogurt for herself and a friend. She buys 1 large cup and 1 small cup.



| | |
|-----------|-----------|
| Large Cup | 162 grams |
| Small Cup | ? grams |

a. Estimate how many grams are in the small cup of yogurt by rounding to the nearest ten.

b. How many grams are actually in the small cup of yogurt?

c. Is your answer reasonable? Which estimate was closer to the exact weight? Explain why.

Name: _____

Week 12 Day 4 Date: _____

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Problem Set (Your Turn):

2. Ms. Ramirez buys a total of 611 grams of frozen yogurt for herself and a friend. She buys 1 large cup and 1 small cup.



| | |
|-----------|-----------|
| Large Cup | 325 grams |
| Small Cup | ? grams |

a. Estimate how many grams are in the small cup of yogurt by rounding to the nearest ten.

b. How many grams are actually in the small cup of yogurt?

c. Is your answer reasonable? Which estimate was closer to the exact weight? Explain why.

Name: _____


Week 12 Day 4 Date: _____


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✓ Who/what is this problem about? 

✓ How do we solve this problem? 

✓  Show and check your work completely. 

C Circle key numbers & units
What do I know?

U Underline the question
What am I being asked to solve?

B Box math clue words
Am I going to +, -, x, or ÷?

E Evaluate and Eliminate
What steps do I take?
What information don't I need?

S Solve and Show your work
Does my answer make sense?
How can I double check?

Application:

Emperor uses a total of 372 liters of gas in two months. He uses 184 liters of gas in the first month. How many liters of gas does he use in the second month?

Name: _____

Week 12 Day 4 Date: _____

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Exit Ticket:

Mrs. Page buys a total of 522 grams of frozen yogurt for herself and a friend. She buys 1 large cup and 1 small cup.

| | |
|-----------|-----------|
| Large Cup | 219 grams |
| Small Cup | ? grams |

a. Estimate how many grams are in the small cup of yogurt by rounding to the nearest ten.

b. How many grams are actually in the small cup of yogurt?

c. Is your answer reasonable? Which estimate was closer to the exact weight? Explain why.

Name: _____

Week 12 Day 4 Date: _____

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Homework:

1. Find the actual difference using the standard algorithm. Then, round to find the estimated differences. Circle the most precise.

| 457 - 209 = _____ | | |
|--------------------------|---------------------------------------|---|
| Actual | Subtrahend Nearest Hundred | Subtrahend and Minuend Nearest Ten |
| | | |

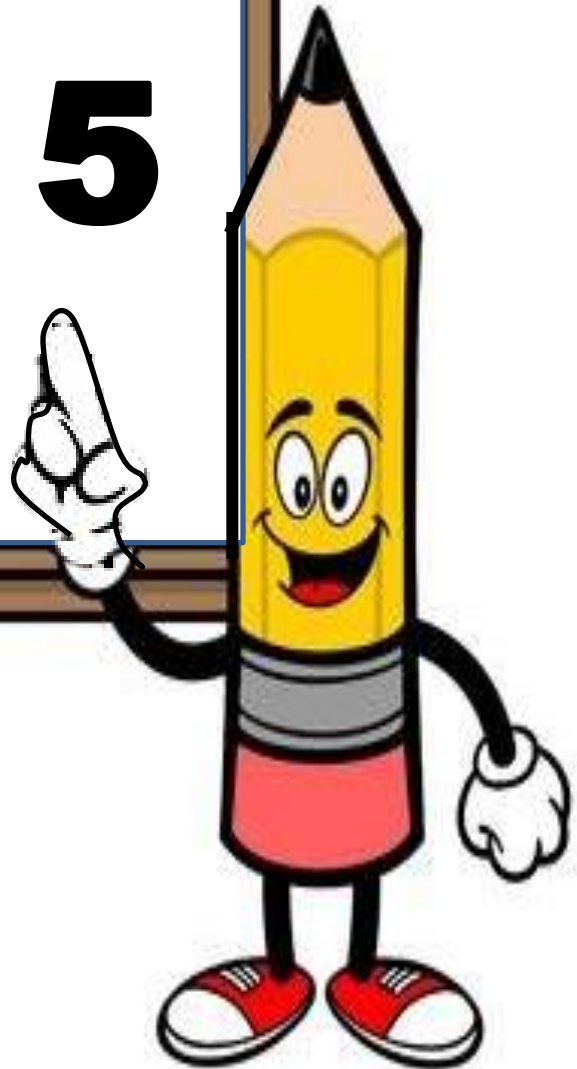
2. The weight of a chicken leg, steak, and ham are shown to the right. The chicken and the steak together weigh 341 grams. How much does the ham weigh?



