2nd GRADE – DISTANCE LEARNING – MATH

For the final five weeks of the 2019-2020 school year, students will concentrate on three-digit Addition and Subtraction and Counting Money. Students may already possess some abilities and skills in these areas. This will be a good time to build up those skills.

All 2nd graders have learned Common Core strategies for two-digit Addition and Subtraction. This may be carried over into three-digit Addition and Subtraction. Students and parents may also use the standard algorithm as presented in the My Math pages. Students should use what they are comfortable with. Your teacher can be contacted for any questions or assistance.

Students are assigned two lessons per week and possibly a review. Lesson consists of 3 pages, 6 sides. Students can do 1.5 pages (3 sides) per day. The first page of any lesson is **Explore and Explain** which is usually done with the teacher. Students should write their name on this page, but don't need to do anything else. They can begin on second page, **See and Show**. Sometimes students have difficulty with **Talk Math** and **Hot Problem**. Your child should do their best, but don't worry about it. If they have extra time, they may study their Math facts or begin work for the following week.

Week #1	Chapter 6	Three-Digit Addition
Lesson #6	Pgs. 383-388	Three Digit Numbers: **Odds Only**
Lesson #7	Pgs. 389-394	Rewrite Three Digit Numbers: **Evens Only**

Week #2	Chapter 7	Three-Digit Subtraction
Lesson #7	Pgs. 451-455	Rewrite Three Digit Subtraction: **Odds Only**
Lesson #9	Pgs. 463-468	Subtract Across Zeros: **Evens Only**

Week #3	Chapter 7 & 8	Three-Digit Subtraction & Money
Ch. 7 Review	Pgs. 469-472	My Review
Ch. 8 L#1	Pgs. 483-488	Pennies, Nickels, Dimes

Week #4	Chapter 8	Money
Lesson #2	Pgs. 489-494	Quarters
Lesson #3	Pgs. 495-500	Count Coins
Check My Prog.	Pgs. 501-502	

Week #5	Chapter 8	Money
Lesson #4	Pgs. 503-508	Problem Solving
Lesson #5	Pgs. 509-514	Dollars
My Review	Pgs. 515-518	

Quarters

Explore and Explain Tools

MAGIC MONEY COUNTER

$

quarters
25¢

dimes
10¢

nickels
5¢

pennies
1¢

_____   _____   _____   _____

Teacher Directions: Use quarters, dimes, nickels, and pennies. Sort the coins into the correct columns. Count to find the value of the coins. Write the value on each column.

See and Show

==quarter== = 25¢

Count by 25s.

Helpful Hint
Remember ¢ stands for cents.

___25___¢, ___50___¢, ___75___¢

Start counting with the coin that has the greatest value.

_____¢,_____¢,_____¢,_____¢,_____¢,_____¢,_____¢ = _____¢

Count to find the value of the coins.

1.

_____¢,_____¢,_____¢,_____¢,_____¢,_____¢ = _____¢

2.

_____¢,_____¢,_____¢,_____¢,_____¢,_____¢ = _____¢

Talk Math How many quarters do you need to make 100¢?

Name _____

"Heads" I win. "Tails" you lose!
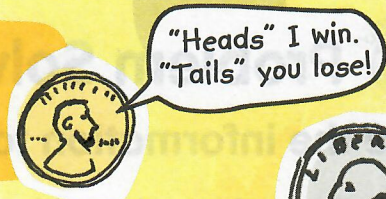
On My Own

Count to find the value of the coins.

3.

_____ ¢, _____ ¢, _____ ¢, _____ ¢, _____ ¢, _____ ¢, _____ ¢ = _____ ¢

4.

_____ ¢, _____ ¢, _____ ¢, _____ ¢ = _____ ¢

5.

_____ ¢, _____ ¢, _____ ¢, _____ ¢, _____ ¢, _____ ¢, _____ ¢ = _____ ¢

How many quarters do you need to purchase each item?

6. 50¢

_____ quarters

7. PLAY TIME 100¢

_____ quarters

8. 75¢
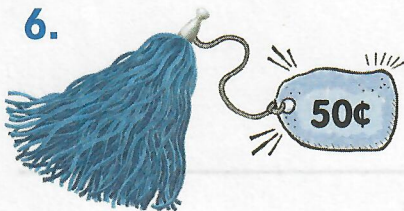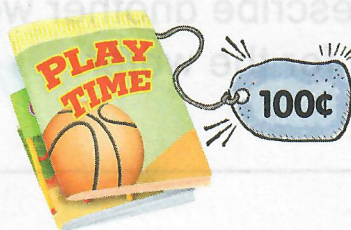
_____ quarters

Problem Solving

Mathematical PRACTICE
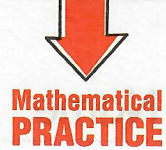
Use the information to answer each question.

