Name _____

4th Grade Modified Math Remote Learning Packet

Week 38

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 packets assignments are mandatory and must be completed by all scholars.


Brighter Choice
Charter School for Boys
Day # 1

Name: _____ Week 38 Day 1 Date: _____

BCCS-B Howard Morehouse Hampton

LEQ: How can I use a place value chart and metric measurement to compare decimals and answer comparison questions?

Objective: I can use the place value chart and metric measurement to compare decimals and answer comparison questions.

Do Now

Decimal Fraction Equivalency

Example: write 2 ones and 3 tenths as a decimal, a fraction and improper fraction.

$$2.3 = 2\frac{3}{10} = \frac{23}{10}$$

You do the same for the following:

4 ones 23 hundredths= _____

1 ten 7 tenths= _____

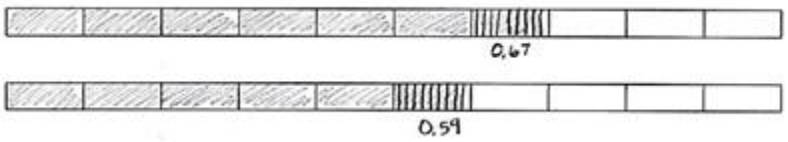
3 tens 4 ones 12 hundredths= _____

Input

Problem 1: Compare pairs of decimal numbers representing length.

Below is an example of 2 separate meter sticks. The first meter stick is shaded to show 0.67m and the second is shaded to show 0.54m.

Rewrite these lengths as fractions. 0.67 = _____ and 0.54= _____



Name: _____ Week 38 Day 1 Date: _____

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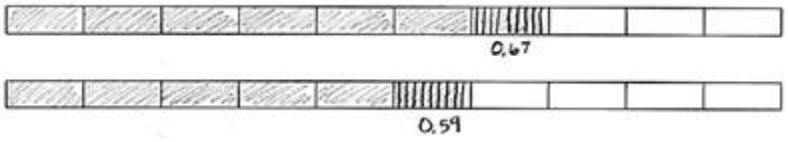
Input



Using the place value chart, place both of these decimal amounts in the chart.

Ones	Decimal	Tenths	hundredths

Using the phrases *longer than and shorter than*, compare the two decimal amounts.

_____

_____

Try the next one:

Using the tape diagram models shade 0.4m and 0.34m:

Rewrite both decimals as fractions:

0.4= _____ 0.34= _____

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Input

Using the phrases longer than and shorter than, write 2 phrases to compare the decimals 0.4 and 0.34

_____

_____

Problem 2: Compare pairs of decimal numbers representing mass.

Below there are 4 bags of rice and the weight of each bag.

Bag A= 1/10kg

Bag B= 0.65kg

Bag C=0.7kg

Bag D=0.46kg

Record the masses of the bags of rice in the chart below:

Mass of Rice Bags (kilograms)

Rice Bag	ones	.	tenths	hundredths
A				
B				
C				
D				

Let's make 1 statement comparing 2 of the bags of rice using the phrase heavier than or lighter than:

_____

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Input

On your own write 2 more statements comparing 2 different bags of rice using the same phrase and we did on the other page:

_____

_____

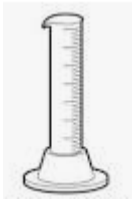
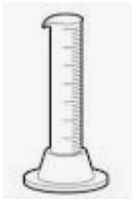
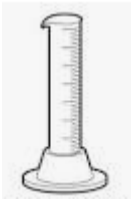
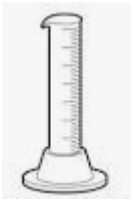
Using these chart that we filled out on the other page, order the fractions from least to greatest:

_____, _____, _____, _____

Mass of Rice Bags (kilograms)

Rice Bag	ones	.	tenths	hundredths
A	0	.	1	0
B	0	.	6	5
C	0	.	7	
D	0	.	4	6

Problem 3: Compare pairs of decimal numbers representing volume.

Cylinder A = 3/10 L Cylinder B =15/100 Cylinder C=29/100 Cylinder D=9/100

Using the chart below, fill in the decimal version of each amount from above:

Volume of Liquid (liters)

Cylinder	ones	.	tenths	hundredths
A				
B				
C				
D				

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Input

Volume of Liquid (liters)

Cylinder	ones	.	tenths	hundredths
A	0	.	3	
B	0	.	1	5
C	0	.	2	9
D	0	.	0	9

Now that we have completed this table

Let's order the amounts from greatest to least.

_____, _____, _____, _____

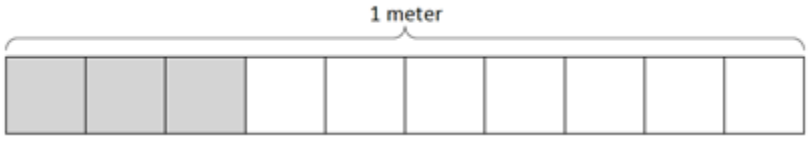
How did you determine the amount that was the largest? _____

_____

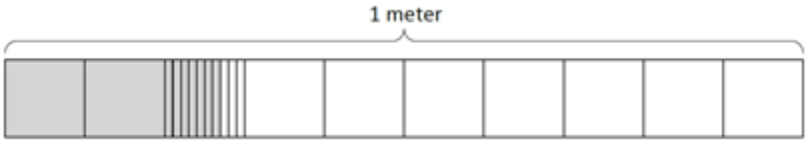
CFU

1. Express the lengths of the shaded parts in decimal form. Write a sentence that compares the two lengths. Use the expression *shorter than* or *longer than* in your sentence.

a.



= _____



= _____

Write a sentence that compares the two lengths:

_____

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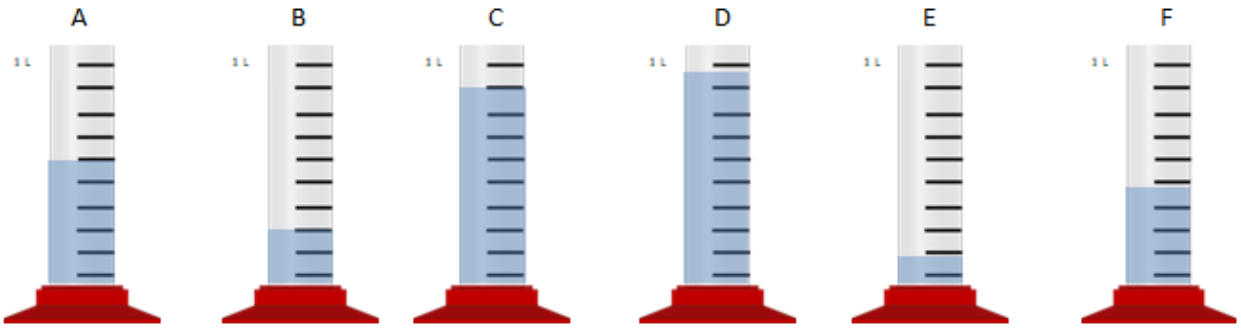
CFU

2. Record the volume of water in each graduated cylinder on the place value chart below:



0.6 liter 0.3 liter 0.9 liter 0.97 liter 0.19 liter 0.48 liter

Volume of Water (liters)

Cylinder	ones	.	tenths	hundredths
A				
B				
C				
D				
E				
F				

Compare the values using >, <, or =.

a. 0.9 L _____ 0.6 L

b. 0.48 L _____ 0.6 L

c. 0.3 L _____ 0.19 L

d. Write the volume of water in each graduated cylinder in order from least to greatest.

_____, _____, _____, _____, _____, _____

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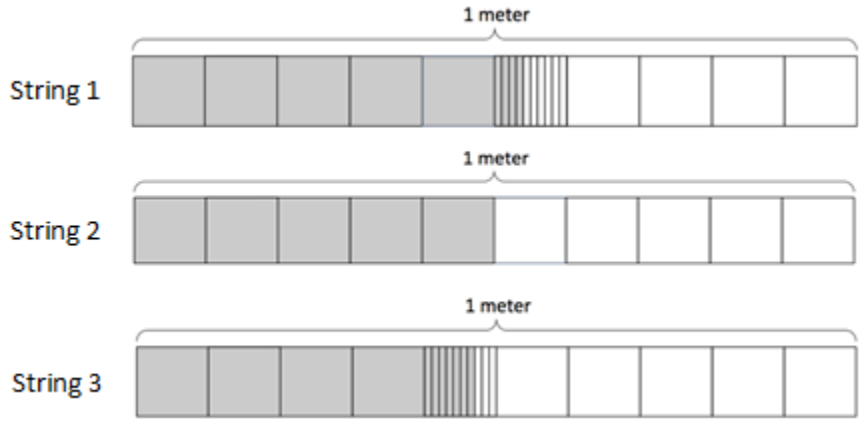
Exit Ticket

1. Doug measures the lengths of three strings and shades tape diagrams to represent the length of each
   string as show below. Express, in decimal form, the length of each string.



