AR.Math.Content.2.MD.C.8

Solve Word Problems involving dollar bills, quarters, dimes, nickels, and pennies, using $ and ¢ symbols appropriately.

- **Play Music**

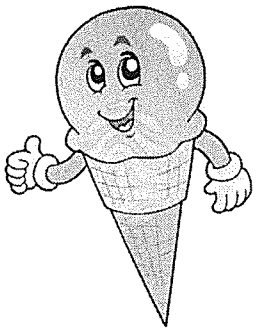
- **Learning Outcome:** Students will be able to solve story problems by counting money

- **Problem of the day** – 5 minutes

Max set up a lemonade stand. Each cup of lemonade was $1.00. At the end of the day, Max had four-dollar bills, 10 dimes, 15 nickels, 25 pennies, and 8 quarters. How much money does Max have?

  - Read problem, discuss thoughts, choose students to tell value of each, ask students what steps should be taken, ask if anyone has different ways to solve
- **Worksheet A -** 10 minutes
  - Work with partner using manipulatives
  - Share out loud, choose a student each time to tell each step to be taken, ask questions about understanding
- **Ice cream Project** –5 minutes or until end of class time
  - Tell directions, ask questions, set out materials
- **Worksheet B (Homework)**
  - Hand out about 3 minutes into previous project, read directions, ask questions
  - Close with going to lunch

Name: _____



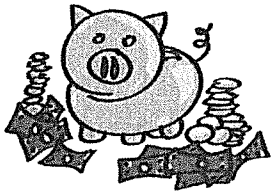
Guided Practice

Billy walks into an ice cream shop with his mom one day. As they walk in, they see a sign:

Regular Cone	$0.50
Waffle Cone	$0.75
One(1) Scoop	$0.25
Two(2) Scoops	$0.48
Three(3) Scoops	$0.73
Add Sprinkles	$0.08
Add Chocolate/Strawberry/Caramel Syrup	$0.10

1. If Billy has the following money, what can he get?

2. Billy's mom wants a regular cone, one scoop of ice cream, and chocolate syrup. How much money does this cost?



Name: _____

Counting Money Word Problems

Directions: Read each word problem and use your money to help you solve the problem. Write your answer under the word problem.

1. Bob is at the mall with his sister. He has 4 quarters, 2 dimes, and 4 nickels. He wants to buy a ball that costs $1.25. Which coins should Bob use to buy the ball?

2. Max has 4 dimes, 5 pennies, and 1 quarter. He walks to the candy shop and wants to buy two lollipops, which are 25 cents each. Which coins should Max use to buy the lollipops?

3. Sam is at the community pool and is hungry. She would like to buy a basket of french fries. She has 3 quarters, 5 pennies, and a nickel. The french fries cost 85 cents. Which coins should Sam use to buy the french fries?

4. Nick is at the basketball game with his father. He has 4 quarters, 5 dimes, and 5 nickels. He is thirsty and wants to buy a soda that is $1.25. Which coins should Nick use to buy the soda?

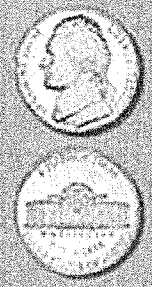
5. Liz is at the grocery store with her mother. She wants to buy bubblegum that costs $1.50. She has 4 quarters, 3 dimes, and 5 nickels. Which coins should Liz use to buy the bubblegum?

IDENTIFYING MONEY

PENNY 1¢

one cent
$0.01
Abraham Lincoln

NICKEL 5¢



five cents
$0.05
Thomas Jefferson

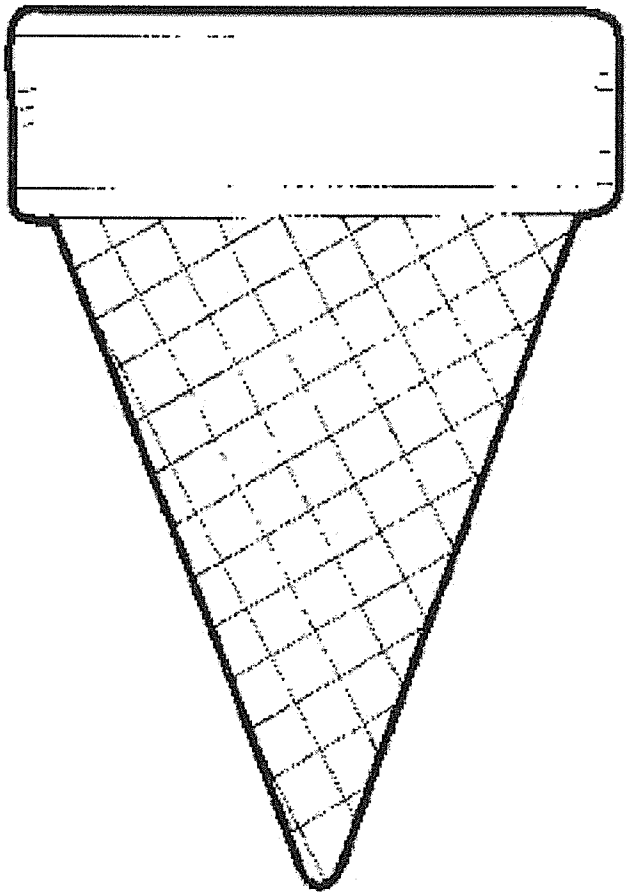
DIME 10¢

ten cents
$0.10
Franklin D. Roosevelt

QUARTER 25¢

twenty-five cents
$0.25
George Washington

DOLLAR BILL $1.00

one dollar
George Washington

Name:_____