

# Unit 8

## Family Letter

Dear Family,

In this unit, Measurement: Money and Time, we will be learning how to find the value of a given collection of money, tell time to the nearest 5 minutes, and determine whether the time an activity takes place is labeled as a.m. or p.m.

### STEM Career Kid for this Unit

**Hi, I'm C.J.**

Hello! My name is C.J., and I want to be a statistician. Statisticians use math when they take surveys of the time people wake up or how much change they have.



### What math terms will your child use?

Term	Student Understanding
analog clock	a clock that has an hour hand, minute hand, and the numbers 1–12 to tell time
digital clock	a clock that tells time with numbers only
half past	30 minutes past the hour; Example: 2:30 is half past 2:00
quarter past	15 minutes past the hour; Example: 4:15 is quarter past 4:00
quarter to	15 minutes before the hour; Example: 7:45 is quarter to 8:00



### What can your child do at home?

Have your child practice finding the value of coins and telling time to the nearest 5 minutes. For example, keep a bag of change handy. When time permits, give your child a collection of coins. Then have him or her find the value of the coins.

# What Will Students Learn in This Unit?

## The Value of Coins

In this unit, your child learns the monetary value of coins and how to find the value of a collection of coins by counting by 1s and skip counting by 5s, 10s, and 25s. It is important for your child to be able to recognize the front and back of a penny, nickel, dime, and quarter.

*Example:*

Write the value of the group of coins.



$$25¢ + 25¢ + 10¢ + 5¢ + 1¢ + 1¢ + 1¢ = 68¢$$

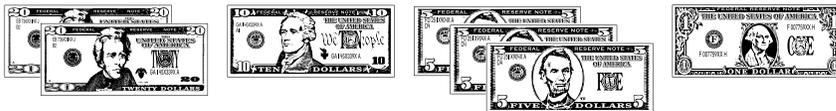
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## The Value of Bills

Your child also learns the monetary value of bills and how to find the value of a group of bills. Again, your child will count by 1s and skip count by 5s, 10s, and 20s to find the value of a given group of bills. Your child will need to be able to recognize the front and back of a \$1, \$5, \$10, and \$20 bill.

*Example:*

What is the value of the group of bills?



$$\$40 + \$10 + \$15 + \$1 = \$66$$

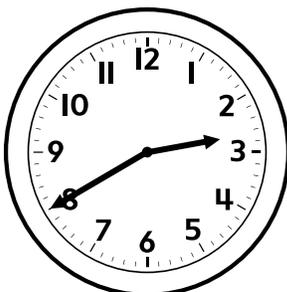
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## Telling Time to the Nearest Five Minutes

Your child also learns to tell time to the nearest 5 minutes. Your child will learn that as the minute hand moves around the clock, he or she can skip count by 5s to tell time. Counting by 5s shows that there are 60 minutes in an hour.

*Example:*

Write the time shown on the clock.



2:40