String 1= _____m String 2= _____m String 3= _____m

b. List the lengths of the strings in order from greatest to least.

_____, _____, _____

2. Compare the values below using >, <, or =.

a. 0.8 kg _____ 0.6 kg

b. 0.36 kg _____ 0.5 kg

c. 0.4 kg _____ 0.47 kg

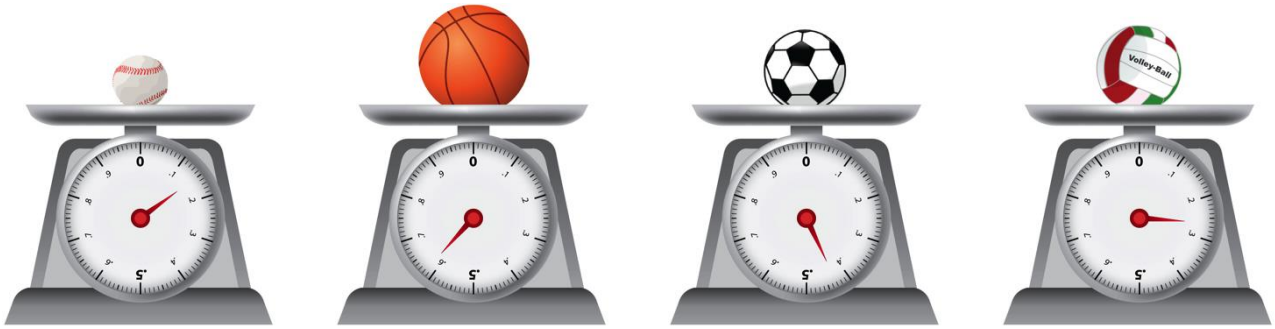
Name: _____ Week 38 Day 1 Date: _____

BCCS-B Howard Morehouse Hampton

Homework

1. Examine the mass of each item as shown below on the 1-kilogram scales. Put an X over the items

   that are heavier than the volleyball



0.15 kg 0.62 kg 0.43 kg 0.25 kg

b. Express the mass of each item on the place value chart.

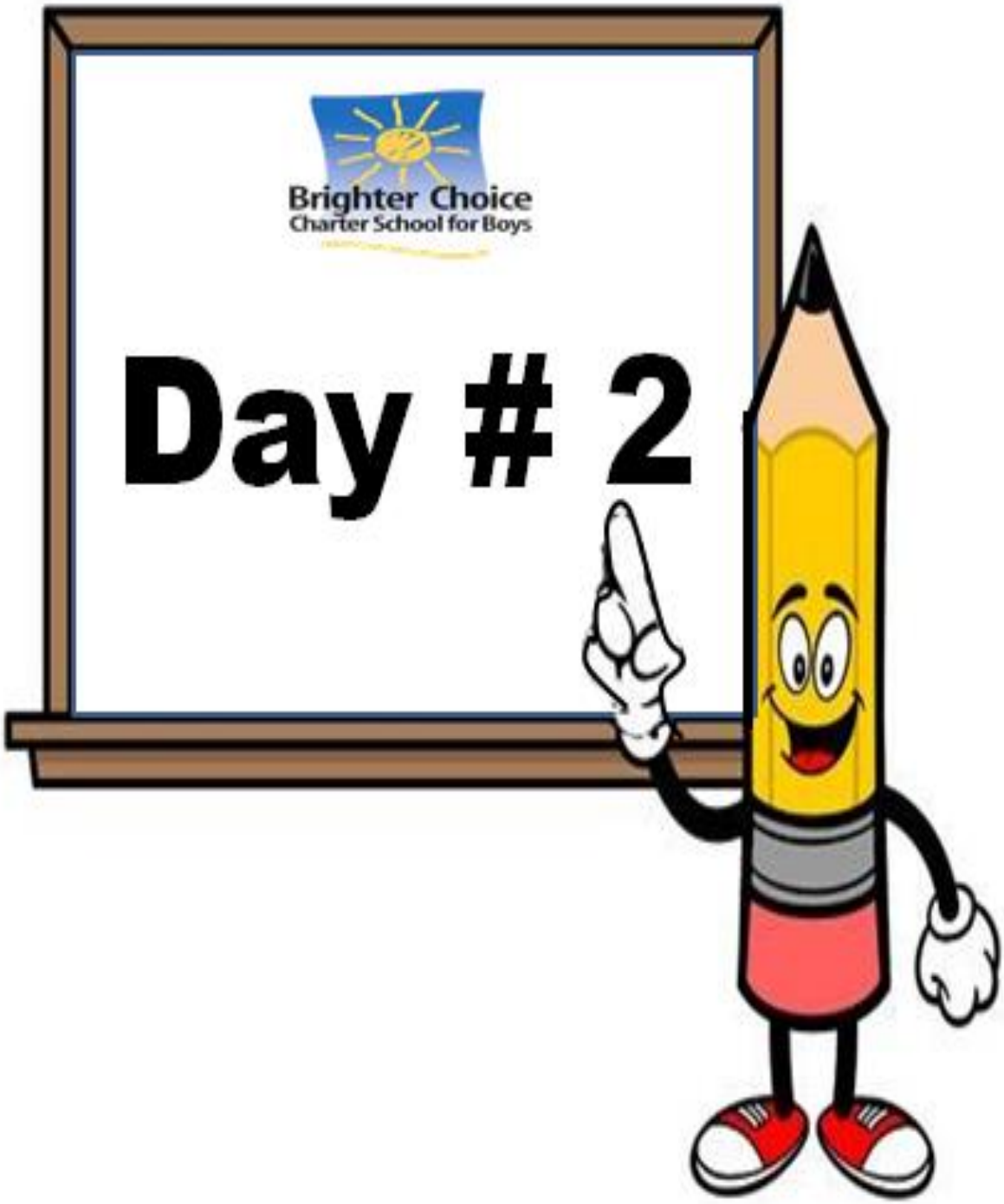
Mass of Sport Balls (kilograms)

Sport Balls	ones	.	tenths	hundredths
baseball				
volleyball				
basketball				
soccer ball				

c. Complete the statements below using the words *heavier than* or *lighter than* in your statements.

The soccer ball is _____ the baseball.

The volleyball is _____ the basketball.


Brighter Choice
Charter School for Boys
Day # 2

Name: _____ Week 38 Day 2 Date: _____

BCCS-B Howard Morehouse Hampton

LEQ: How can I use area models and the number line to compare decimal numbers, and record comparisons using <, >, and =.

Objective: I can use area models and the number line to compare decimal numbers, and record comparisons using <, >, and =.

Do Now

Kelly's dog weighs 14 kilograms 24 grams. Mary's dog weighs 14 kilograms 205 grams. Hae Jung's dog weighs 4,720 grams.

a. Order the weight of the dogs in grams from least to greatest.

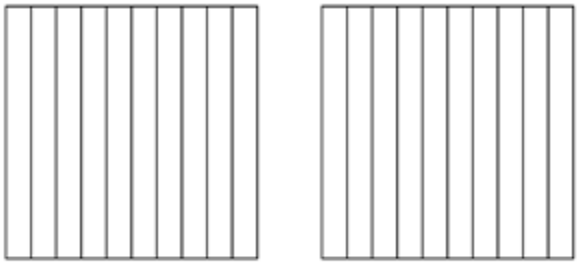
_____, _____, _____

b. How much more does the heaviest dog weigh than the lightest dog?

Input

Problem 1: Compare pairs of decimal numbers using an area model. Record the comparison using <, >, and =.

Compare 0.15 and 0.51 using the area models below



_____

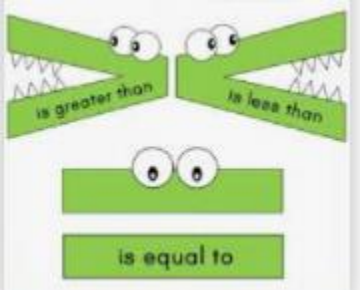
How do the area models help compare these decimals?

Name: _____ Week 38 Day 2 Date: _____

BCCS-B Howard Morehouse Hampton

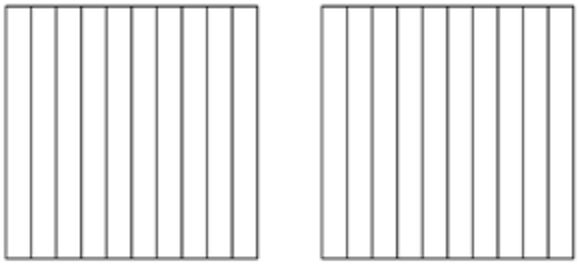
Input

Try the next 2 on your own and remember:



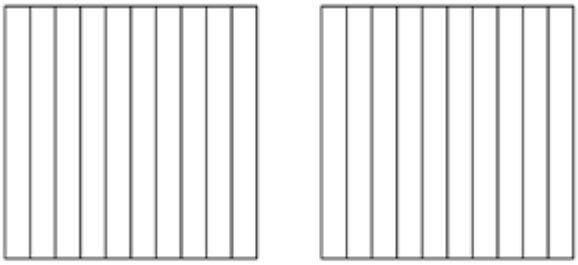
Directions: Shade the area models to show each decimal and then use the correct symbol to make the comparison true.