989 grams

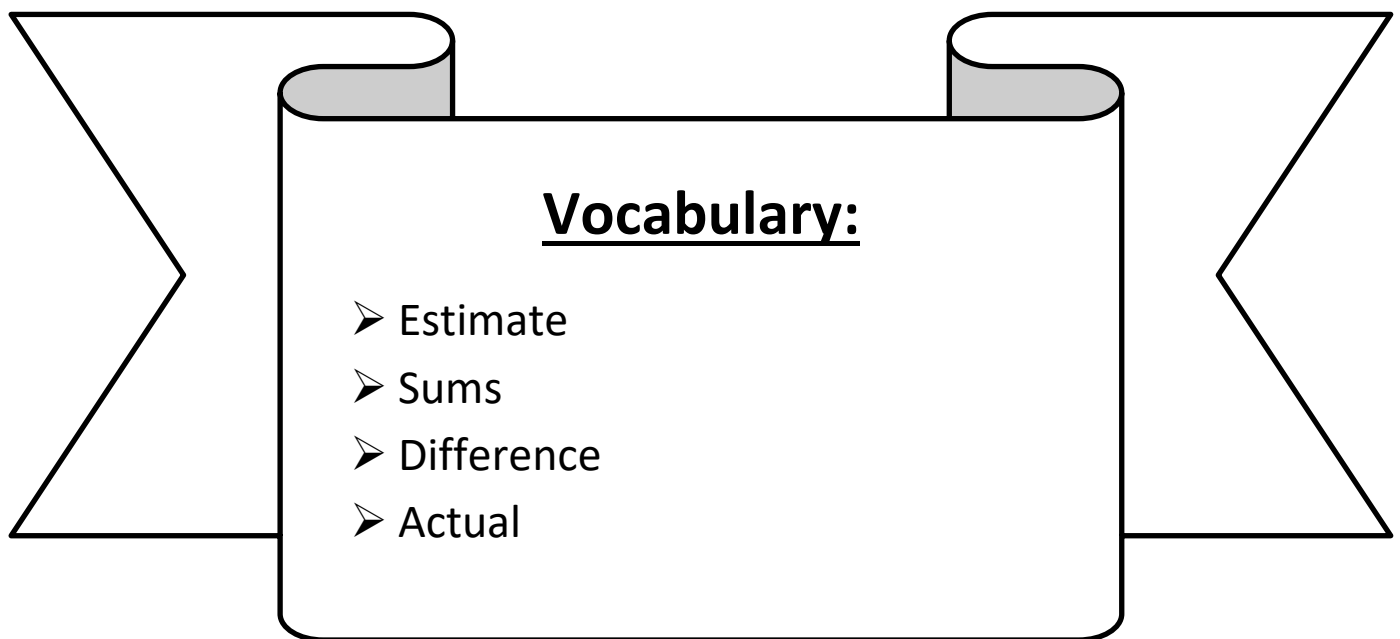


Day # 5



LEQ: How can I estimate sums and differences of measurements in word problems?

Objective: I can use CUBES and round to estimate sums and differences of measurements.