9. Dale found a quarter, a dime, and three nickels under the sofa. His mom gave him another quarter. Does he have enough money to buy a school basketball game ticket that costs 50¢?

_____

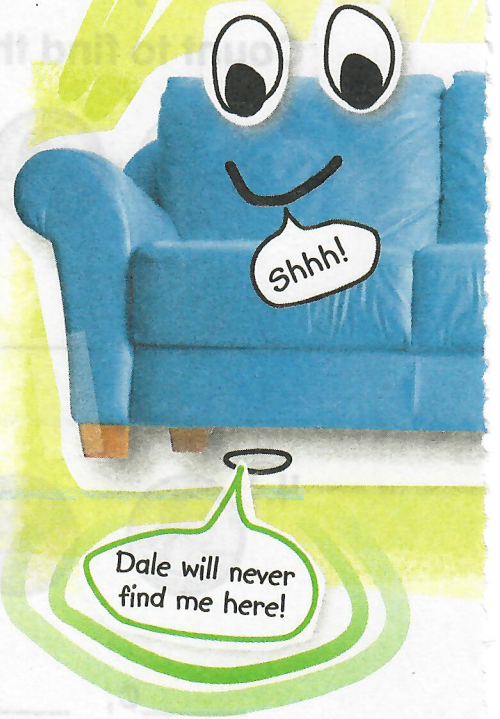Can Dale also buy a juice box for 25¢?

_____

Shhh!

Dale will never find me here!

10. Lindsay has 2 quarters and 5 dimes. She gives her friend 1 quarter. Lindsay needs 100¢ to buy a stuffed animal. Does she have enough to buy the toy?

_____

11. Jan has 100¢ in quarters. She wants to buy bracelets. Each bracelet costs a quarter. How many bracelets can she buy?

_____

HOT Problem   Bryan buys water for 75¢. He uses 3 quarters. Describe another way Bryan could have paid for the water.

_____

_____

_____

My Homework

Homework Helper

eHelp

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quarter = 25¢

25¢,   50¢,   75¢

Helpful Hint
¢ stands for cents.

Start with the coin that has the greatest value.

25¢,   50¢,   60¢,   70¢,   75¢,   80¢,   81¢   = 81¢

Practice

Count to find the value of the coins.

1.

_____¢, _____¢, _____¢, _____¢, _____¢, _____¢   = _____¢

2.

_____¢, _____¢, _____¢, _____¢, _____¢, _____¢, _____¢   = _____¢

Count to find the value of the coins.

3.

_____¢, _____¢, _____¢, _____¢, _____¢, _____¢   = _____¢

Circle the correct number of quarters.

4. Jamal wants to donate 75¢ to the animal shelter. How many quarters would that be?

We love Jamal!

---

5. Jeff has 3 quarters. His friend has 2 quarters. How many more cents does Jeff have than his friend?

_____¢

Vocabulary Check

Circle the correct answer.

6. **quarter**

Math at Home Have your child use quarters to show you 50¢ and 75¢.

Count Coins

Explore and Explain 🛠 Tools

Quarters 25¢	Dimes 10¢	Nickels 5¢	Pennies 1¢

The value of all of the coins is _____.

Teacher Directions: Use quarters, dimes, nickels, and pennies. Sort the coins into the appropriate columns. Trace them. Write the total value of the coins.

See and Show

To count a group of coins, start with the coin that has the greatest value. Count to find the total.

25¢, 50¢, 60¢, 61¢, 62¢

= 62¢

Count to find the value of the coins.

1.

_____¢, _____¢, _____¢, _____¢, _____¢, _____¢

= _____¢

2.

_____¢, _____¢, _____¢, _____¢, _____¢, _____¢

= _____¢

Talk Math How does skip counting help you count groups of different coins?

Name _____

On My Own

Count to find the value of the coins.

3.

_____¢, _____¢, _____¢, _____¢, _____¢

= _____¢

4.

_____¢, _____¢, _____¢, _____¢, _____¢

= _____¢

Draw and label the coins from greatest to least.
Find the value of the coins.

5.

_____

_____ = _____¢
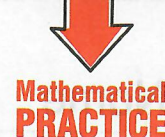
6. Suppose you have 1 quarter, 3 dimes, 1 nickel, and 7 pennies. How much money do you have?

_____ ¢

7. Luke wants to buy a bouncy ball that costs 25 cents. He has five pennies, 1 dime, and 2 nickels. Does Luke have enough money?