0.37 and 0.3



_____

0.27 and 0.7



_____

Problem 2: Compare decimal numbers on a number line. Record the comparison using <, >, and =.

←----------→

Using the number line above, label the end points 4 and 3 tenths and 4 and 6 tenths.

Now, label 4 and 4 tenths and 4 and 5 tenths.

Plot and label the points 4.50 and 4.38, how can we plot these points?

Name: _____ Week 38 Day 2 Date: _____

BCCS-B Howard Morehouse Hampton

Input

How does the number line help compare these decimals? _____

_____

Write 2 comparison statements using the < and > than symbols.

_____ and _____

Your turn

Plot the 2 decimals below on the number line given and then fill in the comparison statement will the < or > symbol.

6.37 ____ 6.3

←----------→

Problem 3: Compare decimal numbers using <, >, and =.

Based on what we have learned about comparing decimals, compare the following decimals using the <, > or = to symbol and support your answer with a reason. We will do the first 2 together.

6.24 ____ 5.24	0.48 ____ 2.1	3.3 ____ 3.30
8.02 ____ $8\frac{2}{10}$	5.2 ____ 52 tenths	4 tenths ____ 45 hundredths

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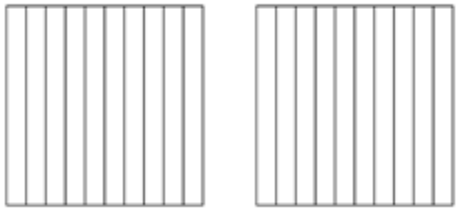
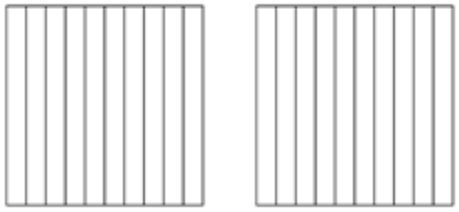
CFU

Shade the area models below, decomposing tenths as needed, to represent the pairs of decimal numbers. Fill in the blank with <, >, or = to compare the decimal numbers.

a. 0.23 _____ 0.4



b. 0.6 _____ 0.38



Locate and label the points for each of the decimal numbers on the number line. Fill in the blank with <, >, or = to compare the decimal numbers.

a. 10.03 _____ 10.3

Use the symbols <, >, or = to compare.

a. 3.42 _____ 3.75

b. 4.21 _____ 4.12

c. 2.15 _____ 3.15

d. 4.04 _____ 6.02

Name: _____ Week 38 Day 2 Date: _____

BCCS-B Howard Morehouse Hampton

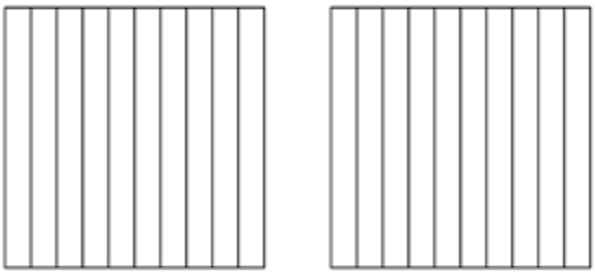
Application Problem

In science class, Emily's 1-liter beaker contains 0.3 liter of water. Ali's beaker contains 0.8 liter of water, and Katie's beaker contains 0.63 liter of water. Who can pour all of her water into Emily's beaker without going over 1 liter, Ali or Katie? Use CUBES to solve. **HINT: DRAW A PICTURE! ONE OF THE BEAKERS WOULD SPILL OVER!**

Exit Ticket

Ryan says that 0.6 is less than 0.60 because it has fewer digits. Jessie says that 0.6 is greater than 0.60. Who is right? Why? Use the area models below to help explain your answer.

0.6 _____ 0.60



Explain.

Name: _____ Week 38 Day 2 Date: _____

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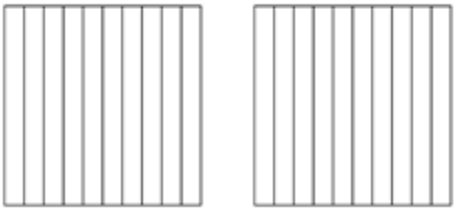
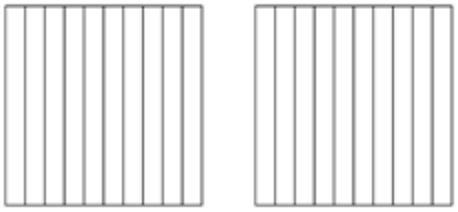
Homework

1. Shade the parts of the area models below, decomposing tenths as needed, to represent the pairs of decimal numbers. Fill in the blank with <, >, or = to compare the decimal numbers.

a. 0.19 _____ 0.3



b. 0.6 _____ 0.06



2. Locate and label the points for each of the decimal numbers on the number line.
   Fill in the blank with <, >, or = to compare the decimal numbers.

a. 7.2 _____ 7.02

3. Use the symbols <, >, or = to compare.

a. 2.68 _____ 2.54

b. 6.37 _____ 6.73

c. 9.28 _____ 7.28

d. 3.02 _____ 3.2


Brighter Choice
Charter School for Boys
Day # 3

Name: _____ Week 38 Day 3 Date: _____

BCCS-B Howard Morehouse Hampton

LEQ: How many different ways are there to compare and order mixed numbers?

Objective: I can compare and order mixed numbers in various ways.

Directions: Cut out the cards below.

3 tenths	0.2
0.17	$\frac{34}{100}$
13 hundredths	$\frac{4}{10}$

Name: _____ Week 38 Day 3 Date: _____

BCCS-B Howard Morehouse Hampton

LEAVE THIS PAGE BLANK

Name: _____ Week 38 Day 3 Date: _____

BCCS-B Howard Morehouse Hampton

Input

Problem 1: Arrange mixed numbers, fractions, and decimals on a number line.

Using the cards that we just cut out, we will place them in order from least to greatest. I will give you about 4 minutes to arrange your cards in the order that you think they belong and then we will go over the results.

Write the numbers in order from least to greatest:

_____, _____, _____, _____, _____, _____

Now, using the number line below, lets arrange the numbers from above on the number line.

←----------→

Problem 2: Arrange mixed numbers, fractions, and decimals in order from greatest to least.

Instead of using a number line to compare the following numbers, lets using the <,> symbols.

Using the numbers below, arrange from greatest to least.

What do you notice about how these numbers are written? _____

_____

What should we do before we put them in order? _____

_____

$\frac{18}{10}$, 1.08, $\frac{18}{100}$, $1\frac{81}{100}$, $\frac{190}{100}$, 1.82

Name: _____

BCCS-B Howard Morehouse Hampton

CFU

Plot the following points on the number line.

a. $0.2, \frac{1}{10}, 0.33, \frac{12}{100}, 0.21, \frac{32}{100}$

b. $3.62, 3.7, 3\frac{85}{100}, \frac{38}{10}, \frac{364}{100}$

Application problem

During a triple jump contest, Hae Jung jumped 8.76 meters. Marianne jumped $8\frac{7}{10}$ meters. Beth jumped $\frac{880}{100}$ meters. Lily jumped 8.07 meters. In what place did each student rank? **Hint: Convert Marianne and Beth's jumps to decimals so you can better compare them!**

Name: _____ Week 38 Day 3 Date: _____

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Exit Ticket

Arrange the following numbers in order from greatest to least using decimal form. Use the > symbol between each number.

5.6, $\frac{605}{100}$, 6.15, $6\frac{56}{100}$, $\frac{516}{100}$, 6 ones and 5 tenths

---

HOMEWORK

1. Plot the following points on the number line using decimal form.

   a. 0.6, $\frac{5}{10}$, 0.76, $\frac{79}{100}$, 0.53, $\frac{67}{100}$

   b. 8 ones and 15 hundredths, $\frac{832}{100}$, $8\frac{27}{100}$, $\frac{82}{10}$, 8.1


Brighter Choice
Charter School for Boys
Day # 4
SUB PLANS Today
NO HOMEWORK TODAY


Brighter Choice
Charter School for Boys
Day # 5
SUB PLANS Today
No HOMEWORK TODAY

Name _____

4th Grade Modified Math Remote Learning Packet

Week 39

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 packets assignments are mandatory and must be completed by all scholars.


