

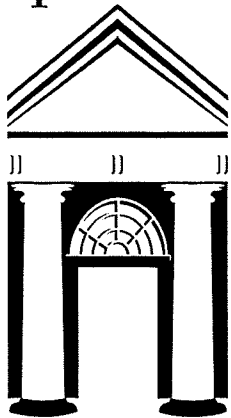
Name: _____

College: _____

4th Grade Math

Week of 6/1 - 6/4/2021

Spelman



College®



1867

HOWARD
UNIVERSITY

Tuesday

Date: June 1

Grade 4
Module 6
Lesson 12

Learning Target: I can apply my understanding of fraction and decimal equivalence to add tenths and hundredths..

Standards: 4.NF.5, 4.NF.6

Concept Development

1. What is $\frac{3}{4} + \frac{1}{2}$?

2. What is $\frac{3}{10} + \frac{4}{100}$?

Let's Work Together

Solve

a. $\frac{2}{10} + \frac{17}{100}$

b. $\frac{36}{100} + \frac{6}{10}$

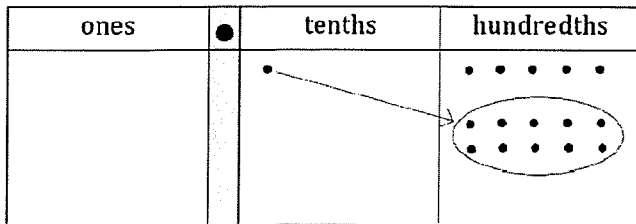
c. $\frac{6}{10} + \frac{57}{100}$

d. $\frac{64}{100} + \frac{9}{10}$

Let's Work Together

1. Complete the number sentence by expressing each part using hundredths. Model using the place value chart, as shown in part (a).

ones	tenths	hundredths
	•	• • • • • • • • • •



a. 1 tenth + 5 hundredths = _____ hundredths

You Try!

Complete the number sentence by expressing each part using hundredths. Model using the place value

ones	●	tenths	hundredths

b. $2 \text{ tenths} + 1 \text{ hundredth} = \underline{\hspace{2cm}}$ hundredths

ones	●	tenths	hundredths

c. $1 \text{ tenth} + 12 \text{ hundredths} = \underline{\hspace{2cm}}$ hundredths

2. Solve by converting all addends to hundredths before solving.

a. $1 \text{ tenth} + 3 \text{ hundredths} = \underline{\hspace{1cm}} \text{ hundredths} + 3 \text{ hundredths} = \underline{\hspace{1cm}} \text{ hundredths}$

b. $5 \text{ tenths} + 12 \text{ hundredths} = \underline{\hspace{1cm}} \text{ hundredths} + \underline{\hspace{1cm}} \text{ hundredths} = \underline{\hspace{1cm}} \text{ hundredths}$

c. $7 \text{ tenths} + 27 \text{ hundredths} = \underline{\hspace{1cm}} \text{ hundredths} + \underline{\hspace{1cm}} \text{ hundredths} = \underline{\hspace{1cm}} \text{ hundredths}$

d. $37 \text{ hundredths} + 7 \text{ tenths} = \underline{\hspace{1cm}} \text{ hundredths} + \underline{\hspace{1cm}} \text{ hundredths} = \underline{\hspace{1cm}} \text{ hundredths}$

You Try!

3. Find the sum. Convert tenths to hundredths as needed. Write your answer as a decimal.

a. $\frac{2}{10} + \frac{8}{100}$

b. $\frac{13}{100} + \frac{4}{10}$

c. $\frac{6}{10} + \frac{39}{100}$

d. $\frac{70}{100} + \frac{3}{10}$

4. Solve. Write your answer as a decimal.

a. $\frac{9}{10} + \frac{42}{100}$

b. $\frac{70}{100} + \frac{5}{10}$

EXIT TICKET

Name: _____

Date: _____

BCCSG

Howard / Spelman

Grade 4
Module 6
Lesson 12

Learning Target: I can apply my understanding of fraction and decimal equivalence to add tenths and hundredths..