Name: _____

Week 12 Day 5 Date: _____

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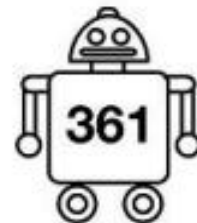
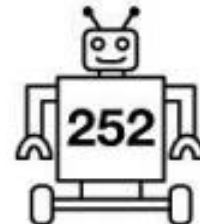
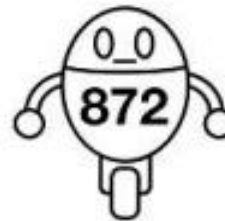
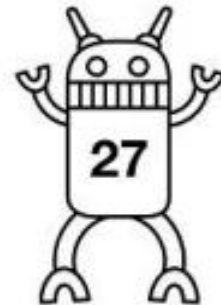
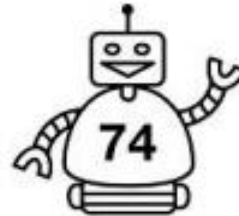
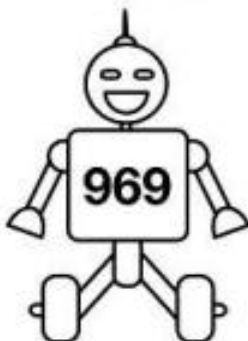
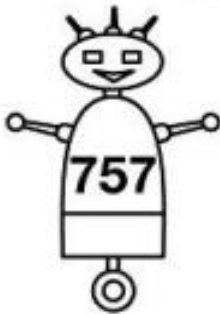
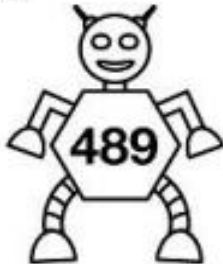
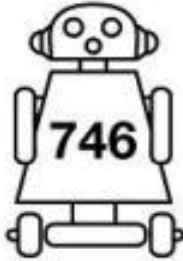
Yale

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Do Now:

Rounding Robots

Round the numbers on the robots to the nearest hundred. Draw a line from each robot to the correct battery.



0

100

200

300

400

500

600

700

800

900

1,000

Name: _____

Week 12 Day 5 Date: _____

BCCS-B

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Input (My Turn):

1. Mason drinks water at every meal. At breakfast, he drinks 247 milliliters. At lunch, he drinks 300 milliliters. At dinner, he drinks 183 milliliters.

- a. Estimate the total amount of water Mason drinks. Then, find the actual amount of water he drinks at all three meals.

| Estimate | Actual |
|----------|--------|
| | |

- b. Estimate how much more water Mason drinks at lunch than at dinner. Then, find how much more water Mason actually drinks at lunch than at dinner.

| Estimate | Actual |
|----------|--------|
| | |

Name: _____

Week 12 Day 5 Date: _____

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Problem Set (Your Turn):

1. Kenny drinks water at every meal. At breakfast, he drinks 224 milliliters. At lunch, he drinks 400 milliliters. At dinner, he drinks 182 milliliters.

- a. Estimate the total amount of water Kenny drinks. Then, find the actual amount of water he drinks at all three meals.

| Estimate | Actual |
|----------|--------|
| | |

- b. Estimate how much more water Kenny drinks at lunch than at dinner. Then, find how much more water Kenny actually drinks at lunch than at dinner.

| Estimate | Actual |
|----------|--------|
| | |

Name: _____

Week 12 Day 5 Date: _____

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Input (My Turn):

2. There are 143 milliliters of juice in 1 carton. A three-pack of juice boxes contains a total of 429 milliliters.

a. Estimate, and then find the actual total amount of juice in 1 carton and in a three-pack of juice boxes.

$$143 \text{ mL} + 429 \text{ mL} \approx \underline{\quad\quad\quad} + \underline{\quad\quad\quad} = \underline{\quad\quad\quad}$$

$$143 \text{ mL} + 429 \text{ mL} = \underline{\quad\quad\quad}$$

b. Estimate, and then find the actual difference between the amount in 1 carton and in a three-pack of juice boxes.