Brighter Choice
Charter School for Boys
Day # 1

Name: _____ Week 39 Day 1 Date: _____

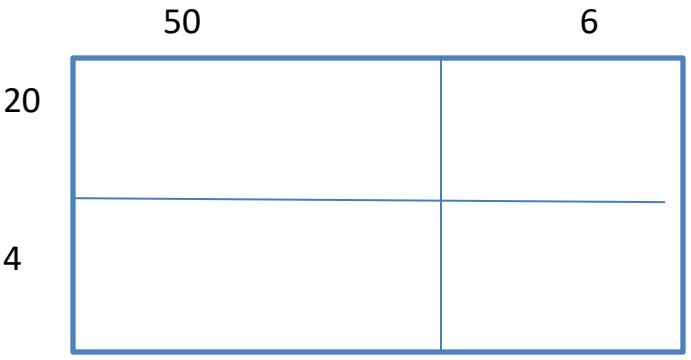
BCCS-B Howard Morehouse Hampton

LEQ: How can I use what I have learned about 2 digit multiplication and apply it to solving a standard algorithm?

Objective: I can use what I have learned about a standard algorithm and apply it to solving a 2 digit by 2 digit problem.

Do Now

Below is an area model that has been filled out for you. I want you to take 2 minutes silent solo to write the equation that the area model is representing.



Equation: _____

Solve:

Name: _____ Week 39 Day 1 Date: _____

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68 x 57= _____ 39 x 24= _____

Name: _____ Week 39 Day 1 Date: _____

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Input

Using the tool kit on the previous page and what we just practiced using the video we are going to solve some questions together and on your own. Let's first go over the steps in the tool kit.

Step 1: Multiply the digit in the _____ place by both digits on the top.

Step 2: Add a _____ to the ones place as a place holder.

Step 3: Multiply the digit in the _____ place by both digits on the top.

Step 4: _____ the two partial products together.

Problem 1: 35 x 26

Name: _____ Week 39 Day 1 Date: _____

BCCS-B Howard Morehouse Hampton

Input

Your turn!

43 x 67

Problem 2: 24 x 36

Name: _____ Week 39 Day 1 Date: _____

BCCS-B Howard Morehouse Hampton

Input

Your turn!

37 x 49=

Application Problem

Ms. Young purchased 28 boxes of pencils for prizes. Each box contained 35 pencils. How many total pencils did Ms. Young purchase?

Name: _____ Week 39 Day 1 Date: _____

BCCS-B Howard Morehouse Hampton

Exit Ticket-google form

Directions: Solve both of the following equations using a standard algorithm below and then submit your answers in your google classroom using the google form posted.

22 x 43

64 x 15

Name: _____ Week 39 Day 1 Date: _____

BCCS-B Howard Morehouse Hampton

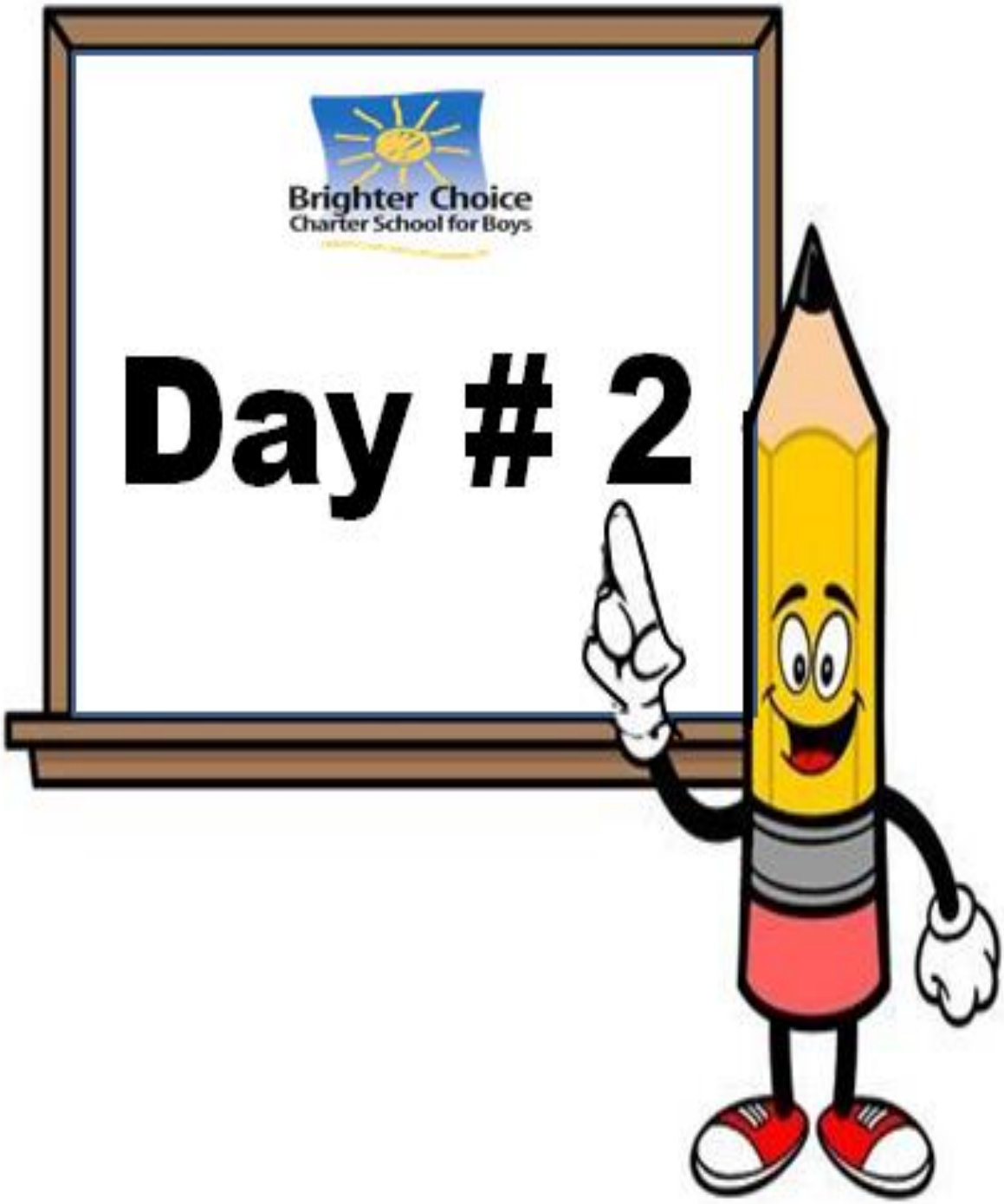
Homework-google form

a.
$$\begin{array}{r} 68 \\ \times\ 23 \\ \hline \end{array}$$

b.
$$\begin{array}{r} 49 \\ \times\ 33 \\ \hline \end{array}$$

c.
$$\begin{array}{r} 16 \\ \times\ 25 \\ \hline \end{array}$$

d.
$$\begin{array}{r} 54 \\ \times\ 71 \\ \hline \end{array}$$


Brighter Choice
Charter School for Boys
Day # 2

Name: _____ Week 39 Day 2 Date: _____

BCCS-B Howard Morehouse Hampton

LEQ: How can a divide a number that requires decomposition in the tens place?

Objective: I can Represent and solve division problems requiring decomposing a remainder in the tens.

Do Now

Audrey and her sister found 9 dimes and 8 pennies. If they share the money equally, how much money will each sister get?

Hint: 9 dimes = 90 cents
+ 8 pennies = 8 cents
98 cents

Divide the answer above by 2

Input

Problem 1: Divide two-digit numbers by one-digit numbers using place value disks, regrouping in the tens.

3 ones ÷ 2

Tens	Ones

Name: _____ Week 39 Day 2 Date: _____

BCCS-B Howard Morehouse Hampton

Input

3 tens ÷ 2

Tens	Ones

Your Turn

4 ones ÷ 3

Tens	Ones

4 tens 2 ones ÷ 3

Tens	Ones

Problem 2

8 tens 4 ones ÷ 3

_____ ÷ 3= _____

Tens	Ones

Name: _____ Week 39 Day 2 Date: _____

BCCS-B Howard Morehouse Hampton

CFU

Try a few more on your own:

75 ÷ 3

Tens	Ones

$3\overline{)75}$

quotient = _____

remainder = _____

92 ÷ 4

Tens	Ones

$4\overline{)92}$

quotient = _____

remainder = _____

Name: _____ Week 39 Day 2 Date: _____

BCCS-B Howard Morehouse Hampton

Application Problem

Greg read the same number of pages every night for 4 nights in a row. If he read a total of 52 pages, how many pages did he read each night?