Standards: 4.NF.5, 4.NF.6

Directions: Answer the questions below. Make sure you show work for every question. Record your answer on Google Classroom.

1. Complete the number sentence by expressing each part using hundredths. Use the place value chart to model.

ones	●	tenths	hundredths

1 tenth + 9 hundredths = _____ hundredths

2. Find the sum. Write your answer as a decimal.

$$\frac{4}{10} + \frac{73}{100}$$

Grade: _____

Wednesday

Date: June 2

Grade 4
Module 6
Lesson 13

Learning Target: I can add decimal numbers by converting to fraction form.

Standards: 4.NF.6

Concept Development

We can add two decimal numbers by converting to fractions.

$$0.3 + 0.57$$

Let's look at this in decimal form.

Place Value Chart

100	10	1	.	$\frac{1}{10} = 0.1$	$\frac{1}{100} = 0.01$
hundreds	tens	ones	.	tenths	hundredths

Adding & Subtracting Decimals...

Rule 1 line 'em up!

$\begin{array}{r} 1.9 \\ + 6.75 \\ \hline \end{array}$	$\begin{array}{r} 15.1 \\ - 7.95 \\ \hline \end{array}$
--	---

Place
Value
Matters!

Rule 2 drop it down!

$\begin{array}{r} 1.9 \\ + 6.75 \\ \hline \end{array}$	$\begin{array}{r} 15.1 \\ - 7.95 \\ \hline \end{array}$
--	---

No decimal
change the
value!

Rule 3 fill 'em in!

$\begin{array}{r} 1.90 \\ + 6.75 \\ \hline \end{array}$	$\begin{array}{r} 15.10 \\ - 7.95 \\ \hline \end{array}$
---	--

Think -
Decimals
make
sense!

Concept Development

We can add two decimal numbers by using whole numbers and like fractional units by converting to fractions..

$$6.8 + 5.7$$

Let's look at this in decimal form.

Place Value Chart

100	10	1	.	$\frac{1}{10} = 0.1$	$\frac{1}{100} = 0.01$
hundreds	tens	ones	.	tenths	hundredths

We can add two decimal numbers with wholes, tenths and hundredths by converting to fractions

$$3.5 + 2.49$$

Let's look at this in decimal form.

Place Value Chart

100	10	1	.	$\frac{1}{10} = 0.1$	$\frac{1}{100} = 0.01$
hundreds	tens	ones	.	tenths	hundredths

Concept Development

How would we subtract?

$$4.7 - 2.67$$

Place Value Chart

100	10	1	.	$\frac{1}{10} = 0.1$	$\frac{1}{100} = 0.01$
hundreds	tens	ones	.	tenths	hundredths

You Try!

1. Solve. Convert tenths to hundredths before finding the sum. Rewrite the complete number sentence in decimal form. Problems 1(a) and 1(b) are partially completed for you.

a. $2\frac{1}{10} + \frac{3}{100} = 2\frac{10}{100} + \frac{3}{100} = \underline{\hspace{2cm}}$ $2.1 + 0.03 = \underline{\hspace{2cm}}$	b. $2\frac{1}{10} + 5\frac{3}{100} = 2\frac{10}{100} + 5\frac{3}{100} = \underline{\hspace{2cm}}$
c. $3\frac{24}{100} + \frac{7}{10}$	d. $3\frac{24}{100} + 8\frac{7}{10}$

2. Solve. Then, rewrite the complete number sentence in decimal form.

a. $6\frac{9}{10} + 1\frac{10}{100}$	b. $9\frac{9}{10} + 2\frac{45}{100}$
c. $2\frac{4}{10} + 8\frac{90}{100}$	d. $6\frac{37}{100} + 7\frac{7}{10}$

You Try!

3. Solve by rewriting the number sentence in fraction form. After solving, rewrite the complete number sentence in decimal form.

a. $6.4 + 5.3$	b. $6.62 + 2.98$
c. $2.1 + 0.94$	d. $2.1 + 5.94$
e. $5.7 + 4.92$	f. $5.68 + 4.9$
g. $4.8 + 3.27$	h. $17.6 + 3.59$

EXIT TICKET

Name: _____

BCCSG

Date: _____

Howard / Spelman

Grade 4
Module 6
Lesson 13

Learning Target: I can add decimal numbers by converting to fraction form.