$$429 \text{ mL} - 143 \text{ mL} \approx \underline{\quad\quad\quad} - \underline{\quad\quad\quad} = \underline{\quad\quad\quad}$$

$$429 \text{ mL} - 143 \text{ mL} = \underline{\quad\quad\quad}$$

Name: _____

Week 12 Day 5 Date: _____

BCCS-B

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Problem Set (Your Turn):

2. There are 136 milliliters of lemonade bottles. A three-pack of lemonade bottles contains a total of 408 milliliters.

a. Estimate, and then find the actual total amount of 1 bottle and in a three-pack of lemonade bottles.

$$136 \text{ mL} + 408 \text{ mL} \approx \underline{\quad\quad} + \underline{\quad\quad} = \underline{\quad\quad}$$

$$136 \text{ mL} + 408 \text{ mL} = \underline{\quad\quad}$$

b. Estimate, and then find the actual difference between the amount in 1 bottle and in a three-pack of lemonade bottles.

$$408 \text{ mL} - 136 \text{ mL} \approx \underline{\quad\quad} - \underline{\quad\quad} = \underline{\quad\quad}$$

$$408 \text{ mL} - 136 \text{ mL} = \underline{\quad\quad}$$

Name: _____


Week 12 Day 5 Date: _____


BCCS-B



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✓ Who/what is this problem about? 

✓ How do we solve this problem? 

✓  Show and check your work completely. 

C Circle key numbers & units
What do I know?

U Underline the question
What am I being asked to solve?

B Box math clue words
Am I going to +, -, x, or ÷?

E Evaluate and Eliminate
What steps do I take?
What information don't I need?

S Solve and Show your work
Does my answer make sense?
How can I double check?

Application:

Mr. Williams owns a gas station. He sells 367 liters of gas in the morning, 300 liters of gas in the afternoon, and 219 liters of gas in the evening. Estimate, and then find the actual difference between the amount of gas Mr. Williams sells in the morning and the amount he sells in the evening.

Name: _____

Week 12 Day 5 Date: _____

BCCS-B

Harvard

Yale

Princeton

Exit Ticket:

1. Gionni drinks water at every meal. At breakfast, he drinks 232 milliliters. At lunch, he drinks 300 milliliters. At dinner, he drinks 174 milliliters.

- a. Estimate the total amount of water Gionni drinks. Then, find the actual amount of water he drinks at all three meals.

| Estimate | Actual |
|----------|--------|
| | |

- b. Estimate how much more water Gionni drinks at lunch than at dinner. Then, find how much more water Gionni actually drinks at lunch than at dinner.

| Estimate | Actual |
|----------|--------|
| | |

Name: _____

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Homework:

1. There are 143 milliliters of juice in 1 carton. A three-pack of juice boxes contains a total of 429 milliliters.

a. Estimate, and then find the actual total amount of juice in 1 carton and in a three-pack of juice boxes.

$$143 \text{ mL} + 429 \text{ mL} \approx \underline{\quad\quad} + \underline{\quad\quad} = \underline{\quad\quad}$$

$$143 \text{ mL} + 429 \text{ mL} = \underline{\quad\quad}$$

b. Estimate, and then find the actual difference between the amount in 1 carton and in a three-pack of juice boxes.

$$429 \text{ mL} - 143 \text{ mL} \approx \underline{\quad\quad} - \underline{\quad\quad} = \underline{\quad\quad}$$

$$429 \text{ mL} - 143 \text{ mL} = \underline{\quad\quad}$$

2. The lengths of three banners are shown to the right.

a. Estimate, and then find the actual total length of Banner A and Banner C.

| | |
|----------|--------|
| Banner A | 437 cm |
| Banner B | 457 cm |
| Banner C | 332 cm |