Hint: 52 divided by 4

Exit Ticket-google form

5 ÷ 4

Ones

$4\overline{)5}$

56 ÷ 4

Tens	Ones

$4\overline{)56}$

Name: _____ Week 39 Day 2 Date: _____

BCCS-B Howard Morehouse Hampton

Homework-google form

73 ÷ 2

Tens	Ones

$2\overline{)73}$

62 ÷ 4

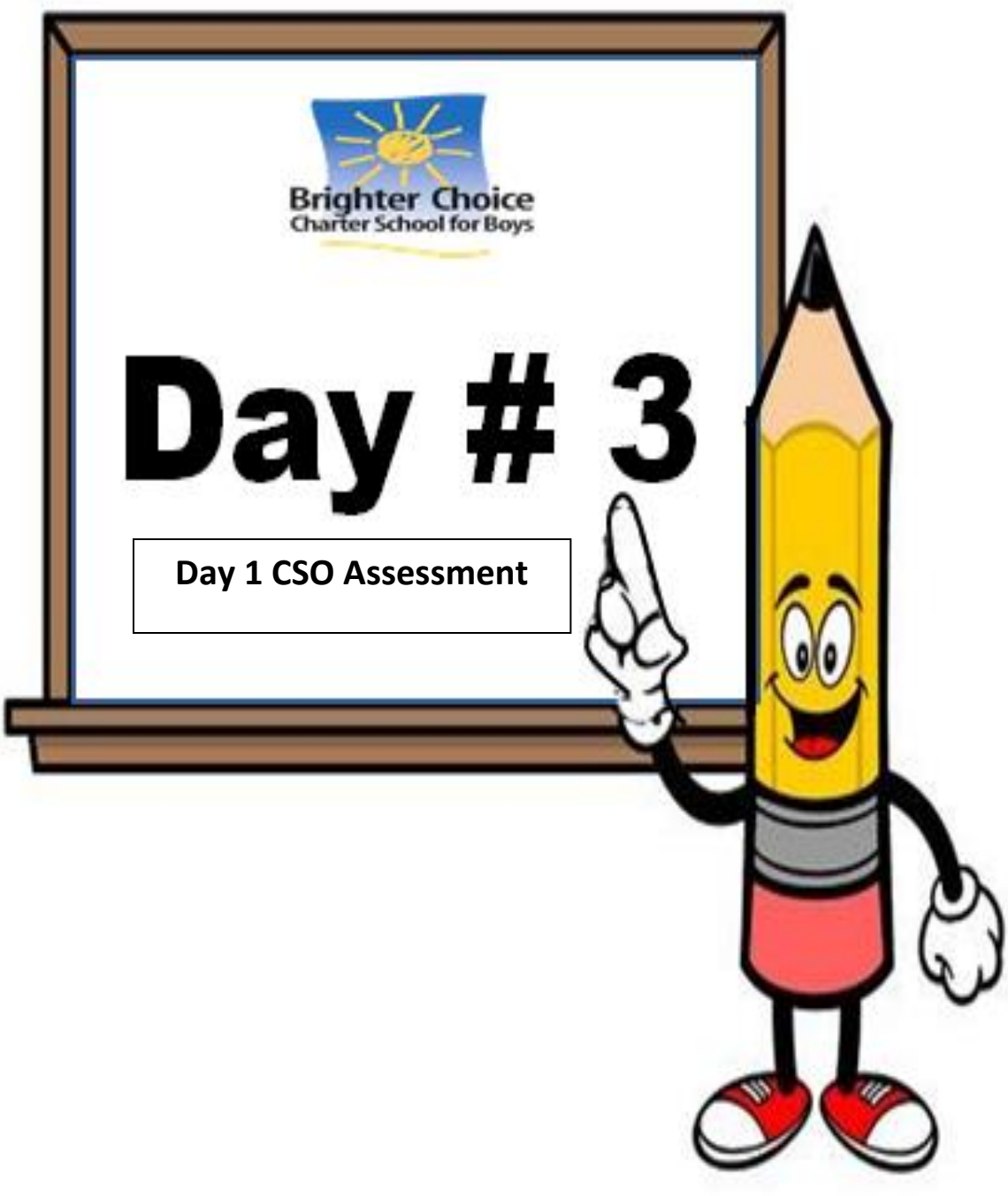
Tens	Ones

$4\overline{)62}$

84 ÷ 3

Tens	Ones

$3\overline{)84}$


Brighter Choice
Charter School for Boys
Day # 3
Day 1 CSO Assessment

Four students gave these examples of prime numbers.

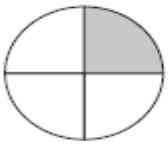
Student	Prime Number
Daniel	4
Kristen	7
Nick	25
Mary	93

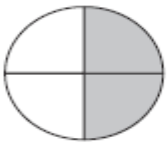
Which student gave a correct example?

A. Daniel
B. Kristen
C. Nick
D. Mary

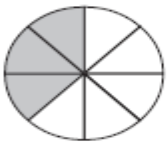
2. Tom shaded the figure below to model a fraction.

Which figure models an equivalent fraction?

A 

B 

C 

D 

3. Lisa has 24 coins that she arranges into equal stacks. Which could **not** be a way that Lisa arranges the coins?

A. 5 stacks of 5 coins
B. 4 stacks of 6 coins
C. 3 stacks of 8 coins
D. 2 stacks of 12 coins

4. Mackenzie made some birdseed mix using corn, sunflower seeds, and millet.

- $\frac{2}{6}$ of the mixture was corn
- $\frac{3}{6}$ of the mixture was sunflower seeds
- the rest of the mixture was millet

What fraction of the birdseed mix was millet?

A. $\frac{1}{6}$

B. $\frac{3}{6}$

C. $\frac{4}{6}$

D. $\frac{5}{6}$

5. Liz bought 2 sweaters for $28.50 each. She also bought a pair of sneakers for $85. She gave the cashier $150. How much change should Liz have received from the cashier?

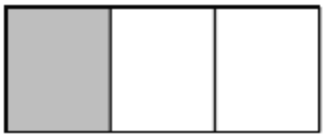
A. $6
B. $8
C. $16
D. $18

6. There are 5,280 feet in a mile. What is the total number of feet in 6 miles?

A. 31,280 feet
B. 31,680 feet
C. 33,680 feet
D. 35,280 feet

7. Which fraction model has a shaded area equivalent to $\frac{3}{12}$?

A 

C 

B 

D 

8. What is the value of the expression below?

2,816 x 7

A. 14,572

B. 14,672

C. 19,612

D. 19,712

9. In the number below, how many times greater is the number represented by the digit in the thousands place than the number represented by the digit in the hundreds place?

57,762

A. 1
B. 10
C. 100
D. 1,000

10. Which two numbers both round to 1,500 when rounded to the nearest hundred?

A. 1,399 and 1,599
B. 1,449 and 1,549
C. 1,457 and 1,547
D. 1,489 and 1,589

11. Which expression is equivalent to $\frac{7}{10} - \frac{2}{10}$?

A. $\frac{2}{10} + \frac{3}{10}$

B. $\frac{5}{10} + \frac{4}{10}$

C. $\frac{1}{5} + \frac{4}{5}$

D. $\frac{3}{6} + \frac{2}{4}$

12. Which set of numbers lists the first six multiples of 6?

A. 1, 2, 3, 4, 6, 12

B. 2, 4, 6, 8, 10, 12

C. 12, 24, 36, 48, 60, 72

D. 6, 12, 18, 24, 30, 36

13. One ticket to a SUNY Albany basketball game costs $17. How much money does the stadium collect if 62 tickets are sold?

A. $79

B. $486

C. $1,044

D. $1,054

14. Alex has 218 in his stamp collection and wants to paste them into a scrapbook. He will paste 8 stamps on each page. Which statement is true?

A. He can completely fill 27 pages and will have 2 stamps left over.
B. He can completely fill 27 pages and will have 0 stamps left over.
C. He can completely fill 28 pages and will have 6 stamps leftover.
D. He can completely fill 28 pages and will have 0 stamps left over.

15. Zaire mixed $\frac{5}{8}$ quart of orange juice with $\frac{3}{8}$ quart of apple juice. He drank $\frac{5}{8}$ quart of the juice mixture. How much juice is left?

A. $\frac{1}{8}$ quart

B. $\frac{2}{8}$ quart

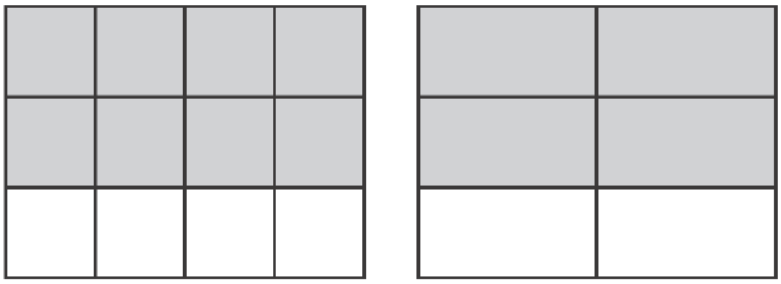
C. $\frac{3}{8}$ quart

D. $\frac{8}{8}$ quart

16. What is 735,286 rounded to the nearest ten thousand?

A. 700,000
B. 730,000
C. 735,000
D. 740,000

17. The models below are shaded to represent equivalent fractions



Which fraction is equivalent to the fractions shown by the models?