Standards: 4.NF.6

Directions: Answer the questions below. Make sure you show work for every question. Record your answer on Google Classroom.

Solve by rewriting the number sentence in fraction form. After solving, rewrite the complete number sentence in decimal form.

1. $7.3 + 0.95$

2. $8.29 + 5.9$

Grade:

Thursday

Date: June 3

Grade 4
Module 6
Lesson 14

Learning Target: I can solve word problems involving the addition of measurements in decimal form.

Standards: 4.NF.6

Concept Development

Problem 1

Barrel A contains 2.7 liters of water. Barrel B contains 3.09 liters of water. Together, how much water do the two barrels contain?

Problem 2

Alissa ran a distance of 15.8 kilometers one week and 17.34 kilometers the following week. How far did she run in the two weeks?

Concept Development

Problem 3

An apple orchard sold 140.5 kilograms of apples in the morning and 15.85 kilograms more apples in the afternoon than in the morning. How many total kilograms of apples were sold that day?

Concept Development

Problem 1

Barrel A contains 2.7 liters of water. Barrel B contains 3.09 liters of water. Together, how much water do the two barrels contain?

Problem 2

Alissa ran a distance of 15.8 kilometers one week and 17.34 kilometers the following week. How far did she run in the two weeks?

Let's Work Together!

- An apple orchard sold 140.5 kilograms of apples in the morning and 15.85 kilograms more apples in the afternoon than in the morning. How many total kilograms of apples were sold that day?

EXIT TICKET

Name: _____

BCCSG

Date: _____

Howard / Spelman

Grade 4
Module 6
Lesson 14

Learning Target: I can solve word problems involving the addition of measurements in decimal form.

Standards: 4.NF.6

Directions: Answer the questions below. Make sure you show work for every question. Record your answer on Google Classroom.

Elise ran 6.43 kilometers on Saturday and 5.6 kilometers on Sunday. How many total kilometers did she run on Saturday and Sunday?

Grade:

Friday

Date: June 4

Grade 4
Module 6
Lesson 15

Learning Target: I can express the value of coins as decimal fraction or decimal number.

Standards: 4.MD.2

Concept Development

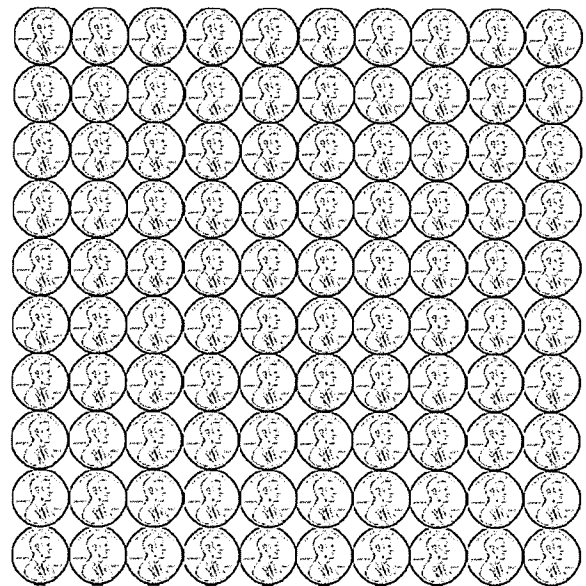
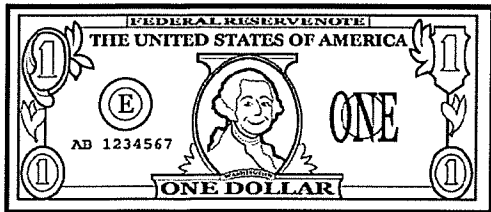


One cent

$$\underline{\quad} \text{¢} = \frac{\quad}{100} \text{ dollar} = \$ \underline{\quad} . \underline{\quad} \underline{\quad}$$