_____

I'm earning it!

8. Connor has a quarter and a nickel. He gets 2 more quarters for helping around the house. How much money does he have now?

_____ ¢

Write Math Chase has 5 dimes. Dan has 10 nickels. Who has more money? Explain.

_____

_____

_____

My Homework

Lesson 3

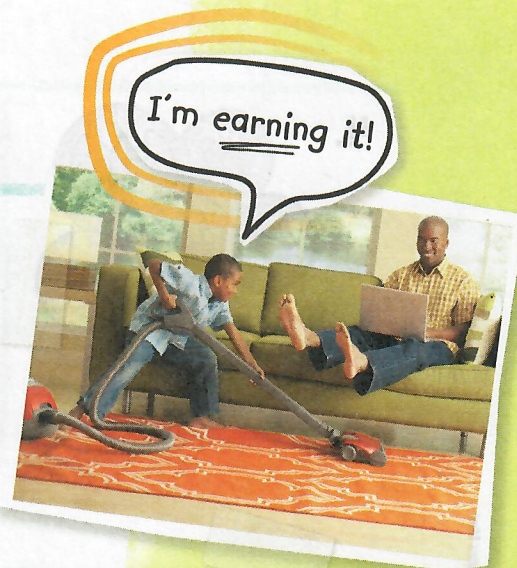**Count Coins**

Homework Helper [eHelp]   Need help? connectED.mcgraw-hill.com

To count coins, start with the coin that has the greatest value. Count to find the total value.

| 25¢ | 25¢ | 10¢ | 5¢ | 5¢ | 1¢ |

25¢,   50¢,   60¢,   65¢,   70¢,   71¢

= 71¢

Count to find the value of the coins.

1.

| 25¢ | 10¢ | 10¢ | 5¢ | 5¢ | 1¢ |

_____¢, _____¢, _____¢, _____¢, _____¢, _____¢

= _____¢

2.

| 25¢ | 25¢ | 10¢ | 10¢ | 5¢ | 5¢ | 5¢ |

_____¢, _____¢, _____¢, _____¢, _____¢, _____¢, _____¢

= _____¢

Chapter 8 • Lesson 3   499

Count to find the value of the coins.

3.

_____¢, _____¢, _____¢, _____¢, _____¢

= _____¢

4.

_____¢, _____¢, _____¢, _____¢, _____¢, _____¢

= _____¢

5. Kate has 6 dimes, 5 nickels and 4 pennies. How much money does Kate have?

_____¢
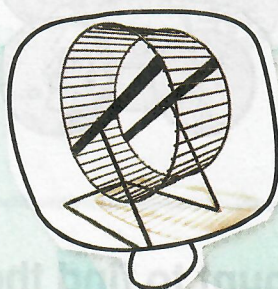
I hope Kate has enough money to buy me a cool toy!

Test Practice

6. Find the value of the coins.

41¢	46¢	51¢	36¢
○	○	○	○

Math at Home Give your child coins with a value under $1.00 and have him or her practice counting the coins. Then pretend you are buying and selling things using the coins.

Check My Progress

Vocabulary Check 🔤 Vocab

penny   **nickel**   **dime**   **quarter**

Complete each sentence.

1. A coin that has a value of 25 cents is a _____.

2. A coin that has a value of 5 cents is a _____.

3. A coin that has a value of 1 cent is a _____.

4. A coin that has a value of 10 cents is a _____.

Concept Check ✓ Check

Count to find the value of the coins.

5.

_____¢, _____¢, _____¢, _____¢, _____¢, _____¢, _____¢ = _____¢

6.

_____¢, _____¢, _____¢, _____¢, _____¢, _____¢, _____¢ = _____¢

Count to find the value of the coins.

7.

____¢, ____¢, ____¢, ____¢, ____¢, ____¢ = ____¢

8.

____¢, ____¢, ____¢, ____¢, ____¢, ____¢, ____¢, ____¢

= ____¢

9.

(25¢) (25¢) (25¢) (10¢) (1¢) (1¢)

____¢, ____¢, ____¢, ____¢, ____¢, ____¢

= ____¢

Test Practice

10. Myla needs 55¢ to buy a bag of popcorn.
Which coins should she use?

quarter, quarter
○

quarter, penny, nickel
○

quarter, quarter, nickel
○

quarter, quarter, penny
○

Problem Solving

STRATEGY: Act It Out

Gavin has 2 quarters, 1 dime, and 1 nickel. Does he have enough money to buy this toy?

Watch   Tools

Yippee, Gavin wants me!