A. $\frac{2}{3}$

B. $\frac{4}{8}$

C. $\frac{6}{10}$

D. $\frac{9}{12}$

18. Which statement represents the number sentence below?

8 = 4 x 2

A. 4 is 8 times as many as 2

B. 4 is 2 times as many as 8

C. 8 is 2 times as many as 2

D. 8 is 4 times as many as 2

19. A number, rounded to the nearest thousand, is 47,000. Which number could be the number that was rounded?

A. 46,295
B. 46,504
C. 47,520
D. 47,924

20. Ms. Larson is buying 2 delivery vans for her business. The price of the first van is shown below.

$16,257

The digit 2 in the price of the second van is 10 times the value of the digit 2 in the price of the first van. Which amount could be the price of the second van?

A. $12,957

B. $15,927

C. $17,257

D. 21,579

21. What is 123 ÷ 8?

A. 15 remainder 7

B. 15 remainder 3

C. 16 remainder 5

D. 16 remainder 1

22. In Albany, it snowed $\frac{3}{5}$ meter on Saturday and $\frac{1}{5}$ meter on Sunday. How much more snow is needed on Monday to reach a total of 1 meter for the three days?

A. $\frac{1}{5}$ meter

B. $\frac{2}{5}$ meter

C. $\frac{3}{5}$ meter

D. $\frac{4}{5}$ meter

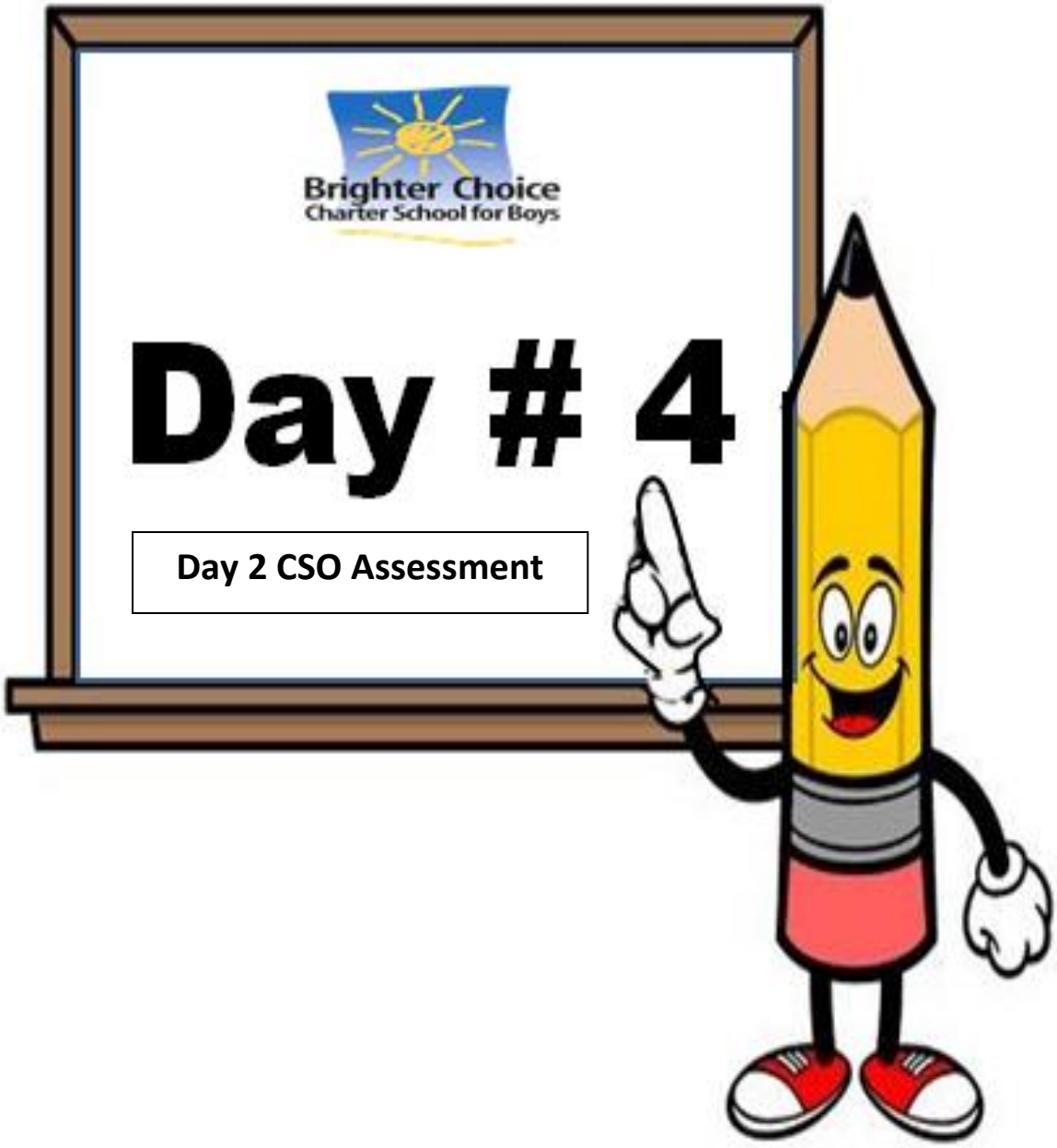
23. What is the rule for the pattern shown below?

41, 38, 35, 32, 29, …

A. divide by 3
B. divide by 4
C. subtract 3
D. subtract 4

24. Kailyn reads 24 pages of a book. She reads three times as many pages as Logan. Which equation can be used to find the total number of pages Logan read?

A. 24 x 3 = _____
B. 24 -3 =_____
C. 24 ÷ 3 =_____
D. 24 + 3 = _____


Brighter Choice
Charter School for Boys
Day # 4
Day 2 CSO Assessment

The area of a rectangular doghouse is 15 square feet. The length of the floor is five feet. What is the perimeter of the floor of the doghouse?

Show your work.

Answer_____feet

26. The workers at Cameron's Flower Shop are putting 1,323 flowers into vases for a party. Each vase must hold exactly 8 flowers. What is the total number of vases the workers can fill completely?

Answer: _____

27. Andre is a baker. He baked 3,240 cookies in one week. He placed the cookies in boxes containing 9 cookies each. What was the total number of boxes Andre used?

Show your work.

Answer _____ boxes

28. Ava, Carter, Luke and their dad each mow a different section of their yard.

- Ava mows $\frac{1}{12}$ of the yard
- Carter mows $\frac{2}{12}$ of the yard
- Luke mows $\frac{4}{12}$ of the yard
- Their dad mows the rest of the yard

Part A: Draw a model to represent the yard. Show the fraction of the yard their dad mows.

Part B: What fraction of the yard does their dad mow?

Answer _____

29. A teacher buys 8 packs of orange erasers and 6 packs of blue erasers for his classroom. There are 24 orange erasers in a pack and 28 blue erasers in a pack. What is the total number of erasers the teacher buys for his classroom?

Answer _____

30. The manager of a plant nursery wants to arrange 1,207 plants in 7 equal rows.

Part A: How many plants will each row have? Will there be any left over?

Show your work.

Answer _____ will be in each row.

Answer _____ will be left over.

Part B: If 620 more plants are brought to the nursery and are arranged with the original 1,207 plants in 7 rows, how many plants will there be in each row now? Will there be any plants left over?

Show your work.

Answer _____ will be in each row.

Answer _____ will be left over.

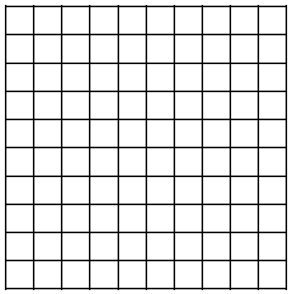

Brighter Choice
Charter School for Boys
Day # 5

Name: _____ Week 39 Day 5 Date: _____

BCCS-B Howard Morehouse Hampton

Today we are going to review the answers to our mid mod 6 assessment; I have included a sample of the test for you. I will share your score with you and then we will review the correct answers and how we got those answers.