Seven cents

$$\underline{\quad} \text{¢} = \frac{\quad}{100} \text{ dollar} = \$ \underline{\quad} . \underline{\quad} \underline{\quad}$$



- 100 pennies = \$ _____ $100\text{¢} = \frac{\quad}{100} \text{ dollar}$
- 1 penny = \$ _____ $1\text{¢} = \frac{\quad}{100} \text{ dollar}$
- 6 pennies = \$ _____ $6\text{¢} = \frac{\quad}{100} \text{ dollar}$
- 10 pennies = \$ _____ $10\text{¢} = \frac{\quad}{100} \text{ dollar}$
- 26 pennies = \$ _____ $26\text{¢} = \frac{\quad}{100} \text{ dollar}$

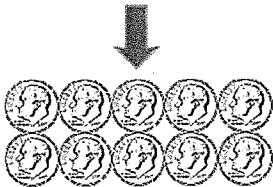
Concept Development

One dime

$$\underline{\quad} \text{¢} = \frac{\underline{\quad}}{100} \text{ dollar} = \$ \underline{\quad} . \underline{\quad} \underline{\quad}$$

Eight dimes

$$\underline{\quad} \text{¢} = \frac{\underline{\quad}}{100} \text{ dollar} = \$ \underline{\quad} . \underline{\quad} \underline{\quad}$$



6. 10 dimes = \$ _____

$$100\text{¢} = \frac{\quad}{10} \text{ dollar}$$

7. 1 dime = \$ _____

$$10\text{¢} = \frac{\quad}{10} \text{ dollar}$$

8. 3 dimes = \$ _____

$$30\text{¢} = \frac{\quad}{10} \text{ dollar}$$

9. 5 dimes = \$ _____

$$50\text{¢} = \frac{\quad}{10} \text{ dollar}$$

10. 6 dimes = \$ _____

$$60\text{¢} = \frac{\quad}{10} \text{ dollar}$$

Concept Development



One quarter

$$\underline{\quad} \text{¢} = \frac{\underline{\quad}}{100} \text{ dollar} = \$\underline{\quad}.\underline{\quad} \underline{\quad}$$

11. 4 quarters = \$_____

$$100\text{¢} = \frac{\quad}{100} \text{ dollar}$$

12. 1 quarter = \$_____

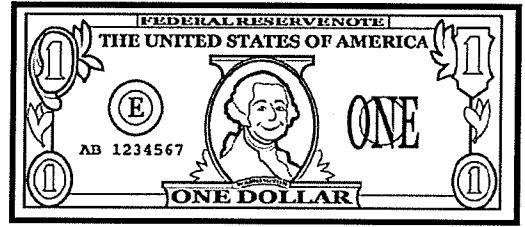
$$25\text{¢} = \frac{\quad}{100} \text{ dollar}$$

13. 2 quarters = \$_____

$$50\text{¢} = \frac{\quad}{100} \text{ dollar}$$

14. 3 quarters = \$_____

$$75\text{¢} = \frac{\quad}{100} \text{ dollar}$$



Let's Work Together!



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

15. 3 dimes and 8 pennies

Solve. Express the answer as a decimal.

19. 2 dollars 17 pennies + 4 dollars 2 quarters

You Try!

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

16. 8 dimes and 23 pennies

17. 3 quarters 3 dimes and 5 pennies

Solve. Express the answer as a decimal.

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

21. 9 dollars 9 dimes + 4 dollars 3 quarters 16 pennies

EXIT TICKET

Name: _____

BCCSG

Date: _____

Howard / Spelman

Grade 4
Module 6
Lesson 15

Learning Target: I can express the value of coins as decimal fraction or decimal number.

Standards: 4.MD.2

Directions: Answer the questions below. Make sure you show work for every question. Record your answer on Google Classroom

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

Grade: _____

Place Value Chart

100	10	1	.	$\frac{1}{10} = 0.1$	$\frac{1}{100} = 0.01$
hundreds	tens	ones	.	tenths	hundredths