1 Understand Underline what you know.
Circle what you need to find.

65¢

2 Plan How will I solve the problem?

3 Solve Act it out.

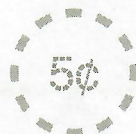25¢   25¢   10¢   5¢

25¢,   50¢,   60¢,   65¢   = ___65___ ¢

Does Gavin have enough money to buy the toy?

yes

4 Check Is my answer reasonable? Explain.

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Practice the Strategy

Robin wants to buy 3 rings.
Each ring costs 20¢. She has
I quarter, 2 dimes, and 5 nickels.
Does she have enough money?

I need more fingers!

1 **Understand** Underline what you know.
Circle what you need to find.

2 **Plan** How will I solve the problem?

3 **Solve** I will...

4 **Check** Is my answer reasonable? Explain.

Name _____

Apply the Strategy

Your quarter's safe with me!

1. Maria has 1 quarter in her piggy bank. Her mom gives her a nickel. Her dad gives her a dime. How much money does Maria have in all?

_____

2. Mark has 2 quarters, 1 dime, and 1 penny. He wants to buy a toy truck for 55¢. Does he have enough money to buy the toy truck?

_____

3. Wesley has 2 quarters, 3 dimes, and 2 nickels. He has enough money to buy a race car. What is the greatest amount of money that the race car could cost?

_____

Review the Strategies

4. Riley has 1 dime, 3 nickels, and 4 pennies. Does she have enough to buy a cookie that costs 30¢?

_____

How much more does she need?

_____

5. Annie has coins to buy a gel pen at the store. It costs 85¢. She has 2 quarters and 1 nickel. What two coins does she still need?

gel pen 85¢

_____

6. A notebook costs 40¢. What three coins could you use to pay for the toy?

_____

Name _____

My Homework

eHelp

Landon has 3 dimes and 2 nickels. Does he have enough money to buy the pack of stickers that costs 50¢?

50¢

1 Understand

Underline what you know.
Circle what you need to find.

2 Plan

How will I solve the problem?

3 Solve

Act it out.

10¢, 20¢, 30¢, 35¢, 40¢ = 40¢

He has 40¢. He needs 50¢.
So, he does not have enough money.

4 Check

Is my answer reasonable?

Problem Solving

Underline what you know. Circle what you need to find. Act it out to solve.

I'm going to be a pilot some day!

1. Jose has 1 quarter, 3 dimes, and 1 nickel. How much more does he need to buy an airplane that costs 75¢?

   _____ ¢

2. Leah has 1 quarter, 2 dimes, and a nickel. Her sister has 3 nickels. How many more cents do they need to have 90¢?
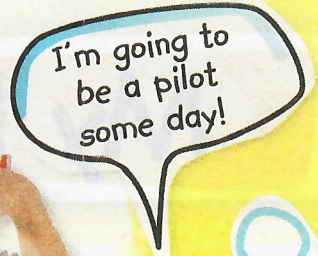
   _____ ¢

3. Cole has 75 cents. He has 2 quarters and 1 dime. If the rest of his coins are nickels, how many nickels does he have?

   _____ nickels

4. Sarah has 1 quarter, 1 dime, 3 nickels and 3 pennies. How much money does she have?

   _____ ¢

Math at Home Have your child show you the coins needed to buy a toy that costs 64¢.

Name

Dollars

Lesson 5

ESSENTIAL QUESTION ?

How do I count and use money?

Hi! I'm George.

Explore and Explain

Tools

one dollar = 100 cents

_____   _____   _____   _____

Teacher Directions: Count pennies to 100¢. Write the number of quarters it takes to equal 100¢. Do the same for the dime and each of the other coins.

See and Show

Dollar Sign → $1.00 ← Decimal Point

One **dollar** has a value of 100 cents or 100¢. To write one dollar, use a. **dollar sign.**

Use a decimal point to separate the dollars from the cents.

one dollar bill = $1.00

100 pennies = $1	20 nickels = $1	10 dimes = $1	4 quarters = $1

Count to find the value of the coins.
Circle the combinations that equal $1.00.

I. _____

2. _____

Talk Math How are $ and ¢ different? How are they alike?

510   Chapter 8 • Lesson 5

Name _____

On My Own

Count to find the value of the coins.
Circle the combinations that equal $1.00.

3.

_____

4.

_____

5.

_____

6.

_____

7.

_____

8.

_____

Chapter 8 • Lesson 5   511

9. Natasha has 1 quarter, 2 dimes, 10 nickels, and 4 pennies. She needs 1 dollar to buy a joke book. How much money does she have?

Natasha makes me laugh!

_____

How much more does she need to have one dollar?