1. Which fraction below correctly represents the amount shaded in the area model below?
   a. 34/10
   b. 34/100
   c. 30/100
   d. 3/10



2. What decimal is plotted on the number line?
   ←----------→

   a. 7.6
   b. 0.7
   c. 0.76
   d. 0.6

3. 0.4=____hundredths
   a. 400
   b. 4
   c. 40
   d. 100

Name: _____ Week 39 Day 5 Date: _____

BCCS-B Howard Morehouse Hampton

4. How many tenths are there in 3.4?
   a. 340
   b. 0.34
   c. 34
   d. 43

5. Which fraction is equal to 34.05
   a. 34 and 5/10
   b. 34 and 5/100
   c. 3 and 40/100
   d. 3 and 45/100

6. 90/100=_____
   a. 9 hundredths
   b. 900 hundredths
   c. 90 tenths
   d. 9 tenths

7. Which of the following statements are true?
   a. 1 tenth < 1 hundredth
   b. 1 hundredth > 1 tenth
   c. 1 tenth = 10 hundredths
   d. 1 one < 1 tenth

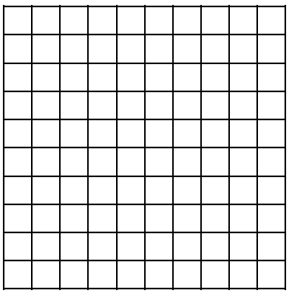
8. (1 x 6) + (3 x 1/10) + (4 x /100) = _____
   a. 6.34
   b. 3.46
   c. 3.64
   d. 6.43

Name: _____ Week 39 Day 5 Date: _____

BCCS-B Howard Morehouse Hampton

Open Response

9. Shade to show 93/100 of the area model below and write 93/100 as a decimal and in expanded form.



Decimal: _____

Expanded Form:

_____

10. Plot 5.45 on the number line.

←----------→

Name: _____ Week 39 Day 5 Date: _____

BCCS-B Howard Morehouse Hampton

11. Maya puts groceries in bags. The items and their weights in Kg are given below.

					
Bread	**Bananas**	**Cheese**	**Carrots**	**Grapes**	**Eggs**
0.25	0.34	0.56	$\frac{25}{100}$	$\frac{56}{100}$	$\frac{34}{100}$

a. Maya places the bread, eggs and cheese into a bag. What do all 3 items weigh together? SHOW YOUR WORK

b. Maya put the other 3 items into a separate bag. The two bags together weigh a total of 2 and 30 hundredths Kg. How much did the second bag weigh by itself? SHOW YOUR WORK

Name _____

4th Grade Modified Math Remote Learning Packet

Week 40

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 packets assignments are mandatory and must be completed by all scholars.

Name: _____ Week 40 Day 1 Date: _____

BCCS-B Howard Morehouse Hampton

LEQ: How can I express money in different forms?

Objective: I can express money in various forms such as decimals, fractions and unit.

Money Review

Do Now

At the end of the day, Cameron counted the money in his pockets. He counted 7 pennies, 2 dimes, and
2 quarters. Tell the amount of money, in cents, that was in Cameron's pockets.

Input

How many pennies are in a dollar? _____ How can we write that as a fraction and a decimal? _____ = _____ We can also write this as money:

$0._____ and read it as one _____

Name: _____ Week 40 Day 1 Date: _____

BCCS-B Howard Morehouse Hampton

Input

7 pennies are how many cents? _____ cents

How would we write this as a fraction of a dollar? _____ As a decimal? _____

How would we write this as money? $0._____

Try the next on your own:

31 pennies = _____

80 pennies= _____

100 pennies= _____

A dime also represents a fractional part of a dollar. How many dimes are in a dollar? _____ dimes

Draw a tape diagram to show how many dimes are needed to make a dollar.

What fraction of a dollar is a dime? _____ How do we write that as a decimal?

_____

I dime is equal to how many cents? _____

Draw a tape diagram to show how many quarters equal 1 dollar.

How many cents is a quarter worth? _____ what fraction of a dollar is a quarter? _____ How would we write this as a decimal? _____

Name: _____ Week 40 Day 1 Date: _____

BCCS-B Howard Morehouse Hampton

Input

Problem 2: Express the total value of combinations of pennies, dimes, and quarters in fraction and decimal form.

What is the value of 7 dimes 2 pennies expressed in cents? _____ cents

How would we write this as a decimal? _____ as a fraction? _____

Writing this as money is essentially the same as writing the decimal version except the fact that we have to include the dollar sign.

Write 72 cents as money: _____

Your Turn

Write 2 quarters 3 dimes 6 pennies as a fraction, decimal and money.

_____ = _____ = _____

What is the value of 3 quarters 4 dimes expressed in cents? _____ cents

Do we have more or less than a dollar and how do you know? _____ than a dollar. I know because _____.

How would we write this as a fraction?_____ as a mixed number? _____

How would we write this as a decimal? _____ money? _____

Try the next on your own:

5 quarters 7 pennies= _____ cents

Fraction = _____ decimal = _____ Money= _____

Name: _____ Week 40 Day 1 Date: _____

BCCS-B Howard Morehouse Hampton

Problem 3: Find the sum of two sets of bills and cents using whole number calculations and unit form.

6 dollars 1 dime 7 pennies + 8 dollars 1 quarter

Let's first rewrite this as dollar and cents.

_____ + _____

Let's remember what we have learned about added like units. We can add dollars to dollars and cents to cents.

Lets add the dollars first: _____

Now add the cents: _____

Now we can write the total as dollars and cents: _____

Try this one on your own:

5 dollars 3 dimes 17 pennies + 4 dollars 3 quarters
2 dimes

First rewrite this as dollar and cents: _____ + _____

Add the dollars: _____

Add the cents: _____

Write your final answer as dollar and cents: _____

Name: _____ Week 40 Day 1 Date: _____

BCCS-B Howard Morehouse Hampton

CFU

Solve. Give the total amount of money in fraction and decimal form.

15. 3 dimes and 8 pennies

16. 8 dimes and 23 pennies

17. 3 quarters 3 dimes and 5 pennies

18. 236 cents is what fraction of a dollar?

Solve. Express the answer as a decimal.

19. 2 dollars 17 pennies + 4 dollars 2 quarters

20. 3 dollars 8 dimes + 1 dollar 2 quarters 5 pennies

Name: _____ Week 40 Day 1 Date: _____

BCCS-B Howard Morehouse Hampton

Exit Ticket

Solve. Give the total amount of money in fraction and decimal form.

1. 2 quarters and 3 dimes

2. 1 quarter 7 dimes and 23 pennies

Solve. Express the answer as a decimal.

3. 2 dollars 1 quarter 14 pennies + 3 dollars 2 quarters 3 dimes


Brighter Choice
Charter School for Boys
Day # 2
Sub Plans


Brighter Choice
Charter School for Boys
Day # 3

Name: _____ Week 40 Day 3 Date: _____

BCCS-B Howard Morehouse Hampton

LEQ: How do I make change?

Objective: I can make change after I purchase items.

Today we are going to work on adding money and making change. Change is the

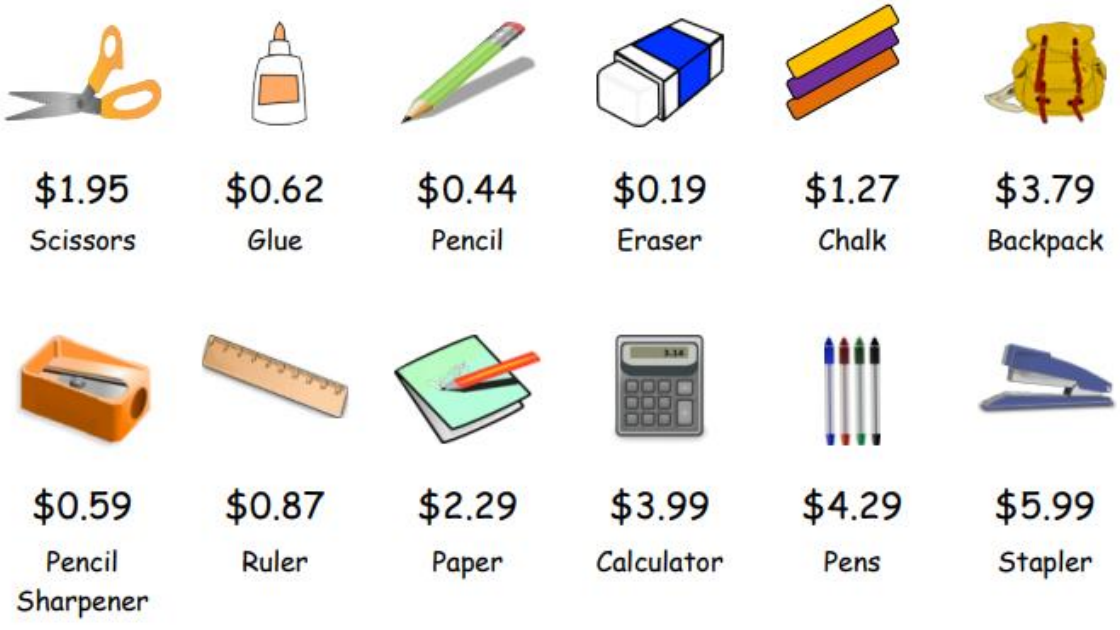
_____

_____

Below are the items that are available to buy.

Buying Items and Making Change

These are items that are available to buy.



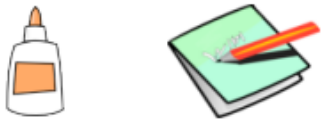
Name: _____ Week 40 Day 3 Date: _____

BCCS-B Howard Morehouse Hampton

As you can see on the previous page the items are of various amounts.

Here's an example:

Calculate the cost and then your change.

Items	Cost	Change
You buy **glue** and **paper**. 		You have $4.00

If we bought glue and paper, how much would we spend? _____

If we paid the cashier with $4.00, how much money will we get back? How do we find our change?

Let's try another one together and then you can try a few on your own.

Name: _____ Week 40 Day 3 Date: _____

BCCS-B Howard Morehouse Hampton

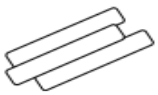
Input

If we buy the items below, how much will we spend? _____

You buy a **ruler** and **pens**.  		You have $7.00

If we paid with $7.00, how much money would we get back in change? Show your work?

Try the next two on your own.

You buy a **pencil sharpener** and a **stapler**.  		You have $10.00
You buy **scissors** and **chalk**.  		You have $8.00

Name: _____ Week 40 Day 3 Date: _____

BCCS-B Howard Morehouse Hampton

Now let's try making a problem of our own and solving it. After we make one, then you can each make your own and solve it.

Create 1 problem of your own. Answer it.

		You have $20.00

Now you make one of your own answer it.

Create 1 problem of your own. Answer it.

		You have $20.00


Brighter Choice
Charter School for Boys
Day # 4

Name: _____ Week 40 Day 4 Date: _____

BCCS-B Howard Morehouse Hampton

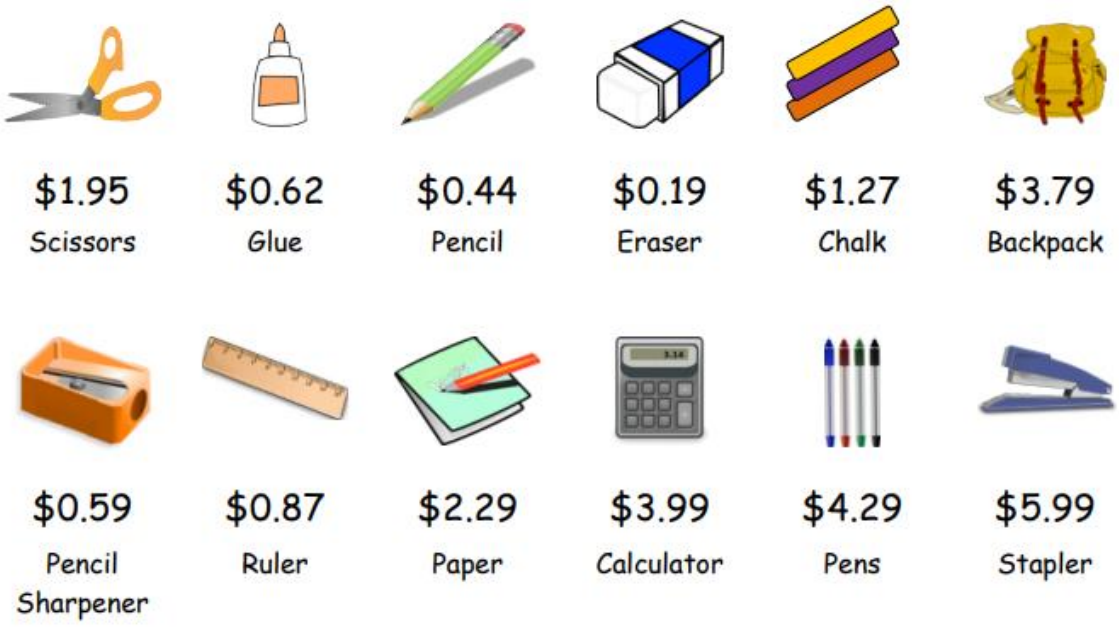
LEQ: How do I make change?

Objective: I can make change after I purchase items.

Yesterday we were working on making change from items that we purchased. We are going to do a little more work with that today.

Buying Items and Making Change

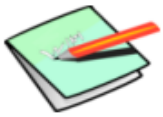
These are items that are available to buy.



Name: _____ Week 40 Day 4 Date: _____

BCCS-B Howard Morehouse Hampton

You buy a **calculator** and a **backpack**.  		You have $9.00
You buy an **eraser** and **pens**.  		You have $6.00

You buy a **ruler** and **paper**.  		You have $8.00
You buy **scissors**, **glue** and an **eraser**.   		You have $10.00
You buy a **backpack**, **eraser** and **pens**.   		You have $10.00

Name: _____ Week 40 Day 4 Date: _____

BCCS-B Howard Morehouse Hampton

Now, try to make 2 new problems on your own and be prepared to share your findings.

Create 1 problem of your own. Answer it.

		You have $20.00

Create 1 problem of your own. Answer it.

		You have $20.00

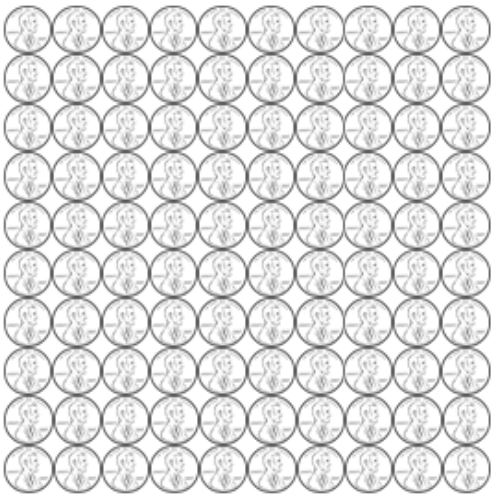

Brighter Choice
Charter School for Boys
Day # 5

Name: _____ Week 40 Day 5 Date: _____

BCCS-B Howard Morehouse Hampton

LEQ: How do I write money as decimals and fractions?

Objective: I can express money as decimals and fractions using what I know about decimal/fraction equivalency.



1. 100 pennies = $___._____ 100¢ = $\frac{\quad}{100}$ dollar
2. 1 penny = $___._____ 1¢ = $\frac{\quad}{100}$ dollar
3. 3 pennies = $___._____ 3¢ = $\frac{\quad}{100}$ dollar
4. 20 pennies = $___._____ 20¢ = $\frac{\quad}{100}$ dollar
5. 37 pennies = $___._____ 37¢ = $\frac{\quad}{100}$ dollar

6. 10 dimes = $___._____ 100¢ = $\frac{\quad}{10}$ dollar
7. 2 dimes = $___._____ 20¢ = $\frac{\quad}{10}$ dollar
8. 4 dimes = $___._____ 40¢ = $\frac{\quad}{10}$ dollar
9. 6 dimes = $___._____ 60¢ = $\frac{\quad}{10}$ dollar
10. 9 dimes = $___._____ 90¢ = $\frac{\quad}{10}$ dollar

Name: _____ Week 40 Day 5 Date: _____

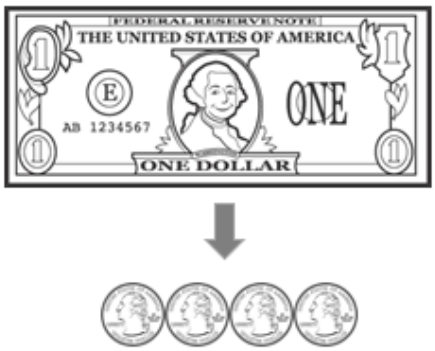
BCCS-B Howard Morehouse Hampton

11. 3 quarters = $___._____ 75¢ = $\frac{\quad}{100}$ dollar

12. 2 quarters = $___._____ 50¢ = $\frac{\quad}{100}$ dollar

13. 4 quarters = $___._____ 100¢ = $\frac{\quad}{100}$ dollar

14. 1 quarter = $___._____ 25¢ = $\frac{\quad}{100}$ dollar



Solve. Give the total amount of money in fraction and decimal form.

15. 5 dimes and 8 pennies

16. 3 quarters and 13 pennies

17. 3 quarters 7 dimes and 16 pennies

18. 187 cents is what fraction of a dollar?

Solve. Express the answer in decimal form.

19. 1 dollar 2 dimes 13 pennies + 2 dollars 3 quarters

20. 2 dollars 6 dimes + 2 dollars 2 quarters 16 pennies