_____

10. Chip needs 1 dollar. He has three quarters and one dime. How much does he have?

_____

How much more does he need to make 1 dollar?

_____

Write Math   Think of 2 combinations of coins that equal one dollar and write them here.

_____

_____

_____

My Homework

Homework Helper eHelp
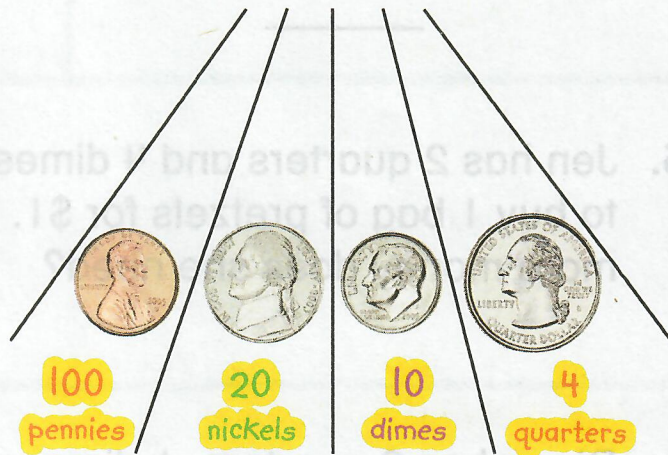
Need help? connectED.mcgraw-hill.com

One dollar has a value of 100 cents or 100¢. To write 1 dollar, use a dollar sign.

$1.00 is equal to

one-dollar bill = $1.00

100 pennies   20 nickels   10 dimes   4 quarters

Count to find the value of the coins.
Circle combinations that equal $1.00.

1.

_____

2.

Count the coins. Write the value.
Circle combinations that equal $1.00.

3.

_____

4.

5. Jen has 2 quarters and 4 dimes. She wants to buy 1 bag of pretzels for $1. How much more money does she need?

_____

6. Diego has 3 quarters, 1 dime, and 1 nickel. How many more nickels does he need to have $1?

_____ nickels

Vocabulary Check 🔤 Vocab

Circle the correct choices.

7. **one dollar** $1   1$ $1.00   1¢

🦉 **Math at Home** Have your child use various coins to show you two ways to make $1.

Name _____

My Review

Vocabulary Check

Draw lines to match.

1. **dime**   1 cent or 1¢

2. **penny**   25 cents or 25¢

3. **quarter**   5 cents or 5¢

4. **dollar**   10 cents or 10¢

5. **nickel**   100 cents or 100¢

Concept Check

Count to find the value of the coins.

6.

_____¢, _____¢, _____¢, _____¢, _____¢ = _____¢

Concept Check ✅ Check

Count to find the value of the coins.

7.

_____¢, _____¢, _____¢, _____¢, _____¢, _____¢ = _____¢

Count to find the value of the group of coins.

8.

25¢ 25¢ 10¢ 10¢ 5¢ 5¢

_____¢, _____¢, _____¢, _____¢, _____¢, _____¢

= _____¢
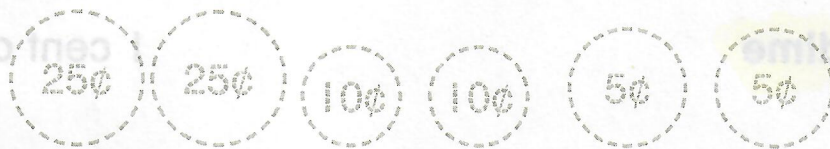
Count to find the value of the coins.
Circle the combinations that equal $1.00.

9.

_____

10.

Use each coin to make one dollar.
Write the number of coins you used.

11.

_____

12.

_____

Name _____

![speech bubble] I only cost 47¢. I'm a bargain!

Problem Solving

13. Lupe buys a toy dinosaur for 47¢. He gives the cashier 1 quarter and 1 dime. How much more money does he need to give the cashier?

_____

Circle the three coins Lupe should give the cashier.

---

14. John has two dimes. Mark has two quarters. How much money do the two boys have in all?

Test Practice

15. Lacey found 1 quarter and 1 dime. She already had 30¢. Kyra has 85¢. How much more money does Kyra have?

10¢	20¢	25¢	30¢
○	○	○	○

I cent or 1¢

_____, _____, _____ = _____

_____ pennies make $1.00.

5 cents or 5¢

_____, _____, _____ = _____

_____ nickels make $1.00.

ESSENTIAL QUESTION ❓

How do I count and use money?

10 cents or 10¢

_____, _____, _____ = _____

_____ dimes make $1.00.

25 cents or 25¢

_____, _____, _____ = _____

_____ quarters make $1.00.

Count on it!

Success is yours!